

Faculty Scholarship Celebration

Wednesday, February 15

4:30-6 pm

Blue Ridge Conference Center



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Western
Carolina
UNIVERSITY

2017 marks the 28th year that Hunter Library has acknowledged and presented an exhibit of Western Carolina University faculty's scholarly and artistic works. This year's exhibit features works from 335 scholars created over past year. These scholarly works include articles, books and book chapters, poster presentations, works of art and literature, musical performances, etc. It is Hunter Library's goal that exhibit visitors will be inspired by the many ways in which WCU's faculty express their creativity and contribute to human knowledge. This is the 30th year that Hunter Library will presents its Hunter Scholar Award as well as the 2nd year that grant writers will be recognized.

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## **ACKNOWLEDGMENTS**

Sponsors of the 2017 Faculty Scholarly Recognition Celebration event are the Graduate School and Office of Research, Hunter Library, the Office of Undergraduate Studies, and Honors' College. Many thanks go to the members of the Faculty Scholarship Celebration committee: Dr. Brian Kloeppel, Dr. Carol Burton, Dr. Farzaneh Razzaghi, Dr. Jill Granger, Roxane Stiles, Andrea Moshier, and Dora Walker. Many thanks to the Hunter Scholar Award selection committee; Mark Stoffan, Andrea Moshier, Mimi Fenton, and Brian Byrd.

Special thanks to Elizabeth Marcus for her wonderful work on compiling the bibliography. I would also like to thank the huge contribution of the Hunter Library Exhibits Committee; Liz Skene, Ruby Banerjee, Antionette Vanterpool, Erica Barnett, Malti Turnbull, and Elizabeth Marcus for planning and preparing the exhibit and PowerPoint presentation of scholars. The reception was generously supported by the Office of the Chancellor, The Graduate School and Office of Research, and Hunter Library.

Farzaneh Razzaghi, Ph.D.  
Dean of Hunter Library

## Campus Recreation Center

### Jeremiah Haas

#### External Grants

Haas, J. “32<sup>nd</sup> Annual Tuck River Cleanup.” Sponsored by Jackson County Travel and Tourism (2016).

Haas, J., Smith, A. “33<sup>rd</sup> Annual Tuck River Cleanup.” Sponsored by American Whitewater (2016).

## Center for Career and Professional Development

### Theresa Cruz Paul

#### External Grant

Paul, T. C. “SECU Public Fellows Internship Program,” Sponsored by the State Employees Credit Union (SECU), \$100,000 (2016).

## Center for Service Learning

### Dr. Lane G. Perry, III

#### Book Chapter

Stoner, L., Perry, L., Wadsworth, D., Gleason, M., Tarrant, M., Page, R., & Stoner, K. (2016). Fostering global citizenship in higher education: The development of an international course in global health. In D. Velliaris & D. Coleman-George (Eds.) *Handbook of Research on Study Abroad Programs and Outbound Mobility* (Chapter 9). Hershey, Pennsylvania: IGI Global.

#### Journal Articles

Perry, L., Moore, T., & O'Steen, B. (2016). Student outcomes (Primary, Secondary and Higher Education). *International Journal of Service Learning and Community Engagement*, 4(1).

Farmer, B., Perry, L., & Ha, S. (2016). University community engagement and public relations education: A replication and extension of service-learning assessment in the PR campaigns course. *International Journal of Service Learning and Community Engagement*, 4(1). <http://journals.sfu.ca/iarslce/index.php/journal/article/view/244/132>

#### Presentation

Lahm, R. J. (Presenter & Author), Perry, L. G. (Author Only), Rumble, Z. (Author Only), Academic Business World International Conference & International Conference on Learning and Administration in Higher Education, “Ripple Effect Learning Community (RELC): An Interdisciplinary Model for Instructional Delivery,” Academic Business World, Nashville, TN (May 25, 2016 - May 27, 2016).

#### External Grants

Huffman, C. L. (Principal), Perry, L. G. (Co-Principal), Cruz, L. E. (Co-Principal), Wallen, J. R. (Co-Principal), Imre, I. (Co-Principal), Styers, D. M. (Co-Principal), Gainey, M. D. (Investigator), Byrd, B. D. (Investigator), “Inclusive Excellence Grants 2017 Pre-Proposal,” Sponsored by Howard Hughes Medical Institute, Private. (September 1, 2015 - May 3, 2016).

Perry, L. G. “Voter Engagement Mini-Grant,” Sponsored by the Campus Election Engagement Project, \$500 (2016).

Woodson, J., Perry, L.G. “Voter Engagement Mini-Grant,” Sponsored by the Campus Election Engagement Project, \$500 (2016).

#### Newsletter Article

Perry, L., Rumble, Z., Caravelis, C., Onder, D., & Hensley, G. (2016). Campus highlight: The ripple effect learning community at Western Carolina University. *Bringing Theory to Practice Newsletter*, 3-4.

## College of Arts & Sciences

### Dr. Mary Adams

#### External Grant

Adams, M. F., “Rescue Ride Animal Transport Grant,” Sponsored by ASPCA, Other, \$3,000.00. (January 1, 2016 Present).

## **Dr. Saheed Aderinto**

### **Book Chapter**

Aderinto, S. (2016). Prostitution in Colonial Africa, 1880s-1960s. In F. Jacob (Ed.), *Prostitution: A companion to mankind* (pp. 469-480). Frankfurt am Main: Peter Lang.

## **Dr. Scott A. Barlowe**

### **Conference Proceedings**

Zhang, C., Yang, J., Zhan, F. B., Gong, X., Brender, J. D., Langlois, P. H., Barlowe, S. A., Zhao, Y. (2016). *A Visual Analytics Approach to High-Dimensional Logistic Regression Modeling and its Application to an Environmental Health Study*. The 9th IEEE Pacific Visualization Symposium.

Scott, A. S., Barlowe, S. A. (2016). *How Software Works: Computational Thinking and Ethics before CS1* (pp. 8). New York, NY: IEEE Frontiers in Education Conference (FIE), 2016.

## **Dr. Julia Barnes**

### **Presentations**

Barnes, J., Project NExT, "Teaching Using Tactile Visualization Techniques," Mathematical Association of America, Columbus, OH. (August 3, 2016).

Barnes, J., Crans, A., DeLong, M., Tongen, A., Project NExT, "Interactive Teaching Methods," Mathematical Association of America, Columbus, OH. (August 1, 2016).

### **External Contract**

Barnes, J. (Principal), "Project NExT," Sponsored by Mathematical Association of America, Private, \$21,600.00. (August 2012 - August 2016).

### **Internal Grants**

Barnes, J., "Chancellor's Travel Grant," Sponsored by Western Carolina University, \$546.00. (March 2016).

Barnes, J., "Chancellor's Student Travel," \$1,455.00. (March 2016).

## **Robert Barnett**

### **External Grant**

Young, R., Tormey, B., Thompson, H., Peek, K., Barnett, R. "Climate Change Vulnerability Assessments, Adaptation, and Communication," Sponsored by the National Park Service (2016).

## **Dr. Peter C. Bates**

### **Publications**

Bates, P. C., Miller, J. R., Styers, D. M., Burda, C., Davis, R. W., Martin, T. H., Kloeppel, B. D. (2016). *Natural Resource Condition Assessment for Carl Sandburg Home National Historic Site* (pp. 202 pp). Fort Collins, Colorado: National Park Service.

Bates, P. C., Miller, J. R., Styers, D. M., Langdon, K., Burda, C., Davis, R. W., Martin, T. H., Kloeppel, B. D., McFarland, S. (2016). *Natural Resource Condition Assessment for Great Smoky Mountains National Park* (pp. 478 pp). Fort Collins, Colorado: National Park Service.

Bates, P. C., Miller, J. R., Styers, D. M., Burda, C., Davis, R. W., Martin, T. H., Kloeppel, B. D. (2016). *Natural Resource Condition Assessment for Guilford Courthouse National Military Park* (pp. 163 pp). Fort Collins, Colorado: National Park Service.

## **Dr. Ingrid Bego**

### **Presentations**

Bego, I., Southern Political Science Association Annual Meeting, "From Private to Public: Examining Violence Against Women Policy in Albania," Southern Political Science Association, New Orleans, LA. (January 12, 2017 - January 14, 2017).

Bego, I., American Political Science Association Annual Meeting, "Contentious Politics during Economic Crisis: Self-Immolation as a form of Protest," American Political Science Association, Philadelphia, PA. (August 31, 2016 - September 4, 2016).

## Internal Grants

Bego, I., “Chancellor’s Travel Fund,” Sponsored by Western Carolina University, \$1,200.00. (October 10, 2016 - Present).

Bego, I., “Intentional Learning Grant,” Sponsored by Western Carolina University Office for Undergraduate Studies, Western Carolina University, \$650.00. (September 27, 2016 - Present).

## Mr. Thomas N. Belt

### Presentations

Lefler, L. J. (Panelist), Belt, T. N. (Panelist), Powell, T. (Panelist), Trafzer, C. (Panelist), U. Penn Graduate Nursing Program, “American Indian Health and Wellbeing,” University of Pennsylvania. (September 26, 2016).

Lefler, L. J., Belt, T. N. (Presenter Only), Sarah Graham Kenan Rural and Underserved Medical Scholars Program, “Cherokee and Appalachian Health,” MAHEC, MAHEC, Asheville, NC. (June 28, 2016).

Belt, T. N., “Cherokee Language,” Duke University, NC. (March 23, 2016).

### External Grant

Eastman, J. M., Belt, T. “Cherokee Language Program: Community Convening Funds,” Sponsored by Cherokee Preservation Foundation, Other. (October 1, 2016 - Present).

## Ms. Brittania J. Bintz

### External Grants

Evanoff, D. D. (Principal), Bintz, B. J. (Co-Principal), Bose, I. (Co-Principal), De Silva, C. R. (Co-Principal), Wallen, J. R. (Co-Principal), Youker, R. T. (Co-Principal), “Acquisition of a Malvern Zetasizer Nano ZS for the facilitation of Multi-Disciplinary Biotechnology Research at WCU,” Sponsored by Institutional Development Grant, North Carolina Biotechnology Center, State, \$47,750.00. (April 1, 2015 - March 31, 2016).

Bintz, B. J., Hickman, M. “Tackling Big Data: Next-Generation Sequencing from Sample Prep to Analysis,” Sponsored by the North Carolina Biotechnology Center (NCBC), \$2,428 (2016).

Byrd, B.D., Bintz, B. J. “Southeast Regional Vector-borne Disease Center of Excellence,” Sponsored by University of North Carolina at Chapel Hill (UNC-CH), (2016).

### Sponsored Research

Evanoff, D. D. (Principal), Bintz, B. J. (Co-Principal), “Development of SERS-active forensic evidence swabs for rapid, non-destructive confirmatory serological screening and STR typing of human bodily fluids,” Sponsored by National Institute of Justice, Federal, \$346,740.00. (January 1, 2016 - Present).

### Internal Grant

Gainey, M. D. (Co-Principal), Mathews, K. G. (Co-Principal), Bintz, B. J. (Principal), Wallen, J. R. (Investigator), Byrd, B. D. (Investigator), Catley, K. M. (Investigator), “Establishment of CATS-NGS (Consortium for the Advancement of Teaching and Scholarship through Next-Generation Sequencing) to enhance the molecular science infrastructure at WCU,” Sponsored by The Office of the Provost and the Office of Research Administration, Western Carolina University, \$14,736.00. (January 1, 2017 - December 31, 2017).

## Dr. Nathan A. Borchelt

### External Grants

Borchelt, N. A., Despeaux, S. E., “Smoky Mountain Math Teachers’ Circle,” Sponsored by North Carolina GlaxoSmithKline Foundation, Private, \$200,000.00. (July 2015 - June 2020).

Pinter, H. H., Allen, A. L. S., Stahan, D., Borchelt, N. “Promoting Conceptually Based Teaching and Learning: Supporting Curriculum Implementation using Standards-Based Mathematics Teaching Practices,” Sponsored by NC Quest, (2016).

## Dr. Indrani Bose

### Presentations

Boggs, J. (Presenter & Author), Wallen, J. R. (Author Only), Bose, I. (Author Only), Fourth Annual Cellular Biology of Eukaryotic Pathogens Symposium, “Characterization of DNA Polymerase Gamma in *Cryptococcus neoformans*,” Eukaryotic Pathogens Innovation Center, Clemson University Watt Center, Clemson, SC (November 17, 2016 - November 18, 2016).

Huffman, C. L., De Silva, C. R., Bose, I., Printz, S., Dragan, N., Reece, M. D. (Presenter & Author), Kline, H. N., Southeast Regional Meeting of the American Chemical Society, "Synthesis, characterization, and antimicrobial studies of chemically modified textile materials using zinc oxide nanoparticles for potential prevention of healthcare-associated infections," Columbia, SC (October 23, 2016 - October 26, 2016).

#### **External Grant**

Evanoff, D. D. (Principal), Bintz, B. J. (Co-Principal), Bose, I. (Co-Principal), De Silva, C. R. (Co-Principal), Wallen, J. R. (Co-Principal), Youker, R. T. (Co-Principal), "Acquisition of a Malvern Zetasizer Nano ZS for the facilitation of Multi-Disciplinary Biotechnology Research at WCU," Sponsored by Institutional Development Grant, North Carolina Biotechnology Center, State, \$47,750.00. (April 1, 2015 - March 31, 2016).

#### **Internal Grant**

Wallen, J. R. (Co-Principal), Bose, I. (Co-Principal), "Investigation of a DNA Polymerase in the Mitochondria of the Human Pathogenic Yeast *Cryptococcus neoformans* Predicted to be Essential for Infection," Sponsored by Provost's Internal Funding Support Grant, Western Carolina University, \$12,950.00. (January 1, 2016 - December 31, 2017).

### **Jonathan L. Bradshaw**

#### **Presentation**

Bradshaw, J., Cultural Rhetorics Conference, "Heritage Claims as Civic Interventions: Urban Appalachians in Cincinnati, Ohio," Michigan State University, Kellogg Center, Michigan State University, East Lansing, MI. (October 1, 2016).

### **Michael P. Brannon**

#### **External Grants**

Brannon, M. P. "Highlands Nature Center STEM Outreach Program," Sponsored by Highlands Biological Foundation (2016).

Workman, S., Costa, J. T., Brannon, M., Funderburk, R. "Highlands Biological Station: Enhancing Nature Center Outreach and Public Education Programs," Sponsored by the Institute of Museum and Library Services, (2016).

### **Dr. Kathleen M. Brennan**

#### **Presentation**

Lalas, D. G., Brennan, K. M., "Actual and Perceived Academic Performance: Do Campus Mental Health Services Make a Difference for Students with a Mental Illness Diagnosis?" 2016 Annual Meeting of the Southern Sociological Society, Atlanta, GA. (April 13, 2016 - April 16, 2016).

### **Dr. Lisa T. Briggs**

#### **Presentations**

Briggs, L. T., Sefiha, O. P., Burgason, K. A., "But is it cheating?" Evolving Expectations of Online Academic Dishonesty." Academy of Criminal Justice Sciences, Denver, CO. (March 2016).

Briggs, L. T., Innovation in Search Strategies: Training, Research, Networking, Certification, "The Use of Human Recovery K9s Combined with Unmanned Aircraft Systems in the Recovery of Missing Persons." Emergency Management and Homeland Security Department and Federal Bureau of Investigations, Florida State University, Tallahassee, FL. (March 2016).

Briggs, L. T., Christopher, G., Haynes, J., Shuping, G., "Building Relationships in Criminal Justice: A Model Example of Inter-agency Cooperation," North Carolina Criminal Justice Association, Raleigh, NC. (February 2016).

Brynn, S., Briggs, L. T., "Historical and Current Trends in Academic Dishonesty: An Examination of Survey Results," North Carolina Criminal Justice Association, Raleigh, NC. (February 2016).

Briggs, L. T. (Presenter & Author), Mason, K. A. (Presenter & Author), "Millennials and Choice of Career In Criminal Justice: An Examination of Survey Results," North Carolina Criminal Justice Association, Raleigh, NC. (February 2016).

Briggs, L. T., Haggerty, A. (Presenter & Author), Grant, E., Rosenblatt, W. (Author Only), "Soil Variation and Human Decomposition: HRD Canine Study," North Carolina Criminal Justice Association, Raleigh, NC. (February 2016).

### **Jane L. Brown**

#### **Presentation**

Johnston, C. A. (Presenter & Author), Martin, P. S. (Presenter & Author), Schweikart, J. F. (Presenter & Author), Rollieri, L. N.

(Author Only), Brown, J. L. (Author Only), Society for American Archaeology 81st Annual Meeting, "Forensic Archaeological Field Training: Pedagogy and Practice," Society for American Archaeology, Orlando, FL (April 7, 2016).

## **Dr. Stephen Brown**

### **Book, Scholarly**

Sefiha, O., Brown, S. (Eds.). The Routledge Handbook of Deviance. New York: Routledge.

## **Dr. Mark R. Budden**

### **Journal Article**

Goehle, G. R., Budden, M. R. (2016). Local Coefficient Matrices and the Metaplectic Correspondence. *Journal of Lie Theory*, 27(3), 657-670.

## **Dr. Karen L. Butcher**

### **Internal Grant**

Yang, W., Crawford, R., Clapp, A. G., Bricker, P. L., Yan, Y., Mathews, J. W., Pechmann, J. H., Mathews, K. G., Youker, R. T., Huffman, S. W., Gomez, E. A., Butcher, K. L., Penland, A. D., "Enriching Science Education: School-University Partnership to promote K-12 Science Education through mentoring for STEM competitions," Sponsored by College of Education and Allied Professions, WCU, Western Carolina University, \$4,000.00. (October 15, 2016 - June 1, 2017).

## **Dr. Catherine W. Carter**

### **Publications**

Carter, C. W. (2016). *Romeo and Juliet* (vol. 8, pp. 1). St. Michaels, MD: Delmarva Review.

Carter, C. W. (2016). *Disaster, Walking* (pp. 1). Winston-Salem, NC: Flying South (magazine of Winston-Salem Writers Network).

Carter, C. W. (2016). *White Pine, April, 1978* (pp. 1). Winston-Salem, NC: Flying South (magazine of Winston-Salem Writers Group).

Carter, C. W. (2016). *Ma Tells* (pp. 1). New York, NY: The Wide Shore: A Journal of Global Women's Poetry (online).

### **Presentation**

Carter, C. W., Meltzer, S., Teacher Education Forum, "Assessing and Preparing Secondary Education Teacher Candidates for Success," North Carolina Association of Colleges and Teacher Educators, Raleigh, NC. (September 23, 2016).

## **Dr. Kefyn M. Catley**

### **Journal Articles**

Novick, L. R., & Catley, K. M. (2016). Fostering 21st century evolutionary reasoning: Teaching tree thinking to undergraduate biology students. *CBE: Life Sciences Education*, 15(66), 1-12.

Seaborn, T., & Catley, K. (2016). Abiotic microhabitat parameters of the Spruce—Fir Moss Spider, *Microhexura montivaga* Crosby and Bishop (Araneae: Dipluridae). *Southeastern Naturalist*, 15(1), 61-75.

### **Internal Grant**

Gainey, M. D. (Co-Principal), Mathews, K. G. (Co-Principal), Bintz, B. J. (Principal), Wallen, J. R. (Investigator), Byrd, B. D. (Investigator), Catley, K. M. (Investigator), "Establishment of CATS-NGS (Consortium for the Advancement of Teaching and Scholarship through Next-Generation Sequencing) to enhance the molecular science infrastructure at WCU," Sponsored by The Office of the Provost and the Office of Research Administration, Western Carolina University, \$14,736.00. (January 1, 2017 - December 31, 2017).

## **Dr. Robert J. Clines**

### **Presentation**

Clines, R. J., Warwick in Venice Annual Conference, "'He is Obligated to be Made Turk or be Burned': Defending the Faith against Apostasy in Early Modern Mediterranean Jewry," University of Warwick, University of Warwick in Venice, Venice, Italy. (October 2016 - Present).

### **External Grant**

Clines, R. J., "Jesse Howard, Jr/Andrew W. Mellon Foundation Post-Doctoral Rome Prize Fellowship in Renaissance and Early Modern Studies," Sponsored by American Academy in Rome, International. (September 12, 2016 - July 28, 2017).

## **Internal Grant**

Clines, R. J., "Faculty Research and Creative Activities Award," Sponsored by Western Carolina University Graduate School and Research, Western Carolina University. (July 1, 2016 - June 30, 2017).

## **Andrew S. Coburn**

### **Internal Grant**

Bishop, L. (Principal), Coburn, A. S. (Co-Principal), Gannon, J. P. (Co-Principal), "The Cullowhee Creek Corridor: A Natural Pathway to Innovative Teaching and Learning," Sponsored by WCU Provost Office, Western Carolina University. (February 1, 2016 - Present).

### **External Grant**

Young, R., Coburn, A., Thompson, H., Peek, K. "Development of High Hazard Area Criteria and Assessments of Potential Additions to the Coastal Barrier Resources System for Hurricane Sandy Affected Areas," Sponsored by DOI US Fish and Wildlife Service (2016).

## **Dr. Beverly S. Collins**

### **Journal Article**

Punsalan, A., Collins, B. S., DeWald, L. E. (2016). The germination of *Helonias bullata* L. (swamp pink) with respect to dry, saturated, and flooded conditions. *Aquatic Botany*, 133, 17–23.

### **External Grants**

Collins, B.S. "Western Carolina University Subcontract: Assessing wetland characteristics of o-order contributing areas above montane headwater wetland-stream complexes in the Appalachian Mountains," Sponsored by Pennsylvania State University, (2016).

Gannon, J. P. (Principal), Tanner, B. R. (Co-Principal), Collins, B. S. (Co-Principal), "MRI: Acquisition of a Cavity Ring Down Carbon Isotope Analyzer at Western Carolina University," Sponsored by National Science Foundation, Federal, \$0.00. (January 13, 2016 - Present).

Yanik, P. M. (Principal), Collins, B. S. (Investigator), Gardner, P. J. (Investigator), Walker, I. D. (Investigator), "Use of Continuous Robotic Agents for Environmental Monitoring," Sponsored by National Science Foundation, Federal. (2016).

## **Dr. Todd A. Collins**

### **Presentation**

Collins, T. A. (Author Only), Gerlach, J. D. (Presenter & Author), Annual Meeting of the American Society for Public Administration, "Local Government and Nonprofit Personnel Trends: Similarities and Differences in Retention and Turnover," Seattle, WA. (March 2016).

### **External Grant**

Collins, T. A., Willis, A., Olvera, F., Britt, H., Riddle, L., Scott, R. "Haywood County Survey Project," Sponsored by Haywood County, \$4,775 (2016).

## **Dr. Christopher A. Cooper**

### **Journal Article**

Menickelli, J., Barney, D., Grube, D. P., Cooper, C. A. (2016). Disc golf and walking benefits: A pedometer-based physical activity assessment. *International Journal of Physical Education, Fitness and Sports*.

### **Newspaper Articles**

Cooper, C. A. (2016). *The Boogeymen in American Politics*.

Cooper, C. A. (2016). *Examining the Relationship Between Political Partisanship and HB2*." Asheville Citizen Times.

Cooper, C. A. (2016). *What Lessons from the 2016 Primary*. Smoky Mountain News.

Cooper, C. A. (2016). *Thomas Jefferson, Donald Trump, and the Continued Relevance of Political Parties*. Asheville Citizen Times.

Cooper, C. A. (2016). *Winning Day is A-coming*. Asheville Citizen Times.

## **Internal Grant**

Cooper, C. A., "Policymaking in the Shadows: Collaborative Governance, University Governing Boards and the New Politics of Higher Education," Sponsored by Graduate School and Research, Western Carolina University, \$5,000.00. (July 2016 - July 2017).

## **Mrs. Kim P. Corzine**

### **External Grant**

Corzine, K. P., "Road to Earning and Learning," Sponsored by NCCDD, State. (September 2013 - August 2016).

## **Dr. James T. Costa**

### **Chapter in Scholarly Book**

Costa, J. T. (2016). Social evolution in 'other' insects and arachnids [2016 update of 2010 article]. *Encyclopedia of Animal Behavior* (pp. 231-241). Oxford: Academic Press.

### **External Grants**

Costa, J. T. (Principal), Kandl, K. L. (Principal), Bricker, P. L. (Investigator), "Watershed Moments: Exploring Science and Math in Cullowhee Creek," Sponsored by Burroughs Wellcome Fund, Private. (March 2015 - Present).

Costa, J. T., Martin, T. H., Kandl, K. L., "A Modernized Aquatics Laboratory for Research and Training at Highlands Biological Station," Sponsored by National Science Foundation - FSML program, Federal. (2017 - 2018).

Workman, S., Costa, J. T., Brannon, M., Funderburk, R. "Highlands Biological Station: Enhancing Nature Center Outreach and Public Education Programs," Sponsored by the Institute of Museum and Library Services, (2016).

Bricker, P. L., Schwab, B., Costa, J., Workman, S. "Western North Carolina STEM Master Teaching Fellows Project," Sponsored by North Carolina State University, (2016).

## **Dr. Mark R. Couture**

### **Presentation**

Couture, M. R. (Chair), Mountain Interstate Foreign Language Conference, "Afro-Caribbean Studies: Articulations of Africanness, Cubanness and Afro-Cubanness in Cuban Literature," Mountain Interstate Foreign Language Conference, College of Charleston, Charleston, SC. (October 15, 2016).

## **Dr. Philip E. Coyle**

### **Book, Scholarly**

Coyle, P. E. (2016). *Nayari History, Politics, and Violence: From Flowers to Ash*. University of Arizona Press.

### **Journal Article**

Coyle, P. E., Osment, T. (2016). Bill Crawford: Folklore Researcher, Genealogist, and Community Connector. *North Carolina Folklore Journal*, 62(2), 9-12.

### **Presentations**

Coyle, P. E., American Ethnological Society, "Fragmented Images between Coherence and Disorder: The Viejo de la Danza in Santa Teresa, Nayarit, Mexico," Washington, DC. (April 2, 2016).

Coyle, P. E., "The Incoherent State, Pt. 2: Citizenship and Bio-politics." (April 1, 2016).

## **Craig M. Crowley**

### **Presentations**

Plaza-Rodriguez, A. (Presenter & Author), Crowley, C. M. (Author Only), Butler, A. (Author Only), Wallen, J. R. (Author Only), St. Jude National Undergraduate Research Symposium, "Characterization of amino acids critical to -Glycerophosphate Oxidase Catalysis," St. Jude Children's Research Hospital, St. Jude Children's Research Hospital, Memphis, TN. (July 14, 2016 - July 17, 2016).

Plaza-Rodriguez, A. (Presenter & Author), Butler, A. (Author Only), Crowley, C. M. (Author Only), Wallen, J. R. (Author Only), St. Jude National Undergraduate Research Symposium, "Validation of the alpha-Glycerophosphate Oxidase Catalytic Mechanism via Site-Directed Mutagenesis," St. Jude Children's Research Hospital, St. Jude Children's Research Hospital, Memphis, TN. (July 14, 2016 - July 17, 2016).

Crowley, C. M. (Presenter & Author), Butler, A. (Author Only), Plaza-Rodriguez, A. (Author Only), Claiborne, A. (Author Only), Wallen, J. R. (Author Only), Research and Scholarship Celebration, "Investigation of the catalytic mechanism of *Mycoplasma pneumoniae* L-alpha-glycerophosphate oxidase: Mutation of the proposed catalytic base," Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

Plaza-Rodriguez, A. (Presenter & Author), Butler, A. (Presenter & Author), Crowley, C. M. (Author Only), Wallen, J. R. (Author Only), Research and Scholarship Celebration, "Validation of the alpha-Glycerophosphate Oxidase Catalytic Mechanism via Site-Directed Mutagenesis," Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

## **Dr. Channa R. De Silva**

### **Presentations**

Browder, L. K., De Silva, C. R. "Development of Europium-doped Gadolinium Fluoride Nanoparticles for Potential Biomedical Imaging," poster presentation at the National Conference for Undergraduate Research (NCUR), UNC-Asheville, NC, (April 2016).

De Silva, C. R. "Applications of Nanotechnology for a Safe Water Supply," invited guest speaker, Seminar on Water Quality & Human Health, International Conference on Chemical Education, Royal Chemical Society, Institute of Chemistry, Ceylon, Colombo, Sri Lanka (April 4-5, 2016).

Downing, R., Lillie, A., Jensen, C., Lee, J., Dinkelmeyer, B., De Silva, C. R. "Photoluminescent Studies of Europium thenoyltrifluoroacetone Complexes using dipyrindophenazine type Ligand Derivatives," accepted poster presentation, 68th Southeastern Regional Meeting of the American Chemical Society (SERMACS), Columbia, SC (October 23-25, 2016).

Downing, R., Lillie, A., Jensen, C., Lee, J., Dinkelmeyer, B., De Silva, C. R. "Substituent Effects on Europium Metal-Centered Luminescence," poster presentation at the National Conference for Undergraduate Research (NCUR), UNC-Asheville, NC (April 2016).

Huffman, C. L., De Silva, C. R., Bose, I., Printz, S., Dragan, N., Reece, M. D., (Presenter & Author), Kline, H. N. Southeast Regional Meeting of the American Chemical Society, "Synthesis, characterization, and antimicrobial studies of chemically modified textile materials using zinc oxide nanoparticles for potential prevention of healthcare-associated infections," Columbia, SC, (October 23, 2016 - October 26, 2016).

Jensen, C., De Silva, C. R. "Time dependent density functional theory (TDDFT) studies of Eu(III) thenoyltrifluoroacetone complexes with dipyrindophenazine ligand derivatives," accepted poster presentation, 68th Southeastern Regional Meeting of the American Chemical Society (SERMACS), Columbia, SC (October 23-25, 2016).

Lee, J. M., De Silva, C. R. "Synthesis, Characterization, and Luminescent Studies of Europium-doped Zinc Oxide nanoparticles for potential Biomedical Applications," poster presentation at the National Conference for Undergraduate Research (NCUR), UNC-Asheville, NC (April 2016).

Lee, J. M., Dragan, N. A., Martin, G., Youker, R. T., De Silva, C. R. "Synthesis, Characterization, and in Vivo Cellular Imaging of Eu(III)-doped Zinc Oxide Nanoparticles," accepted poster presentation, 68th Southeastern Regional Meeting of the American Chemical Society (SERMACS), Columbia, SC (October 23-25, 2016).

Lipchak, A., De Silva, C. R. "Surface-Functionalization of Magnetite Nanoparticles for Potential Cellular Imaging," accepted poster presentation, 68th Southeastern Regional Meeting of the American Chemical Society (SERMACS), Columbia, SC (October 23-25, 2016).

Rickard, J., De Silva, C. R. "Computational Studies of Terbium -diketonate Complexes: Evaluating the Substituent Effects on the Luminescent Properties," poster presentation at the National Conference for Undergraduate Research (NCUR), UNC-Asheville, NC (April 2016).

Spell, J., Lee, J., Dragan, N., Coan, H., De Silva, C. R. "Synthesis, Characterization, and Cytotoxicity Studies of Europium Metal-doped Zinc Oxide Nanoparticles for Potential Clinical Applications," accepted poster presentation, 68th Southeastern Regional Meeting of the American Chemical Society (SERMACS), Columbia, SC (October 23-25, 2016).

Spell, J., Lee, J., Dragan, N., Coan, H., De Silva, C. R. "Synthesis, Characterization, and Cytotoxicity Studies of Zinc Oxide Nanoparticles," poster presentation at the National Conference for Undergraduate Research (NCUR), UNC-Asheville, NC (April 2016).

### **External Grants**

De Silva, C. R. (Investigator), Paranagama, P. (Principal), "Development of nanoencapsulated biopesticides from selected bioactive natural products using chitosan," Sponsored by University Grant Commission (UGC), Ministry of Higher Education, Sri Lanka, International. (June 2013 - Present).

De Silva, C. R. (Investigator), Burris, J. L. (Principal), "Acquisition of a multiphoton confocal microscope for the multi-user biophotonics research facility at Appalachian State University," Sponsored by National Science Foundation (NSF)-MRI proposal, Federal. (February 2013 - Present).

De Silva, C. R. (Co-Principal), Corrales, R. (Principal), "Density function theory studies of complex systems: structure, dynamics, and excited states," Sponsored by Pacific Northwest National Laboratory, Computationally Intensive Research Proposal-35450, Federal. (January 2013 - Present).

De Silva, C. R. (Principal), "Development of a high-throughput drug-screening assay for the evaluation of melanoma cancer cell-targeted pharmaceuticals," Sponsored by Biotechnology Research Grant, North Carolina Biotechnology Center, State. (October 2012 - Present).

De Silva, C. R. (Principal), "Development of a luminescence-based nanostructured integrated platform for high throughput screening of tumor cell receptor-targeted ligand libraries and biomedical imaging," Sponsored by Biotechnology Research Grant, North Carolina Biotechnology Center, State. (February 2011 - Present).

De Silva, C. R. (Principal), "Density functional theory (DFT) studies of europium -diketonate complexes with dipyrrophenazine ligand derivatives for enhanced photoluminescence," Sponsored by Extreme Science and Engineering Discovery Environment (XSEDE) Grant Program supported by the National Science Foundation (NSF), Federal. (May 2015 - June 2016).

Evanoff, D. D. (Principal), Bintz, B. J. (Co-Principal), Bose, I. (Co-Principal), De Silva, C. R. (Co-Principal), Wallen, J. R. (Co-Principal), Youker, R. T. (Co-Principal), "Acquisition of a Malvern Zetasizer Nano ZS for the facilitation of Multi-Disciplinary Biotechnology Research at WCU," Sponsored by Institutional Development Grant, North Carolina Biotechnology Center, State, \$47,750.00. (April 1, 2015 - March 31, 2016).

### Internal Grant

De Silva, C. R. (Principal), "Computational chemistry investigation of uranium-based metal organic agents for potential applications in nuclear waste treatments," Sponsored by Provost's Internal Funding Support Grant, Western Carolina University. (September 2015 - Present).

## Dr. Laura E. DeWald

### Journal Article

Punsalan, A., Collins, B. S., DeWald, L. E. (2016). The germination of *Helonias bullata* L. (swamp pink) with respect to dry, saturated, and flooded conditions. *Aquatic Botany*, 133, 17-23.

### Presentations

DeWald, L. E. (Presenter & Author), Onder, D. M. (Author Only), Diede, M. (Author Only), LeBeau, S. (Author Only), Association for the Assessment of Learning in Higher Education Annual Meeting, "Improving program review assessment through learning communities," Association for the Assessment of Learning in Higher Education, Milwaukee, WI. (June 6, 2016 - June 8, 2016).

DeWald, L. E. (Presenter & Author), "Conserving Genetic Diversity in Ponderosa Pine Restoration," US Forest Service, Chicago, IL. (May 16, 2016 - May 19, 2016).

Green, T. G. (Presenter & Author), DeWald, L. E. (Author Only), Association of Southeastern Biologists Annual Meeting, "Relationships between woody species functional traits and structure with distance into harvested openings," Association of Southeastern Biologists, Concord, NC. (March 31, 2016 - April 3, 2016).

Binninger, S. K. (Presenter & Author), DeWald, L. E. (Author Only), Association Southeastern Biologists Annual Meeting, "Herb abundance and diversity among fire severities in pine-oak forests of Great Smoky Mountains National Park," Association of Southeastern Biologists, Concord, NC. (March 31, 2016 - April 3, 2016).

Hawk, A. M. (Presenter & Author), DeWald, L. E. (Author Only), Great Smoky Mountain National Park Science Colloquium, "Comparing MAXENT and DOMAIN habitat suitability modeling for a rare plant species," National Park Service, Gatlinburg, TN. (March 17, 2016).

Binninger, S. (Presenter & Author), DeWald, L. E. (Author Only), Great Smoky Mountains National Park Science Colloquium, "Herb abundance and diversity among fire severities in pine-oak forests of Great Smoky Mountains National Park," National Park Service, Gatlinburg, TN. (March 17, 2016).

Styers, D. M., DeWald, L. E., Wasserberg, G., Byrd, B. D., American Mosquito Control Association 82nd Annual Meeting, "Integration of mosquito ecology laboratory exercises into biological, geoscience, and environmental science courses: using ovitraps to create authentic learning experiences," American Mosquito Control Association (AMCA), Savannah International Trade & Convention Center, Savannah, GA. (February 9, 2016).

### External Grants

DeWald, L. E. (Principal), Tara, K. (Co-Principal), "Dendroecology of Carolina Hemlock (*Tsuga caroliniana*) stands in the southern Appalachian Mountains," Sponsored by US Forest Service, Federal, \$12,968.00. (January 1, 2017 - December 31, 2019).

DeWald, L. E. (Principal), Keyser, T. (Co-Principal), "Dendroecology of Carolina hemlock stands in the southern Appalachian

Mountains,” Sponsored by Forest Health Monitoring Program, US Forest Service, Federal. (January 1, 2017 - December 31, 2019).

DeWald, L. E. “Tree Seed Source, Progeny Test and Resistance Screening Plantations for Predicting Climate Change Responses,” Sponsored by US Department of Agriculture (USDA), (2016).

Loeb, S. (Principal), Collins, B. (Co-Principal), DeWald, L. E., Hyman, J. (Co-Principal), Cushing, T. (Co-Principal), Baldwin, B. (Principal), Rankin, W., “Landscape-scale thresholds of early successional habitat,” Sponsored by USDA/NRE/US Forest Service, Federal, \$479,000.00. (March 2012 - March 2017).

## **Dr. Annette Debo**

### **Journal Article**

Debo, A. (2016). Norman Holms Pearson, Canon-Maker. *Modernism/Modernity*, 23(2), 443-462.

## **Dr. Sloan E. Despeaux**

### **External Grant**

Borchelt, N. A., Despeaux, S. E., “Smoky Mountain Math Teachers’ Circle,” Sponsored by North Carolina GlaxoSmithKline Foundation, Private, \$200,000.00. (July 2015 - June 2020).

### **Internal Grants**

Holliday, M. A., Despeaux, S. E., “The Educational Times Database: A Searchable Online Tool for the History of Mathematics,” Sponsored by WCU College of Arts and Science, Western Carolina University, \$1,000.00. (January 1, 2017 - June 30, 2017).

Despeaux, S. E., “Visiting Scholar Grant for Duncan Melville,” Western Carolina University, \$1,500.00. (April 15, 2016 - April 17, 2016).

Despeaux, S. E., “Intentional Learning Grant for SMURCHOM VIII,” Western Carolina University, \$1,250.00. (April 16, 2016).

## **Rebecca Dobbs**

### **External Grant**

Riggs, B. H., Dobbs, G. R. “Tsalagi Uweti Traditional Landscapes Mapping Project,” Sponsored by Cherokee Preservation Foundation, Other, \$19,996.20. (May 15, 2016).

## **Ms. Pamela Y. Duncan**

### **External Grant**

Duncan, P. Y. (Principal), “Spring Literary Festival,” Sponsored by WCU English Department, State, \$5,000.00. (April 4, 2016 - April 7, 2016).

## **Dr. Jane M. Eastman**

### **External Grant**

Eastman, J. M., Belt, T. “Cherokee Language Program: Community Convening Funds,” Sponsored by Cherokee Preservation Foundation, Other. (October 1, 2016 - Present).

## **Ms. Megan A. Eckardt**

### **Publication**

Biederman, W., Baliraine, F. N., Batchenkova, N., Beeser, A., Bonetta, L., Caslake, L., Ceballos, R. M., Chung, H. -M., Conant, S. B., Dalia, R., D'Angelo, W., DeCourcy, K., Eckardt, M. A., Fogarty, M. P., Frederick, G. D., Gainey, M. D., Hendrickson, H., Herren, C. D., Ho, E., Jensen, M., Kagey, J. D., Leadon, S., Little, J. L., Joshua, M., Mavrodi, D. V., Moberg-Parker, J., Olapade, O., Overath, R. D., Pape-Zambito, D., Pirino, G., Ryder, E. F., Saha, S., Saville, K., Schmeier, S., SmithCaldas, M., Sunnen, C. N., Thomson, J., Vargas-Bianco, D. A., Voshell, S. M., Wallen, J. R., Whitefleet-Smith, J. L., Anders, K. R., Edgington, N. P., Asai, D. J., Bradley, K. W., Poxleitner, M., Sivanathan, V., Bowman, C. A., Russell, D. A., Pope, W. H., Jacobs-Sera, D., Cresawn, S. G., Hendrix, R. W., Hatfull, G. F. (2016). *Mycobacterium phage NaSiATalie*, complete genome KU297783. GenBank.

### **Presentations**

Cafferty, E. (Presenter & Author), McGinnis, R. (Presenter & Author), Eckardt, M. A. (Author Only), Wallen, J. R. (Author Only), Gainey, M. D. (Author Only), 8th Annual SEA-PHAGES Symposium, “Preliminary Cluster Typing of 20 Novel

Bacteriophages Discovered at Western Carolina University,” Howard Hughes Medical Institute, Janelia Research Campus, Ashburn, VA. (June 12, 2016).

Cafferty, E. (Presenter & Author), McGinnis, R. (Presenter & Author), Eckardt, M. A. (Author Only), Wallen, J. R. (Author Only), Gainey, M. D. (Author Only), 8th Annual SEA-PHAGES Symposium, “Preliminary Cluster Typing of 20 Novel Bacteriophages Discovered at Western Carolina University,” Howard Hughes Medical Institute, Janelia Research Campus, Ashburn, VA. (June 10, 2016 - June 12, 2016).

Stevens, A. (Presenter & Author), Edwards, M. (Presenter & Author), Eckardt, M. A. (Author Only), Wallen, J. R. (Author Only), Gainey, M. D. (Author Only), National Conference on Undergraduate Research, “Classification of 21 Novel Mycobacteriophages Isolated at Western Carolina University,” Council on Undergraduate Research, University of North Carolina Asheville, Asheville, NC. (April 9, 2016).

McGinnis, R. (Presenter & Author), Burns, B. (Presenter & Author), Eckardt, M. A. (Author Only), Wallen, J. R. (Author Only), Gainey, M. D. (Author Only), National Conference on Undergraduate Research, “Discovery and Classification of 2 Temperate Bacteriophages via Viral Immunity Testing,” Council on Undergraduate Research, University of North Carolina Asheville, Asheville, NC. (April 7, 2016).

Cafferty, E. (Presenter & Author), Kernodle, S.-A. (Presenter & Author), Eckardt, M. A. (Author Only), Wallen, J. R. (Author Only), Gainey, M. D. (Author Only), National Conference on Undergraduate Research, “The Discovery and Comparison of Two Temperate Bacteriophages and Their Repressors,” Council on Undergraduate Research, University of North Carolina Asheville, Asheville, NC. (April 7, 2016).

Farris, L. (Presenter & Author), Stanley, M. (Presenter & Author), Wright, P. (Presenter & Author), McGinnis, R. (Author Only), Gainey, M. D. (Author Only), Wallen, J. R. (Author Only), Eckardt, M. A. (Author Only), Research and Scholarship Celebration, “Discovery, Isolation, Characterization and Genome Annotation of Unique Bacteriophage Species,” Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 31, 2016).

McDonough, M. (Presenter & Author), Hodge, J. (Presenter & Author), Campbell, K. (Presenter & Author), Eckardt, M. A. (Author Only), Wallen, J. R. (Author Only), Gainey, M. D. (Author Only), Research and Scholarship Celebration, “Benefits of Bacteriophage Research,” Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

Stevens, A. (Presenter & Author), Edwards, M. (Presenter & Author), Eckardt, M. A. (Author Only), Wallen, J. R. (Author Only), Gainey, M. D. (Author Only), Research and Scholarship Celebration, “Classification of 21 Novel Mycobacteriophages Isolated at Western Carolina University,” Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

McGinnis, R. (Presenter & Author), Burns, B. (Presenter & Author), Wallen, J. R. (Author Only), Eckardt, M. A. (Author Only), Gainey, M. D. (Author Only), Research and Scholarship Celebration, “Discovery and Classification of Temperate Bacteriophages Via Viral Immunity Testing,” Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

Flowers, J. (Presenter & Author), Harvey, A. (Presenter & Author), Kent, S. (Presenter & Author), Sargent, R. (Author Only), Eckardt, M. A. (Author Only), Gainey, M. D. (Author Only), Wallen, J. R. (Author Only), Research and Scholarship Celebration, “Genome Annotation of Bacteriophage Serendipitous: An Unknown Threat to Bacteria,” Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

McDaniel, T. (Presenter & Author), Hastings, A. (Presenter & Author), Stephens, K. (Presenter & Author), Mason, A. (Presenter & Author), Gainey, M. D. (Author Only), Wallen, J. R. (Author Only), Eckardt, M. A. (Author Only), Research and Scholarship Celebration, “Mycobacteriophages: From Discovery to Gene Calling,” Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

Wright, P. (Presenter & Author), Stanley, M. (Presenter & Author), Farris, L. (Presenter & Author), McGinnis, R. (Author Only), Gainey, M. D. (Author Only), Wallen, J. R. (Author Only), Eckardt, M. A. (Author Only), Research and Scholarship Celebration, “The Discovery, Isolation, Characterization and Genome Annotation of Unique Bacteriophage Species,” Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

## **Dr. David D. Evanoff, Jr.**

### **Presentations**

Ruehl, K. G. (Presenter & Author), Burleson, M. D. (Author Only), Evanoff, D. D. (Author Only), National Conference of Undergraduate Research, “Optimization of the fabrication parameters for SERS-active forensic evidence swabs used in the serological screening of human bodily fluids,” Council on Undergraduate Research, Asheville, NC. (April 2016).

Cooke, K. K. (Presenter & Author), Evanoff, D. D. (Author Only), AAFS 68th Annual Scientific Meeting, “Investigation of Human Skeletal Tissue Using Raman Spectroscopy (RS) and Surface-Enhanced Raman Spectroscopy (SERS) for Forensic Applications,” American Academy of Forensic Sciences, Rio All Suites Hotel and Casino, Las Vegas, NV. (February 22, 2016 - February 27, 2016).

Burleson, M. D. (Presenter & Author), Ruehl, K. G. (Author Only), Evanoff, D. D. (Author Only), AAFS 68th Annual Scientific Meeting, “SERS-active Nylon Evidence Swabs for Forensic Applications,” American Academy of Forensic Sciences, Rio All Suites Hotel and Casino, Las Vegas, NV. (February 22, 2016 - February 27, 2016).

## External Grant

Evanoff, D. D. (Principal), Bintz, B. J. (Co-Principal), Bose, I. (Co-Principal), De Silva, C. R. (Co-Principal), Wallen, J. R. (Co-Principal), Youker, R. T. (Co-Principal), "Acquisition of a Malvern Zetasizer Nano ZS for the facilitation of Multi-Disciplinary Biotechnology Research at WCU," Sponsored by Institutional Development Grant, North Carolina Biotechnology Center, State, \$47,750.00. (April 1, 2015 - March 31, 2016).

## Sponsored Research

Evanoff, D. D. (Principal), Bintz, B. J. (Co-Principal), "Development of SERS-active forensic evidence swabs for rapid, non-destructive confirmatory serological screening and STR typing of human bodily fluids," Sponsored by National Institute of Justice, Federal, \$346,740.00. (January 1, 2016 - Present).

## Internal Grant

Evanoff, D. D. (Principal), "Development of SERS-active forensic evidence swabs capable of confirming human bodily fluids," Sponsored by Faculty Research and Creative Activities Grant, Western Carolina University, \$5,000.00. (July 1, 2015 - June 30, 2016).

## Dr. Amy L. Fagan

### Journal Articles

Fagan, A. L., Neal, C. R. (2016). A New Lunar High-Ti Basalt Type Defined from Clasts in Apollo 16 Breccia 60639. *Geochimica et Cosmochimica Acta*, 173, 352-372. <http://www.sciencedirect.com/science/article/pii/S0016703715005013>

Fagan, A. L., Neal, C. R. (2016). A new lunar high-Ti basalt type defined from clasts in Apollo 16 breccia 60639. *Geochimica et Cosmochimica Acta*, 173, 352-372. <http://dx.doi.org/10.1016/j.gca.2015.08.007>

## Internal Grant

Fagan, A. L., "Unraveling the bombardment of the Earth-Moon System ~ 2 Billion years ago," Western Carolina University, \$1,000.00. (December 15, 2015 - Present).

## Dr. Axelle P. Faughn

### Exhibits

Mathematical Selfies picture exhibit

Jaqua, K., "Mathematical Selfies," University. (2016 - Present).

## External Contract

Faughn, A. P., "Resource Research," Sponsored by ESPE - Universite de Rennes 1, International, \$3,500.00. (June 1, 2016 - June 30, 2016).

## Internal Grant

Faughn, A. P., Jaqua, K., "Mathematical Selfies," Sponsored by CEAP - SUTEP, Western Carolina University, \$2,500.00. (September 2015 - June 2016).

## Dr. Mimi C. Fenton

### Book, Scholarly

Fenton, M. C., Schwartz, L. (2016). *With Wandering Steps: Generative Ambiguity in Milton's Poetics*. Pittsburgh, PA: Duquesne University Press.

## External Grant

Fenton, M. C., "Milton and Global Humanities in 21st Century Hungary," Sponsored by Fulbright Commission, International. (August 1, 2015 - Present).

## Mr. Garrett D. Fisher

### Presentations

Fisher, G. D., Global Celebrations of Living and Dying, "Day of the Dead in Mexico: A Cultural Overview," World Languages and Harris LifePath Palliative Care and Hospice, WCU, Cullowhee, NC. (November 3, 2016).

Fisher, G. D., XII International Conference of Literature, "Teaching Language and Culture through Travel and Technology," St. John's University, St. John's University, Queens, NY. (October 11, 2016 - October 16, 2016).

Fisher, G. D., International Translation Day, "Audiovisual Translation," UNCC, Charlotte, NC. (September 30, 2016).

## External Grant

Fisher, G. D., "Global Celebrations of Living and Dying Funding," Sponsored by Harris LifePath Palliative Care and Hospice, Private, \$1,500.00. (October 2016).

## Dr. Frank L. Forcino

### Internal Grant

Forcino, F. L., "Provost's Internal Funding Support Grant," Sponsored by WCU, Western Carolina University, \$10,000.00. (June 1, 2016 - May 31, 2017).

## Russell Funderburk

### External Grant

Workman, S., Costa, J. T., Brannon, M., Funderburk, R. "Highlands Biological Station: Enhancing Nature Center Outreach and Public Education Programs," Sponsored by the Institute of Museum and Library Services, (2016).

## Maria D. Gainey

### Publication

Biederman, W., Baliraine, F. N., Batchenkova, N., Beeser, A., Bonetta, L., Caslake, L., Ceballos, R. M., Chung, H. -M., Conant, S. B., Dalia, R., D'Angelo, W., DeCourcy, K., Eckardt, M. A., Fogarty, M. P., Frederick, G. D., Gainey, M. D., Hendrickson, H., Herren, C. D., Ho, E., Jenson, M., Kagey, J. D., Leadon, S., Little, J. L., Joshua, M., Mavrodi, D. V., Moberg-Parker, J., Olapade, O., Overath, R. D., Pape-Zambito, D., Pirino, G., Ryder, E. F., Saha, S., Saville, K., Schmeier, S., SmithCaldas, M., Sunnen, C. N., Thomson, J., Vargas-Bianco, D. A., Voshell, S. M., Wallen, J. R., Whitefleet-Smith, J. L., Anders, K. R., Edgington, N. P., Asai, D. J., Bradley, K. W., Poxleitner, M., Sivanathan, V., Bowman, C. A., Russell, D. A., Pope, W. H., Jacobs-Sera, D., Cresawn, S. G., Hendrix, R. W., Hatfull, G. F. (2016). *Mycobacterium phage NaSiaTalie, complete genome KU297783*. GenBank.

### Presentations

Cafferty, E. (Presenter & Author), McGinnis, R. (Presenter & Author), Eckardt, M. A. (Author Only), Wallen, J. R. (Author Only), Gainey, M. D. (Author Only), 8th Annual SEA-PHAGES Symposium, "Preliminary Cluster Typing of 20 Novel Bacteriophages Discovered at Western Carolina University," Howard Hughes Medical Institute, Janelia Research Campus, Ashburn, VA. (June 12, 2016).

Cafferty, E. (Presenter & Author), McGinnis, R. (Presenter & Author), Eckardt, M. A. (Author Only), Wallen, J. R. (Author Only), Gainey, M. D. (Author Only), 8th Annual SEA-PHAGES Symposium, "Preliminary Cluster Typing of 20 Novel Bacteriophages Discovered at Western Carolina University," Howard Hughes Medical Institute, Janelia Research Campus, Ashburn, VA. (June 10, 2016 - June 12, 2016).

Stevens, A. (Presenter & Author), Edwards, M. (Presenter & Author), Eckardt, M. A. (Author Only), Wallen, J. R. (Author Only), Gainey, M. D. (Author Only), National Conference on Undergraduate Research, "Classification of 21 Novel Mycobacteriophages Isolated at Western Carolina University," Council on Undergraduate Research, University of North Carolina Asheville, Asheville, NC. (April 9, 2016).

McGinnis, R. (Presenter & Author), Burns, B. (Presenter & Author), Eckardt, M. A. (Author Only), Wallen, J. R. (Author Only), Gainey, M. D. (Author Only), National Conference on Undergraduate Research, "Discovery and Classification of 2 Temperate Bacteriophages via Viral Immunity Testing," Council on Undergraduate Research, University of North Carolina Asheville, Asheville, NC. (April 7, 2016).

Cafferty, E. (Presenter & Author), Kernodle, S.-A. (Presenter & Author), Eckardt, M. A. (Author Only), Wallen, J. R. (Author Only), Gainey, M. D. (Author Only), National Conference on Undergraduate Research, "The Discovery and Comparison of Two Temperate Bacteriophages and Their Repressors," Council on Undergraduate Research, University of North Carolina Asheville, Asheville, NC. (April 7, 2016).

Farris, L. (Presenter & Author), Stanley, M. (Presenter & Author), Wright, P. (Presenter & Author), McGinnis, R. (Author Only), Gainey, M. D. (Author Only), Wallen, J. R. (Author Only), Eckardt, M. A. (Author Only), Research and Scholarship Celebration, "Discovery, Isolation, Characterization and Genome Annotation of Unique Bacteriophage Species," Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 31, 2016).

McDonough, M. (Presenter & Author), Hodge, J. (Presenter & Author), Campbell, K. (Presenter & Author), Eckardt, M. A. (Author Only), Wallen, J. R. (Author Only), Gainey, M. D. (Author Only), Research and Scholarship Celebration, "Benefits of Bacteriophage Research," Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

Stevens, A. (Presenter & Author), Edwards, M. (Presenter & Author), Eckardt, M. A. (Author Only), Wallen, J. R. (Author Only), Gainey, M. D. (Author Only), Research and Scholarship Celebration, "Classification of 21 Novel Mycobacteriophages Isolated at Western Carolina University," Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

McGinnis, R. (Presenter & Author), Burns, B. (Presenter & Author), Wallen, J. R. (Author Only), Eckardt, M. A. (Author Only), Gainey, M. D. (Author Only), Research and Scholarship Celebration, "Discovery and Classification of Temperate Bacteriophages Via Viral Immunity Testing," Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

Flowers, J. (Presenter & Author), Harvey, A. (Presenter & Author), Kent, S. (Presenter & Author), Sargent, R. (Author Only), Eckardt, M. A. (Author Only), Gainey, M. D. (Author Only), Wallen, J. R. (Author Only), Research and Scholarship Celebration, "Genome Annotation of Bacteriophage Serendipitous: An Unknown Threat to Bacteria," Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

McDaniel, T. (Presenter & Author), Hastings, A. (Presenter & Author), Stephens, K. (Presenter & Author), Mason, A. (Presenter & Author), Gainey, M. D. (Author Only), Wallen, J. R. (Author Only), Eckardt, M. A. (Author Only), Research and Scholarship Celebration, "Mycobacteriophages: From Discovery to Gene Calling," Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

Wright, P. (Presenter & Author), Stanley, M. (Presenter & Author), Farris, L. (Presenter & Author), McGinnis, R. (Author Only), Gainey, M. D. (Author Only), Wallen, J. R. (Author Only), Eckardt, M. A. (Author Only), Research and Scholarship Celebration, "The Discovery, Isolation, Characterization and Genome Annotation of Unique Bacteriophage Species," Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

Wallen, J. R. (Presenter & Author), Foster, B. M. (Presenter & Author), Collins, J. (Author Only), Farris, L. (Author Only), Stevens, A. (Author Only), Gainey, M. D. (Author Only), Research and Scholarship Celebration, "Using Bacteriophages as Model Systems to Understand the Fundamental Process of DNA Replication," Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

## External Grants

Wallen, J. R. (Co-Principal), Gainey, M. D. (Co-Principal), "HHMI SEA-PHAGES Project 2015-2016," Sponsored by Science Education Alliance-Phage Hunters Advancing Genomics and Evolutionary Science Project, Howard Hughes Medical Institute, Private, \$14,000.00. (August 17, 2015 - Present).

Huffman, C. L. (Principal), Perry, L. G. (Co-Principal), Cruz, L. E. (Co-Principal), Wallen, J. R. (Co-Principal), Imre, I. (Co-Principal), Styers, D. M. (Co-Principal), Gainey, M. D. (Investigator), Byrd, B. D. (Investigator), "Inclusive Excellence Grants 2017 Pre-Proposal," Sponsored by Howard Hughes Medical Institute, Private. (September 1, 2015 - May 3, 2016).

## Internal Grant

Gainey, M. D. (Co-Principal), Mathews, K. G. (Co-Principal), Bintz, B. J. (Principal), Wallen, J. R. (Investigator), Byrd, B. D. (Investigator), Catley, K. M. (Investigator), "Establishment of CATS-NGS (Consortium for the Advancement of Teaching and Scholarship through Next-Generation Sequencing) to enhance the molecular science infrastructure at WCU," Sponsored by The Office of the Provost and the Office of Research Administration, Western Carolina University, \$14,736.00. (January 1, 2017 - December 31, 2017).

## Dr. J. P. P. Gannon

### Journal Article

Gannon, J. P., Kinner, D. A., Lord, M. L. (2016). Beyond the Clean Water Rule: Impacts of a Non-Jurisdictional Ditch on Headwater Stream Discharge and Water Chemistry. *Water*, 8(12), 607.

## External Grants

Gannon, J. P. (Principal), Tanner, B. R. (Co-Principal), Collins, B. S. (Co-Principal), "MRI: Acquisition of a Cavity Ring Down Carbon Isotope Analyzer at Western Carolina University," Sponsored by National Science Foundation, Federal, (January 13, 2016 - Present).

Summers, J. S. (Principal), Gannon, J. P. (Co-Principal), Gomez, E. A. (Co-Principal), Pierce, S. (Co-Principal), "EAGER: MAKER: Leveraging maker technologies to improve and broaden rural STEM education," Sponsored by National Science Foundation, Federal. (December 15, 2015 - Present).

## Internal Grants

Lord, M. L. (Principal), Kinner, D. A. (Co-Principal), Gannon, J. P. (Co-Principal), "Hydrologic Thresholds for Stormflow and Groundwater Recharge in a Southern Appalachian Watershed with a Complex Environmental History," Sponsored by WCU Provost Office, Western Carolina University. (February 1, 2016 - Present).

Bishop, L. (Principal), Coburn, A. S. (Co-Principal), Gannon, J. P. (Co-Principal), "The Cullowhee Creek Corridor: A Natural Pathway to Innovative Teaching and Learning," Sponsored by WCU Provost Office, Western Carolina University. (February 1, 2016 - Present).

Gannon, J. P., Lord, M. L., Kinner, D. A., "A "Significant Nexus": How Does a Drainage Gully in a Headwater Watershed Affect Downstream Water Quality," Sponsored by Provost's Office, Western Carolina University, \$9,996.00. (May 1, 2015 - Present).

## **Dr. Santiago Garcia-Castanon**

### **Reading of Creative Work/Performance**

Garcia-Castanon, S., San Ramón, Costa Rica. (April 7, 2016).

Garcia-Castanon, S., San José, Costa Rica. (April 4, 2016 - April 5, 2016).

### **Publication**

Garcia-Castanon, S. (2016). "*Residuos orgánicos*"; "*Punto y aparte*" (poems) (vol. 120, pp. 1 page). Avilés: El Bollo.

### **Presentations**

Garcia-Castanon, S., Coloquio Internacional sobre Comida en la Literatura, "La función de la comida y la bebida en Lazarillo de Tormes," Universidad de Costa Rica, Universidad de Costa Rica, San José, Costa Rica. (August 9, 2016 - August 10, 2016).

Garcia-Castanon, S., "Lectura poética," Centro Asturiano, Centro Asturiano, Geneva, Switzerland. (June 8, 2016).

García-Castañón, S. (Presenter & Author), II Congreso Internacional de Literatura Comparada, ""La iconicidad en Don Quijote de la Mancha: representaciones plásticas de lo monstruoso"," Universidad de Costa Rica, Universidad de Costa Rica, San José, Costa Rica. (April 5, 2016 - April 8, 2016).

Garcia-Castanon, S., ""El oficio del escritor contemporáneo"," Universidad de Costa Rica, San Ramón, Costa Rica. (April 7, 2016).

## **Dr. Brian W. Gastle**

### **Book Review**

Gastle, B. (2016). *Review of The Poetic Voices of John Gower: Politics and Personae in the Confessio Amantis. Matthew W. Irvin. Cambridge: D. S. Brewer, 2014. (1st ed., vol. 114, pp. E12-E14).* Modern Philology. <http://www.journals.uchicago.edu/doi/full/10.1086/685818>

### **Presentation**

Gastle, B. W., 20th Biennial Congress of the New Chaucer Society, "The Business of Translating Love: Cultural Capital in Troilus and Criseyde and the Filostrato," New Chaucer Society, Queen Mary University of London, London, England. (July 11, 2016).

## **Dr. Jay D. Gerlach, II**

### **Journal Article**

Gerlach, J. D., Reinagel, T. P. (2016). Experiential Learning in MPA Programs: A Case for Complementarity among Internship and Service Learning Requirements. *PS: Political Science and Politics*, 49(1), 132-138.

### **Presentation**

Collins, T. A. (Author Only), Gerlach, J. D. (Presenter & Author), Annual Meeting of the American Society for Public Administration, "Local Government and Nonprofit Personnel Trends: Similarities and Differences in Retention and Turnover," Seattle, WA. (March 2016).

## **Dr. Geoff R. Goehle**

### **Journal Articles**

Goehle, G. R., Budden, M. R. (2016). Local Coefficient Matrices and the Metaplectic Correspondence. *Journal of Lie Theory*, 27(3), 657-670.

Goehle, G. R., Wagaman, J. C. (2016). The Impact of Gamification in Web Based Homework. *PRIMUS*, 27(3), 557-569.

### **Presentation**

Goehle, G. R., MathFest, "Accessibility and WeBWork: Online Homework for Everyone," WebSIGMAA, Columbus, OH. (August 5, 2016).

## External Grants

- Goehle, G. R., "WeBWork: Improving Student Success in Mathematics," Sponsored by MAA, Federal, \$14,600.00. (November 5, 2014 - July 30, 2016).
- Goehle, G. R., "Enabling Successful, Accessible OER in Mathematics with a WeBWork-MathBook XML Bridge," Sponsored by Portland Community College, State, \$2,000.00. (July 1, 2015 - June 30, 2016).
- Goehle, G. R., "Just-in-time assessment and review modules," Sponsored by North Carolina State University, Federal, \$20,000.00. (May 1, 2013 - June 30, 2016).
- Goehle, G. R., "Open Resources for Community College Algebra," Sponsored by Portland Community College, International, \$0.00. (January 1, 2016 - April 30, 2016).

## Internal Grants

- Goehle, G. R., Krehling, W. C., "College of Arts and Sciences Research Grant," Western Carolina University, \$0.00. (January 11, 2017).
- Goehle, G. R., "Chancellors Travel Fund," Western Carolina University, \$1,200.00. (August 5, 2016).
- Goehle, G. R., "Chancellors Travel Fund," Western Carolina University, \$1,200.00. (January 9, 2016 - January 12, 2016).

## Dr. Enrique A. Gomez

### External Grants

- Summers, J. S. (Principal), Gannon, J. P. (Co-Principal), Gomez, E. A. (Co-Principal), Pierce, S. (Co-Principal), "EAGER: MAK-ER: Leveraging maker technologies to improve and broaden rural STEM education," Sponsored by National Science Foundation, Federal. (December 15, 2015 - Present).
- Gomez, E. A., "Science at the Market," Sponsored by North Carolina Science Festival, State, \$1,000.00. (January 7, 2016 - April 16, 2016).

### Internal Grant

- Yang, W., Crawford, R., Clapp, A. G., Bricker, P. L., Yan, Y., Mathews, J. W., Pechmann, J. H., Mathews, K. G., Youker, R. T., Huffman, S. W., Gomez, E. A., Butcher, K. L., Penland, A. D., "Enriching Science Education: School-University Partnership to promote K-12 Science Education through mentoring for STEM competitions," Sponsored by College of Education and Allied Professions, WCU, Western Carolina University, \$4,000.00. (October 15, 2016 - June 1, 2017).

## Dr. Daryl L. Hale

### Presentation

- Hale, D. L., International Conference for Humanity, History and Society, "Starting from the End: Kant on Humanity, History and Society," Amsterdam, Netherlands. (March 21, 2016).

## Andy A. Hansen

### Journal Article

- Johnson, T. C., Hansen, J. A. (2016). Law enforcement agencies' participation in the military surplus equipment program. *Policing: An International Journal of Police Strategies and Management*, 39(4), 791-806.

### Presentations

- Hansen, J. A., Annual Meeting of the Southern Criminal Justice Association, "A qualitative study of school resource officer arrest decision making," SCJA, Savannah, GA. (September 8, 2016).
- Hansen, J. A., 53rd Annual Meeting of the Academy of Criminal Justice Sciences, "Principals' perceptions of potential responses to active school shooters," Academy of Criminal Justice Sciences, Denver, CO. (April 1, 2016).
- Hansen, J. A., 53rd Annual Meeting of the Academy of Criminal Justice Sciences, "Exploring the relationship between secondary employment and harmful on-duty police officer behaviors," Academy of Criminal Justice Sciences, Denver, CO. (March 31, 2016).
- Hansen, J. A., 2016 Annual Training Conference of the North Carolina Association of Chiefs of Police, "Promising strategies to reduce officer-involved vehicle collisions," North Carolina Association of Chiefs of Police, Cherokee, NC. (January 26, 2016).

### External Grant

- Hansen, J. A., "Exploring Ideas for Increasing Law Enforcement Motorcycle Officer Safety," Sponsored by National Institute of Justice, U.S. Department of Justice, Federal, \$0.00. (2016).

## **Dr. Francis F. Hawley**

### **Presentation**

Hawley, F. F., Academy of Criminal Justice Sciences, “The White Mule in the Room: Obduracy, Stigmatization and Cultural Persistence in Criminological Historiography,” Sheraton Downtown Denver, Denver, CO. (2016).

## **Dr. David G. Henderson**

### **Book Review**

Henderson, D. G. (2016). Review of Susan F. Hirsch and E. Franklin Dukes, *Mountaintop Mining in Appalachia: Understanding Stakeholders and Change in Environmental Conflict* (2nd ed., vol. 25, pp. 244-246). Environmental Values.

## **Dr. Anthony A. Hickey**

### **Book Review**

Hickey, A. A. (2016). *In the Blood: Understanding America's Farm Families* (March 1, 2016 Ed.). Choice.

## **Maureen Hickman**

### **External Grant**

Bintz, B. J., Hickman, M. “Tackling Big Data: Next-Generation Sequencing from Sample Prep to Analysis,” Sponsored by the North Carolina Biotechnology Center (NCBC), \$2,428 (2016).

## **Dr. Mark A. Holliday**

### **Conference Proceedings**

Holliday, M. A., Scott, A. S. (2016). A Software Development Course Based on Server-Side Javascript (work-in-progress paper). *46th ASEE/IEEE Frontiers in Education Conference*, (vol. 2016, pp. 4 pages). Erie, PA: ASEE/IEEE.

### **Software**

Holliday, M. A. (2016). *The Beach Nourishment Viewer*. <http://beachnourishment.wcu.edu/>

### **Presentation**

Holliday, M. A., 46th ASEE/IEEE Frontiers in Education Conference, “A Software Development Course Based on Server-Side Javascript,” ASEE/IEEE, Erie, PA. (October 15, 2016).

### **External Grant**

Holliday, M. A., “Google Cloud Platform Education Grant,” Sponsored by Google, Private, \$1,200.00. (August 15, 2016 - August 15, 2017).

### **Internal Grants**

Holliday, M. A., Despeaux, S. E., “The Educational Times Database: A Searchable Online Tool for the History of Mathematics,” Sponsored by WCU College of Arts and Science, Western Carolina University, \$1,000.00. (January 1, 2017 - June 30, 2017).

Holliday, M. A., “Chancellor’s Travel Fund,” Sponsored by WCU Academic Affairs Division, Western Carolina University, \$1,200.00. (October 14, 2016 - October 16, 2016).

Holliday, M. A. (Principal), “Travel Expenses for the ABET 2016 Symposium,” Sponsored by WCU Office of Institutional Planning and Effectiveness, Western Carolina University, \$1,826.78. (April 13, 2016 - April 16, 2016).

## **Dr. Cory L. Howk**

### **Journal Article**

Howk, C. L. (2016). A class of efficient quadrature-based predictor-corrector methods for solving nonlinear systems. *Applied Mathematics and Computation*, 276, 394-406.

### **Presentation**

Howk, C. L. WCU Biology Colloquium, “Mechanistic Modeling in Biology – A Mathematical Analysis of Neural Cell Differentiation.” (April 2016).

## **Dr. Christopher A. Hoyt**

### **Presentation**

Hoyt, C. A. "The Concept of Secularism," Center for Life Enrichment, Center for Life Enrichment, Highlands, NC. (August 11, 2015 - Present).

## **Dr. Beth Huber**

### **Chapter in Scholarly Book**

Huber, B. (2017). "Get Offa My Lawn: Generational Challenges of WPAs in Transition." In C. Wooten, J. Babb, & B. Ray (Eds.), *WPAs in Transition* (pp. 18). Logan, Utah: Utah State UP.

## **Dr. Carmen L. Huffman**

### **Presentations**

Huffman, C. L., "Roles for surface chemistry in hazardous waste treatment and antimicrobial fabrics," Wingate University, Department of Chemistry, Wingate, NC. (December 1, 2016).

Huffman, C. L., Cook, T. S. (Presenter & Author), Southeast Regional Meeting of the American Chemical Society, "Adsorption of copper (II) by peanut hulls in a fixed-bed continuous flow column," Columbia, SC. (October 23, 2016 - October 26, 2016).

Huffman, C. L., De Silva, C. R., Bose, I., Printz, S., Dragan, N., Reece, M. D. (Presenter & Author), Kline, H. N., Southeast Regional Meeting of the American Chemical Society, "Synthesis, characterization, and antimicrobial studies of chemically modified textile materials using zinc oxide nanoparticles for potential prevention of healthcare-associated infections," Columbia, SC. (October 23, 2016 - October 26, 2016).

Huffman, C. L., Summer Institute for Teaching and Learning, "Growing a Teacher," Western Carolina University, Cullowhee, NC. (May 18, 2016).

Huffman, C. L., Glatte, M. (Presenter & Author), National Conference on Undergraduate Research, "Adsorption of Cu (II) to unmodified and modified peanut hulls," Asheville, NC. (April 7, 2016 - April 9, 2016).

Huffman, C. L., Truluck, H. (Presenter & Author), National Conference on Undergraduate Research, "Oxidation of peanut hulls via alkaline peroxide bleaching," Asheville, NC. (April 7, 2016 - April 9, 2016).

Huffman, C. L., Cook, T. S. (Presenter & Author), Graduate Research Symposium, "Adsorption of copper (II) by peanut hulls in a fixed-bed continuous flow column," Western Carolina University, Cullowhee, NC. (March 31, 2016).

Huffman, C. L., Printz, S. (Presenter & Author), Graduate Research Symposium, "Adsorption of zinc oxide nanoparticles to cotton fibers," Western Carolina University, Cullowhee, NC. (March 31, 2016).

Huffman, C. L. (Presenter & Author), Davis, K. O., Truluck, H., Glatte, M., Cook, T., PittCon Conference and Expo, "Analysis of peanut hulls as an alternative to ion exchange resins," Atlanta, GA. (March 6, 2016 - March 10, 2016).

Huffman, C. L., Glatte, M. (Presenter & Author), Truluck, H. (Presenter & Author), PittCon Conference and Expo, "Preparation and characterization of bleached ground peanut hulls," Atlanta, GA. (March 6, 2016 - March 10, 2016).

### **External Grants**

Huffman, C. L., "Science Coaches," Sponsored by American Chemical Society, Federal, \$500.00. (July 28, 2016).

Huffman, C. L. (Principal), Perry, L. G. (Co-Principal), Cruz, L. E. (Co-Principal), Wallen, J. R. (Co-Principal), Imre, I. (Co-Principal), Styers, D. M. (Co-Principal), Gainey, M. D. (Investigator), Byrd, B. D. (Investigator), "Inclusive Excellence Grants 2017 Pre-Proposal," Sponsored by Howard Hughes Medical Institute, Private. (September 1, 2015 - May 3, 2016).

### **Internal Grants**

Huffman, C. L., Truluck, H. (Co-Principal), Glatte, M. (Co-Principal), "Undergraduate Academic Projects Grant," Sponsored by Honors College, Western Carolina University, \$829.48. (March 8, 2016).

Huffman, C. L., "Chancellor's Travel Award," Sponsored by Office of the Chancellor, Western Carolina University, \$1,076.00. (February 25, 2016).

## **Dr. Scott W. Huffman**

### **Internal Grant**

Yang, W., Crawford, R., Clapp, A. G., Bricker, P. L., Yan, Y., Mathews, J. W., Pechmann, J. H., Mathews, K. G., Youker, R. T., Huffman, S. W., Gomez, E. A., Butcher, K. L., Penland, A. D., "Enriching Science Education: School-University Partnership to

promote K-12 Science Education through mentoring for STEM competitions,” Sponsored by College of Education and Allied Professions, WCU, Western Carolina University, \$4,000.00. (October 15, 2016 - June 1, 2017).

## **Dr. Jeremy Hyman**

### **Journal Article**

Myers, R. E., Hyman, J. (2016). Differences in measures of boldness even when underlying behavioral syndromes are present in two populations of the song sparrow (*Melospiza melodia*). *Journal of Ethology*, 34(197), 1–10.

### **Presentation**

Hyman, J., North American Ornithological Congress, “Boldness in response to alarm calls in urban populations of song sparrow (*Melospiza melodia*),” AOU, Washington, DC. (2016).

## **Dr. Kathy M. Jaqua**

### **Internal Grant**

Faughn, A. P., Jaqua, K., “Mathematical Selfies,” Sponsored by CEAP - SUTEP, Western Carolina University, \$2,500.00. (September 2015 - June 2016).

## **Dr. Thomas C. Johnson**

### **Chapter in Scholarly Book**

Johnson, T. C. (2016). Overview of the U.S. Criminal Justice System and Safety Tips for International Students. In K. Bista & C. Foster (Eds.), *Campus Support Services, Programs, and Policies for International Students* (1st ed., vol. N/A, pp. 264–288). Hershey PA: IGI Global.

### **Journal Article**

Johnson, T. C., Hansen, J. A. (2016). Law enforcement agencies’ participation in the military surplus equipment program. *Policing: An International Journal of Police Strategies and Management*, 39(4), 791–806.

Johnson, T. C., Frick, M. H. (2016). Investigation of millennial students’ responses to a shelter-in-place experience. *Journal of Student Affairs Research and Practice*, 53(4), 14.

### **Presentation**

Johnson, T. C. (Presenter & Author), 72nd Annual Meeting - The American Society of Criminology, “Investigation of South-eastern Colleges and Universities Sharing of Crime Prevention Information to International Students to Help Prevent Off-Campus Victimization,” The American Society of Criminology, New Orleans, LA. (November 16, 2016 - November 19, 2016).

## **Dr. Cheryl A. Johnston**

### **Presentation**

Johnston, C. A. (Presenter & Author), Martin, P. S. (Presenter & Author), Schweikart, J. F. (Presenter & Author), Rollieri, L. N. (Author Only), Brown, J. L. (Author Only), Society for American Archaeology 81st Annual Meeting, “Forensic Archaeological Field Training: Pedagogy and Practice,” Society for American Archaeology, Orlando, FL. (April 7, 2016).

## **Mr. Jeremy B. Jones**

### **Reading of Creative Work**

Jones, J. B., “Mountain Heritage Literary Festival,” Harrogate, TN. (June 10, 2016).

Jones, J. B., “Great Expectations Books,” Rutherfordton, NC. (May 24, 2016).

Jones, J. B., “Glen Rose Literary Festival,” Sevierville, TN, USA. (February 27, 2016).

Jones, J. B., “Thomas Wolfe Memorial Award Ceremony,” Asheville, NC, USA. (February 6, 2016).

### **Blog**

Jones, J. B. (2016). *The Weight of Religious Language Part 2*. Ruminare Magazine. <http://www.ruminatemagazine.com/2016/06/weight-religious-language-part-ii/>

Jones, J. B. (2016). *“The Weight of Religious Language: Part I”*. Ruminare Magazine. <http://www.ruminatemagazine.com/2016/06/weight-religious-language-part-i/>

## Magazine/Trade Publication

Jones, J. B. (2016). *Sweet Talk*. Greensboro, NC: Our State Magazine.

Jones, J. B. (2016). *A Treasury of Tastes*. Greensboro, NC: Our State Magazine. <https://www.ourstate.com/henderson-villes-postero-is-a-treasury-of-tastes/>

## Nonfiction

Jones, J. B. (2016). *Silent Song*. Smoky Mountain Living.

Jones, J. B. (2016). *A Train in the Middle of the World*. Drafthorse: A Literary Journal of Work and No Work. <http://drafthorse.imunet.edu/nonfiction/jones.shtml>

Jones, J. B. (2016). *Leaving Gracias* (3rd ed., vol. 45). Iowa City, IA: The Iowa Review. <http://iowareview.org/>

## Poetry

Jones, J. B. (2016). *Lost and Found on Highway 25 South* (2nd ed., vol. 44). Appalachian Heritage. <http://appalachianheritage.net>

## Presentations

Jones, J. B., Association of Writers and Writing Programs Conference, "What's Form Got to Do With It? Focusing on Form in the Creative Nonfiction Classroom," Association of Writers and Writing Programs, Los Angeles Convention Center, Los Angeles, CA. (March 31, 2016 - April 2, 2016).

Jones, J. B., Association of Writers and Writing Programs Conference, "Writing about Other(ed) Spaces," Association of Writers and Writing Programs, Los Angeles Convention Center, Los Angeles, CA. (March 31, 2016 - April 2, 2016).

## Dr. Karen L. Kandl

### External Grants

Costa, J. T. (Principal), Kandl, K. L. (Principal), Bricker, P. L. (Investigator), "Watershed Moments: Exploring Science and Math in Cullowhee Creek," Sponsored by Burroughs Wellcome Fund, Private. (March 2015 - Present).

Costa, J. T., Martin, T. H., Kandl, K. L., "A Modernized Aquatics Laboratory for Research and Training at Highlands Biological Station," Sponsored by National Science Foundation - FSML program, Federal. (2017 - 2018).

## Dr. David A. Kinner

### Journal Article

Gannon, J. P., Kinner, D. A., Lord, M. L. (2016). Beyond the clean water rule: Impacts of a non-jurisdictional ditch on headwater stream discharge and water chemistry. *Water*, 8(12), 607.

### External Contract

Lord, M. L., Kinner, D. A., "Participation in NC Groundwater Monitoring Network," Sponsored by NC Dept. of Environmental Quality, State. (2015 - Present).

### External Grant

Kinner, D. A., Lord, M. L., "Testing the Benefits of Undergraduate Research-Based Learning at Various Curricular Levels Using Authentic Questions in Hydrogeomorphology," Sponsored by National Science Foundation, Federal, \$199,099.00. (August 1, 2011 - Present).

### Internal Grants

Lord, M. L. (Principal), Kinner, D. A. (Co-Principal), Gannon, J. P. (Co-Principal), "Hydrologic Thresholds for Stormflow and Groundwater Recharge in a Southern Appalachian Watershed with a Complex Environmental History," Sponsored by WCU Provost Office, Western Carolina University. (February 1, 2016 - Present).

Gannon, J. P., Lord, M. L., Kinner, D. A., "A "Significant Nexus": How Does a Drainage Gully in a Headwater Watershed Affect Downstream Water Quality," Sponsored by Provost's Office, Western Carolina University, \$9,996.00. (May 1, 2015 - Present).

## Dr. Brent Kinser

### Journal Articles

Kinser, B. (2016). A Burning Question Answered: The Manuscript of TC to William Graham, 22 April 1835. *Carlyle Studies Annual, Saint Joseph's University Press*, (31), 253-59.

Kinser, B., Yates, L., Butler, G. (2016). The Reunification of the Gladstone Papers in London and Hawarden. *Carlyle Studies Annual, Saint Joseph's University Press*, (31), 219-21.

## **Other Publications**

Kinser, B. (2016). *Gladstone's Notebook* (31st ed., pp. 223-50). Philadelphia, PA: Carlyle Studies Annual, Saint Joseph's University Press.

## **External Grant**

Kinser, B., "The Carlyle Family Photo Albums, and Manuscript Images of Carlyle Letters," Sponsored by The Gladys Kriebel Delmas Foundation, \$12,000.00. (June 2016 - May 2017).

## **Dr. Al M. Kopak, Jr.**

### **Journal Articles**

Kopak, A. M. (2016). The entanglement between relapse and post-treatment criminal justice involvement. *The American Journal of Drug and Alcohol Abuse*, 42(3), 606-613.

Kopak, A. M., Proctor, S., Hoffmann, N. (2016). Indicators of re-arrest among male court mandated substance use treatment patients. *Journal of Criminological Research, Policy, and Practice*, 2(1), 4-14.

Temme, L., Kopak, A. M. (2016). Maximizing recovery through the promotion of mindfulness and spirituality. *Journal of Religion & Spirituality in Social Work: Social Thought*, 35(1-2), 41-56.

Kopak, A. M., Hoffmann, N., Proctor, S. (2016). Key risk factors for relapse and re-arrest among substance use treatment patients involved in the criminal justice system. *American Journal of Criminal Justice*, 41(1), 14-30.

### **Presentation**

Kopak, A. M., "The Temporal Sequence of Relapse and Arrest among Substance Use Treatment Patients: Findings from a 2-year Prospective Study in the United States," Western Society of Criminology, Vancouver, British Columbia. (February 2016).

### **External Grant**

Kopak, A. M., Vaske, J. "Haywood County Jail Intervention Program," Haywood County Sheriff's Office (2016).

## **Dr. William C. Krehling, IV**

### **Internal Grant**

Goehle, G. R., Krehling, W. C., "College of Arts and Sciences Research Grant," Western Carolina University, \$0.00. (January 11, 2017).

## **Dr. Trip J. Krenz, III**

### **Journal Article**

Krenz, R. J., Schoenholtz, S. H., Zipper, C. E. Riparian subsidies and hierarchical effects of ecosystem structure on leaf breakdown in mining-impacted constructed streams of southwestern Virginia coalfields. *Ecological Engineering/Elsevier*.

## **Dr. William R. Kwochka**

### **Presentations**

Kwochka, W. R. (Author Only), Wiebelhaus, N. J. (Presenter & Author), National Conference on Undergraduate Research, "Catalytic Dihydroxylation of Alkenes by Means of Recoverable Osmium Catalyst for Use in Assembling Covalent Organic Frameworks," CUR, Asheville, NC. (April 7, 2016).

Kwochka, W. R. (Author Only), Wiebelhaus, N. J. (Presenter & Author), Research and Scholarship Celebration, "Catalytic Dihydroxylation of Alkenes by Means of Recoverable Osmium Catalyst for Use in Assembling Covalent Organic Frameworks," Honors College and Grad School, Cullowhee, NC. (March 30, 2016).

Kwochka, W. R. (Author Only), Archer, W. R. (Presenter & Author), Pounds, E. (Presenter & Author), Research and Scholarship Celebration, "Synthesis of Molecular Gyroscopes Using Phenyl Boronic Acids," Honors College and Grad School, Cullowhee, NC. (March 30, 2016).

### **External Grant**

Morrison-Shetlar, A. (Principal), Kwochka, W. R. (Co-Principal), "Collaborative Research: L.E.A.R.N.ing To Build STEM Research Communities – A Proposal to Strengthen, Expand, and Disseminate a Successful Retention Model," Sponsored by NSF-IUSE, Federal, \$1,800,000.00. (July 2015 - June 2020).

## Internal Grant

Wielbelhaus, N. J. (Co-Principal), Kwochka, W. R. (Co-Principal), "Catalytic Dihydroxylation of Alkenes by Means of Recoverable Osmium Catalyst," Western Carolina University, \$424.00. (January 2016 - Present).

## Dr. Jeffrey K. Lawson

### Book Review

Lawson, J. K., Rave, M. J. (2017). *Physics from Planet Earth: An Introduction to Mechanics* (1st ed., vol. 85, pp. 76). College Park MD: American Journal of Physics. <http://aapt.scitation.org/doi/10.1119/1.4963909>

### Journal Article

Lawson, J. K., Rave, M. J. (2016). Spacewalks and Amusement Rides: Illustrations of Geometric Phase. *Mathematics Magazine*, 89(2), 105-121. <http://www.maa.org/press/periodicals/mathematics-magazine>

## Dr. Mark L. Lord

### Journal Article

Gannon, J. P., Kinner, D. A., Lord, M. L. (2016). Beyond the Clean Water Rule: Impacts of a Non-Jurisdictional Ditch on Headwater Stream Discharge and Water Chemistry. *Water*, 8(12), 607.

### External Contract

Lord, M. L., Kinner, D. A., "Participation in NC Groundwater Monitoring Network," Sponsored by NC Dept. of Environmental Quality, State. (2015 - Present).

### External Grants

Kinner, D. A., Lord, M. L., "Testing the Benefits of Undergraduate Research-Based Learning at Various Curricular Levels Using Authentic Questions in Hydrogeomorphology," Sponsored by National Science Foundation, Federal, \$199,099.00. (August 1, 2011 - Present).

Kinner, D. (Co-Principal), Lord, M. L., "Testing the Benefits of Undergraduate Research-Based Learning at Various Curricular Levels Usin," Sponsored by National Science Foundation, Federal, \$199,099.00. (August 2011 - June 2016).

### Internal Grants

Lord, M. L. (Principal), Kinner, D. A. (Co-Principal), Gannon, J. P. (Co-Principal), "Hydrologic Thresholds for Stormflow and Groundwater Recharge in a Southern Appalachian Watershed with a Complex Environmental History," Sponsored by WCU Provost Office, Western Carolina University. (February 1, 2016 - Present).

Gannon, J. P., Lord, M. L., Kinner, D. A., "A "Significant Nexus": How Does a Drainage Gully in a Headwater Watershed Affect Downstream Water Quality," Sponsored by Provost's Office, Western Carolina University, \$9,996.00. (May 1, 2015 - Present).

## James E. Machado

### Performances

#### Television

Machado, J. E., "Blackbeard's Ghost and the Queen Anne's Revenge." (March 17, 2016 - Present).

Machado, J. E., "90 Day Fiancé," New York, NY. (July 5, 2016 - August 2, 2016).

Machado, J. E., "Alaskan Bush People," New York, NY. (May 9, 2016 - June 13, 2016).

Machado, J. E., "Winners View Pilot Series," New York, NY. (June 14, 2016 - June 24, 2016).

### Presentation

Machado, J. E. (Panelist), BEA 2016, "Just Get the Shot: Navigating a Changing World of Video Production While Maintaining Standards," Broadcast Education Association, Westgate Hotel and Casino, Las Vegas, NV. (April 19, 2015 - Present).

## Dr. Tom H. Martin

### Publications

Bates, P. C., Miller, J. R., Styers, D. M., Burda, C., Davis, R. W., Martin, T. H., Kloeppel, B. D. (2016). *Natural Resource Condition Assessment for Carl Sandburg Home National Historic Site* (pp. 202 pp). Fort Collins, Colorado: National Park Service.

Bates, P. C., Miller, J. R., Styers, D. M., Langdon, K., Burda, C., Davis, R. W., Martin, T. H., Kloeppel, B. D., McFarland, S. (2016). *Natural Resource Condition Assessment for Great Smoky Mountains National Park* (pp. 478 pp). Fort Collins, Colorado: National Park Service.

Bates, P. C., Miller, J. R., Styers, D. M., Burda, C., Davis, R. W., Martin, T. H., Kloeppel, B. D. (2016). *Natural Resource Condition Assessment for Guilford Courthouse National Military Park* (pp. 163 pp). Fort Collins, Colorado: National Park Service.

#### **External Grant**

Costa, J. T., Martin, T. H., Kandl, K. L., "A Modernized Aquatics Laboratory for Research and Training at Highlands Biological Station," Sponsored by National Science Foundation - FSML program, Federal. (2017 - 2018).

### **Dr. Karen A. Mason**

#### **Publications**

Mason, K. A. (2016). Doretha Dix. *Encyclopedia of Corrections*.

#### **Presentation**

Briggs, L. T. (Presenter & Author), Mason, K. A. (Presenter & Author), "Millennials and Choice of Career in Criminal Justice: An Examination of Survey Results," North Carolina Criminal Justice Association, Raleigh, NC. (February 2016).

### **Dr. Joseph W. Mathews**

#### **Internal Grant**

Yang, W., Crawford, R., Clapp, A. G., Bricker, P. L., Yan, Y., Mathews, J. W., Pechmann, J. H., Mathews, K. G., Youker, R. T., Huffman, S. W., Gomez, E. A., Butcher, K. L., Penland, A. D., "Enriching Science Education: School-University Partnership to promote K-12 Science Education through mentoring for STEM competitions," Sponsored by College of Education and Allied Professions, WCU, Western Carolina University, \$4,000.00. (October 15, 2016 - June 1, 2017).

### **Dr. Katherine G. Mathews**

#### **External Grant**

Mathews, K. G., "Digitization TCN: Collaborative Research: The Key to the Cabinets: Building and Sustaining Research," Sponsored by National Science Foundation, Federal, \$49,734.00. (June 1, 2014 - May 31, 2018).

#### **Internal Grant**

Gainey, M. D. (Co-Principal), Mathews, K. G. (Co-Principal), Bintz, B. J. (Principal), Wallen, J. R. (Investigator), Byrd, B. D. (Investigator), Catley, K. M. (Investigator), "Establishment of CATS-NGS (Consortium for the Advancement of Teaching and Scholarship through Next-Generation Sequencing) to enhance the molecular science infrastructure at WCU," Sponsored by The Office of the Provost and the Office of Research Administration, Western Carolina University, \$14,736.00. (January 1, 2017 - December 31, 2017).

Yang, W., Crawford, R., Clapp, A. G., Bricker, P. L., Yan, Y., Mathews, J. W., Pechmann, J. H., Mathews, K. G., Youker, R. T., Huffman, S. W., Gomez, E. A., Butcher, K. L., Penland, A. D., "Enriching Science Education: School-University Partnership to promote K-12 Science Education through mentoring for STEM competitions," Sponsored by College of Education and Allied Professions, WCU, Western Carolina University, \$4,000.00. (October 15, 2016 - June 1, 2017).

### **Dr. James M. McLachlan**

#### **Chapter in Scholarly Book**

McLachlan, J. M. (2016). "Satan: Romantic Hero or Just Another Asshole: The Desire to be God, The Devil, and the Demon-ic". *Philosophical Approaches to the Devil* (pp. 44-58). New York: Routledge.

#### **Journal Article**

McLachlan, J. M. (2016). "Coercion and Persuasion in Mormon and Process Theologies". *Element: Journal of the Society of Mormon Philosophy and Theology*, 6(1), 71-78. <http://libojs2.uncg.edu/index.php/element>

#### **Presentations**

McLachlan, J. M. (Panelist), Mormon Matter's Podcast, "Adam Miller's Future Mormon," Mormon Stories Foundation, Salt Lake City, UT, United States. (May 16, 2016).

McLachlan, J. M. (Author Only), "The 'Strange Hell of Beauty': Hell in Existential Paris," Department of Jewish Studies University at Buffalo, University at Buffalo, Buffalo, NY, NY. (March 24, 2016).

## External Grant

McLachlan, J. M. "Emmanuel Levinas on Morality, Justice and the Political," Sponsored by SUNY at Buffalo, \$12,070 (2016).

## Dr. Jerry R. Miller

### Publications

Bates, P. C., Miller, J. R., Styers, D. M., Burda, C., Davis, R. W., Martin, T. H., Kloeppel, B. D. (2016). *Natural Resource Condition Assessment for Carl Sandburg Home National Historic Site* (pp. 202 pp). Fort Collins, Colorado: National Park Service.

Bates, P. C., Miller, J. R., Styers, D. M., Langdon, K., Burda, C., Davis, R. W., Martin, T. H., Kloeppel, B. D., McFarland, S. (2016). *Natural Resource Condition Assessment for Great Smoky Mountains National Park* (pp. 478 pp). Fort Collins, Colorado: National Park Service.

Bates, P. C., Miller, J. R., Styers, D. M., Burda, C., Davis, R. W., Martin, T. H., Kloeppel, B. D. (2016). *Natural Resource Condition Assessment for Guilford Courthouse National Military Park* (pp. 163 pp). Fort Collins, Colorado: National Park Service.

### External Grants

Miller, J. R. "A Multi-scale Resilience-based Framework for Restoring and Conserving Great Basin Wet Meadows and Riparian Ecosystems," Sponsored by USDA NRE US Forest Services, \$15,115 (2016).

Miller, J. R. "Collaborative Research: Construction of a Paleoflood Record to Determine the Response and Recovery of the Hyperarid Rio Loa Basin, Northern Chile to Catastrophic Events," NSF Division of Earth Sciences (2016).

Miller, J.R., Lord, M. "Assessing and Prioritizing Great Basin Riparian Wetlands for Conservation and Restoration Using Remote Sensing," Sponsored by the Desert Research Institute (DRI) (2016).

## Dr. Munene F. Mwaniki

### Internal Grant

Sefiha, O. P. (Principal), Mwaniki, M. F. (Co-Principal), "Provost Internal Funding Support Grant," Western Carolina University. (September 6, 2016 - Present).

## Dr. Candy J. Noltensmeyer

### Journal Article

Noltensmeyer, C. J., Meisenbach, R. J. (2016). Emerging patterns of stigma management communication strategies among burn survivors and relational partners. *American Behavioral Scientist*, 60, 1378-1397.

## Ms. Yumiko Ono

### Presentation

Ono, Y., Kano, Y., South Eastern Association of Teachers of Japanese (SEATJ), "Articulation Project of Small Japanese Programs in NC: Collaboration Through the World Language Exchange Online System," American Association of Teachers of Japanese (AATJ), Consulate-General of Japan in Atlanta, The University of North Carolina, Wilmington (UNCW), Wilmington, NC. (February 20, 2016).

## Dr. Lori F. Oxford

### Internal Grant

Oxford, L. F., "Intentional Learning Plan Grant," Sponsored by Undergraduate Studies, Western Carolina University, (February 2016).

## Dr. Nicholas V. Passalacqua

### Journal Articles

Hefner, J. T., Spatola, B. F., Passalacqua, N. V., Gocha, T. P. (2016). Beyond Taphonomy: Exploring Craniometric Variation Among Anatomical Material. *Journal of forensic sciences*, 61(6), 1440-1449.

Passalacqua, N. V., De La Paz, J., Zejdlik, K. (2016). Identification of Missing Norwegian World War II Soldiers, in Karelia Russia. *J Forensic Sci* 2015 60 (4):1104-10. *Journal of forensic sciences*, 61(5), 1405-7.

### Presentations

Megyesi, M. S., Passalacqua, N. V., Chrysostomou, P. T., Dolski, M., "Commingleing among disinterred remains of unknown

U.S. service members from the Korean War,” American Academy of Forensic Sciences, Las Vegas, NV, United States. (February 2016).

Kenyhercz, M. W., Passalacqua, N. V., Hefner, J. T., “Missing data imputation methods using morphoscopic traits and their performance in the estimation of ancestry,” American Academy of Forensic Sciences, Las Vegas, NV. (January 2016).

#### **Internal Grant**

Passalacqua, N. V., “Chancellor’s Travel Fund,” Western Carolina University, \$1,200.00. (January 2016).

### **Dr. Joseph H. Pechmann**

#### **Internal Grant**

Yang, W., Crawford, R., Clapp, A. G., Bricker, P. L., Yan, Y., Mathews, J. W., Pechmann, J. H., Mathews, K. G., Youker, R. T., Huffman, S. W., Gomez, E. A., Butcher, K. L., Penland, A. D., “Enriching Science Education: School-University Partnership to promote K-12 Science Education through mentoring for STEM competitions,” Sponsored by College of Education and Allied Professions, WCU, Western Carolina University, \$4,000.00. (October 15, 2016 - June 1, 2017).

#### **External Grant**

Pechmann, J. H. “Research on Conservation and Recovery of the Endangered Dusky Gopher Frog,” Sponsored by the DOI US Fish and Wildlife Service, \$143,000 (2016).

### **Katie M. Peek**

#### **External Grants**

Young, R., Coburn, A., Thompson, H., Peek, K. “Development of High Hazard Area Criteria and Assessments of Potential Additions to the Coastal Barrier Resources System for Hurricane Sandy Affected Areas,” Sponsored by DOI US Fish and Wildlife Service (2016).

Young, R., Tormey, B., Thompson, H., Peek, K., Barnett, R. “Climate Change Vulnerability Assessments, Adaptation, and Communication,” Sponsored by the National Park Service (2016).

### **Dr. Andrew D. Penland**

#### **Journal Article**

Penland, A., Sunic, Z. (2016). Finitely Constrained Groups of Maximal Hausdorff Dimension. *Journal of the Australian Mathematical Society*, 100(1), 108-123. <https://www.cambridge.org/core/journals/journal-of-the-australian-mathematical-society/article/finutely-constrained-groups-of-maximal-hausdorff-dimension/5AD89387D45967DBAoC26B2027oC5262>

#### **Presentations**

Penland, A. D., Mathfest 2016, “Reflections on a Puzzle-Themed Scavenger Hunt,” Mathematical Association of America, Columbus. (August 4, 2016).

Penland, A. D., Mathematical Association of America Southeastern Section Meeting, “Essential Pattern Groups of Finite Tree Automorphisms,” Mathematical Association of America, University of Alabama-Birmingham, Birmingham, AL. (March 28, 2016).

Penland, A. D., Joint Mathematics Meetings, “Finitely Constrained Groups Having Almost Maximal Hausdorff Dimension,” American Mathematical Society and Mathematical Association of America, Washington State Convention Center, Seattle, WA. (January 9, 2016).

#### **Internal Grant**

Yang, W., Crawford, R., Clapp, A. G., Bricker, P. L., Yan, Y., Mathews, J. W., Pechmann, J. H., Mathews, K. G., Youker, R. T., Huffman, S. W., Gomez, E. A., Butcher, K. L., Penland, A. D., “Enriching Science Education: School-University Partnership to promote K-12 Science Education through mentoring for STEM competitions,” Sponsored by College of Education and Allied Professions, WCU, Western Carolina University, \$4,000.00. (October 15, 2016 - June 1, 2017).

### **Dr. Eleanor A. Petrone**

#### **Journal Articles**

Petrone, E. A. (2016). Reconstructing culture: the promises and challenges as articulated by Latino/a youth. *Ethnography and Education*, 11(1), 21-39.

Petrone, E. A. (2016). A Squandered Resource: The Divestment of Mexican Parental Involvement in a New Gateway State. *The school community journal*, 11(1), 67-91.

Petrone, E. A. (2016). Building the Dream: Transformational Resistance, Community-Based Organizations, and the Civic Engagement of Latinos in the New South. *Democracy and Education*, 24(1), 12.

## **Presentations**

Petrone, E. A. (Presenter & Author), American Education Research Association, "Transformative resistance, community organizations, and the pursuit of social justice." American Education Research Association, Chicago, IL. (April 15, 2015 - Present).

Petrone, E. A. (Presenter & Author), Southeastern Council of Latin American Studies, "The pedagogy of dreamers: Transformational resistance and community organization." Categena, Colombia. (March 12, 2016).

## **External Grants**

Petrone, E. A., Winter, K. K., "Cultivating Holistic Supports for English Learners (CHISEL)," Sponsored by Office of English Language Acquisition, a division of the US Department of Education., Federal. (2016 - 2021).

Winter, K. K., Petrone, E. A., "After School Quality Improvement Grant," Sponsored by North Carolina Department of Public Instruction, State, \$28,588,600.00. (January 2015 - August 2016).

## **External Sponsored Research**

Winter, K. K., Petrone, E. A., "Education Research Grant," Sponsored by Institute of Education Sciences (IES), Federal. (2016).

## **Internal Sponsored Research**

Petrone, E. A., Winter, K. K., "The Impact of a Linguistically Responsive Learning Context on the Self- Efficacy of Pre-Service Teachers' Preparing to Work with English Language Learners." Sponsored by Provost's Research Incentive Grant, Western Carolina University, Western Carolina University, \$0.00. (March 1, 2016 - Present).

## **Mr. Matthew J. Rave**

### **Book Review**

Lawson, J. K., Rave, M. J. (2017). *Physics from Planet Earth: An Introduction to Mechanics* (1st ed., vol. 85, pp. 76). College Park MD: American Journal of Physics. <http://aapt.scitation.org/doi/10.1119/1.4963909>

### **Journal Article**

Lawson, J. K., Rave, M. J. (2016). Spacewalks and Amusement Rides: Illustrations of Geometric Phase. *Mathematics Magazine*, 89(2), 105-121. <http://www.maa.org/press/periodicals/mathematics-magazine>

## **Dr. Brett H. Riggs**

### **External Grants**

Riggs, B. H., Dobbs, G. R. "Tsalagi Uweti Traditional Landscapes Mapping Project," Sponsored by Cherokee Preservation Foundation, Other, \$19,996.20. (May 15, 2016).

Riggs, B.H. "Cultural Landscape Inventory and Report for the Trail of Tears National Historic Trail and Unicoi Turnpike," Sponsored by the USDA National Forest Service, \$75,000 (2016).

### **Sponsored Research**

Riggs, B. H. "Archaeological Remote Sensing Investigations at Ft. Cass Tennessee," Sponsored by National Park Service, Federal, \$19,999.67. (November 1, 2015 - Present).

## **Dr. Heather N. S. Rimes**

### **Presentation**

Rimes, H. N. S. (Presenter & Author), Anderson, D. (Author Only), Slade, C. (Author Only), Welch, J. (Author Only), Public Values Consortium 5th Biennial Workshop, "Towards a Theory of Public Value Managerialism: Examining CEO attitudes towards technological development in hospitals," Center for Organizational Research and Design Arizona State University, Phoenix, AZ. (January 8, 2016).

## **Dr. Honor R. Sachs**

### **Blog**

Sachs, H. (2016). *The Old Threadbare Lie Behind North Carolina's HB2*. Huffington Post.

## Book Review

Sachs, H. (2016). *Review of The Road to Black Ned's Forge: A Story of Race, Sex, and Trade on the Colonial American Frontier* (vol. 73, pp. 582-585). *William and Mary Quarterly*.

## Presentations

Sachs, H. (Panelist), Society for Historians of the Early American Republic, "Slave Legal Literacy in Early National Virginia," Society for Historians of the Early American Republic, New Haven, CT. (July 2016).

Sachs, H. (Discussant), St. George Tucker Society Meeting, "The Significance of Thomas Jefferson as Western Founder in Frederick Jackson Turner's Frontier History," St. George Tucker Society Meeting, Asheville, NC. (July 2016).

## External Grant

Sachs, H. (Principal), "Franklin Research Grant," Sponsored by American Philosophical Society, Private. (2016).

## Internal Grant

Sachs, H. (Principal), "Chancellor's Travel Fund," Sponsored by Western Carolina University, Western Carolina University. (2013 - 2016).

## Dr. Arthur L. Salido

### Internal Grants

Salido, A. L., "Strategies to promote stem undergraduate education at WCU," Sponsored by WCU, Western Carolina University, \$1,500.00. (November 1, 2014 - Present).

Salido, A. L., "Advancing what works in STEM education," Sponsored by wcu, Western Carolina University, \$3,200.00. (July 1, 2014 - Present).

## Dr. Jennifer S. Schiff

### Journal Article

Schiff, J. S. (2016). Masquerading as Compliance: Tracing Canada's Policy Implementation of the Human Right to Water. *Journal of Human Rights Practice*, 8(2), 264-283.

## Dr. Andrew S. Scott

### Conference Proceedings

Scott, A. S., Barlowe, S. A. (2016). *How Software Works: Computational Thinking and Ethics before CS1* (pp. 8 Pages). New York, NY: IEEE Frontiers in Education Conference (FIE), 2016.

## External Grant

Scott, A. S. "Investigating Practices in Teamwork Learning for Technology Programs," Sponsored by Purdue University, (2016).

## Dr. Ophir P. Sefiha

### Book, Scholarly

Sefiha, O., Brown, S. (Eds.). *The Routledge Handbook of Deviance*. New York: Routledge.

## Presentation

Briggs, L. T., Sefiha, O. P., Burgason, K. A., "But is it cheating?" Evolving Expectations of Online Academic Dishonesty." *Academy of Criminal Justice Sciences*, Denver, CO. (March 2016).

## Internal Grant

Sefiha, O. P. (Principal), Mwaniki, M. F. (Co-Principal), "Provost Internal Funding Support Grant," Western Carolina University. (September 6, 2016 - Present).

## Dr. Michelle J. Sorensen

### Presentation

Sorensen, M. J., Buddhism, Humanities, and Ethnographic Methods Conference, "Politics and Poetics in the Field: On Conducting Research with Female Practitioners of Buddhist Chöd," University of Vermont Humanities Center, Depart-

## **Dr. Benjamin A. Steere**

### **Journal Article**

Hally, D. J., Steere, B. A., Beahm, E. L., Bergh, S., Bigman, D. P., Colaninno-Meeks, C. E., Keith, S., Smith, K. Y., Snow, F., Stephenson, K. (2016). Swift Creek Vessel Forms and Vessel Assemblages in Northern and Central Georgia. *Early Georgia*, 43(1/2), 41-86. <http://thesga.org/category/publications/early-georgia-publications/>

### **Presentation**

Steere, B. A., 81st Annual Meeting of the Society for American Archaeology, "Mississippian Communities and Households from a Bird's-Eye View," Society for American Archaeology, Sheraton Swan and Dolphin Resort, Orlando, FL. (April 8, 2016).

## **Dr. Diane M. Styers**

### **Journal Article**

Zhang, Z., Kazakova, A., Moskal, L. M., Styers, D. M. (2016). Object-Based Tree Species Classification in Urban Ecosystems Using LiDAR and Hyperspectral Data. *Forests*, 7(6), 122. <http://www.mdpi.com/1999-4907/7/6/122>

### **Other Publications**

Bates, P. C., Miller, J. R., Styers, D. M., Burda, C., Davis, R. W., Martin, T. H., Kloeppel, B. D. (2016). *Natural Resource Condition Assessment for Carl Sandburg Home National Historic Site* (pp. 202 pp). Fort Collins, Colorado: National Park Service.

Bates, P. C., Miller, J. R., Styers, D. M., Langdon, K., Burda, C., Davis, R. W., Martin, T. H., Kloeppel, B. D., McFarland, S. (2016). *Natural Resource Condition Assessment for Great Smoky Mountains National Park* (pp. 478 pp). Fort Collins, Colorado: National Park Service.

Bates, P. C., Miller, J. R., Styers, D. M., Burda, C., Davis, R. W., Martin, T. H., Kloeppel, B. D. (2016). *Natural Resource Condition Assessment for Guilford Courthouse National Military Park* (pp. 163 pp). Fort Collins, Colorado: National Park Service.

### **Presentations**

Waters-Tormey, C., Styers, D. M., Allen, K., Hayes, I., Geological Society of America Annual Meeting, "Combining Geological Mapping and LiDAR Data to Characterize Fracture Patterns in Poorly Exposed Crystalline Bedrock in the Southern Appalachians, Western NC," Geological Society of America (GSA), Colorado Convention Center, Denver, CO. (September 26, 2016).

Douglas, M., Tanner, B. R., Styers, D. M., Geological Society of America Annual Meeting, "Paleoclimate Record for Ocala National Forest," Geological Society of America (GSA), Colorado Convention Center, Denver, CO. (September 25, 2016).

Styers, D. M., DeWald, L. E., Wasserberg, G., Byrd, B. D., American Mosquito Control Association 82nd Annual Meeting, "Integration of mosquito ecology laboratory exercises into biological, geoscience, and environmental science courses: using ovitraps to create authentic learning experiences," American Mosquito Control Association (AMCA), Savannah International Trade & Convention Center, Savannah, GA. (February 9, 2016).

### **External Contract**

Byrd, B. D. (Principal), Richards, S. L. (Co-Principal), Reiskind, M. H. (Co-Principal), Styers, D. M., "Mosquito Survey and Zika Entomologic Risk Assessment," Sponsored by Centers for Disease Control and Prevention via NC Department of Health and Human Services, Federal. (October 2016 - Present).

### **External Grant**

Huffman, C. L. (Principal), Perry, L. G. (Co-Principal), Cruz, L. E. (Co-Principal), Wallen, J. R. (Co-Principal), Imre, I. (Co-Principal), Styers, D. M. (Co-Principal), Gainey, M. D. (Investigator), Byrd, B. D. (Investigator), "Inclusive Excellence Grants 2017 Pre-Proposal," Sponsored by Howard Hughes Medical Institute, Private. (September 1, 2015 - May 3, 2016).

### **Sponsored Research**

Styers, D. M. (Co-Principal), Cervený, L. K. (Co-Principal), "Land use/Land cover and Community Demographics: Implications to Natural Resource Management in and around Olympic and Great Smoky Mountains National Parks," Sponsored by United States Forest Service, Federal, \$24,996.00. (August 20, 2012 - Present).

### **Internal Grants**

Styers, D. M. (Principal), "WCU Campus Tree Map," Sponsored by WCU Office of Sustainability and Energy Management, Western Carolina University, \$7,150.00. (August 22, 2016 - Present).

Styers, D. M. (Co-Principal), Tanner, B. R. (Co-Principal), "Isolated Wetlands - a WCU, USFS Collaboration," Sponsored by WCU Provost's Office, Western Carolina University, \$10,000.00. (October 12, 2015 - Present).

## **Dr. Jack S. Summers**

### **Research Report**

Summers, J. S. (2016). *GUI code for connecting your computer to your microcontroller..* PublicLab.org. <https://publiclab.org/notes/JSummers/01-01-2016/gui-code-for-connecting-your-computer-to-your-microcontroller>.

### **External Grants**

Summers, J. S. (Principal), Gannon, J. P. (Co-Principal), Gomez, E. A. (Co-Principal), Pierce, S. (Co-Principal), "EAGER: MAK-ER: Leveraging maker technologies to improve and broaden rural STEM education," Sponsored by National Science Foundation, Federal. (December 15, 2015 - Present).

Summers, J. S. (Principal), Gannon, J. P., Gomez, E., Pierce, S., "Eager: Maker: Leveraging Maker technologies to improve and broaden rural STEM education," Sponsored by National Science Foundation, Federal. (June 2016 - May 2018).

## **Blair Tormey**

### **External Grant**

Young, R., Tormey, B., Thompson, H., Peek, K., Barnett, R. "Climate Change Vulnerability Assessments, Adaptation, and Communication," Sponsored by the National Park Service (2016).

## **Holli Thompson**

### **External Grants**

Young, R., Coburn, A., Thompson, H., Peek, K. "Development of High Hazard Area Criteria and Assessments of Potential Additions to the Coastal Barrier Resources System for Hurricane Sandy Affected Areas," Sponsored by DOI US Fish and Wildlife Service (2016).

Young, R., Tormey, B., Thompson, H., Peek, K., Barnett, R. "Climate Change Vulnerability Assessments, Adaptation, and Communication," Sponsored by the National Park Service (2016).

## **Dr. Jamie C. Vaske**

### **Presentations**

Vaske, J. C., "How biosocial criminology can inform and improve treatment outcomes," Academy of Criminal Justice Sciences, Denver, CO. (March 2016).

Murray, B., Vaske, J. C., "A survey of girls and women's courts in the United States," North Carolina Criminal Justice Association, Raleigh, NC. (February 4, 2016).

Winze, B., Vaske, J. C., "Communication between state law enforcement and the media: Strategies and challenges," North Carolina Criminal Justice Association, Raleigh, NC. (February 4, 2016).

### **External Grants**

Vaske, J. C., "Multi-site evaluations of courts on the frontline: Systematically assessing implementation and intermediate outcomes in veterans treatment courts," Sponsored by National Institute of Justice, Federal. (January 2016 - Present).

Kopak, A. M., Vaske, J. "Haywood County Jail Intervention Program," Haywood County Sheriff's Office (2016).

## **Dr. Jim R. Veteto**

### **Chapter in Scholarly Book**

Nabhan, G. P., Veteto, J. R. (2016). The Ethnobiology of Survival in Post-Apocalyptic Dystopias. *Ethnobiology for the Future: Linking Cultural and Ecological Diversity* (1st ed., pp. 277-287). Tucson, AZ: University of Arizona Press.

### **Regular Column in Journal or Newspaper**

Veteto, J. R. (2016). On the Continued Relevance of Agricultural Anthropology. *Anthropology News*, 57(7-8), 43. <http://www.anthropology-news.org/index.php/2016/05/18/on-the-continued-relevance-of-agricultural-anthropology/>

### **Presentations**

Veteto, J. R. (Presenter & Author), The Food Summit: Seeding Community Resilience, "Resilient Cultures, Resilient Seeds:

Biocultural Diversity in Southern Appalachia,” Appalachian State University, Blue Ridge Women in Agriculture, Appalachian State University, Boone, NC. (April 2, 2016 - Present).

Veteto, J. R., Williams, M. N. (Presenter & Author), 57th Annual Meeting of the Society for Economic Botany, “Biodiversity in a Bottle: The Mead Circle Phenomenon in Western North Carolina,” Society for Economic Botany, Pine Mountain Settlement School, Harlan, KY, USA. (2016).

Veteto, J. R. (Presenter & Author), 39th Annual Conference of the Society of Ethnobiology, “Permaculture as Ethnoecological Design Science at the Appalachian Institute for Mountain Studies,” Society of Ethnobiology, University of Arizona, Tucson, AZ. (March 18, 2006 - March 18, 2016).

### External Grant

Veteto, J. R. (Principal), “Climate Change in Southern Appalachia: Perceptions from the Eastern Band of Cherokee Indians,” Sponsored by Cherokee Preservation Foundation, Revitalizing Cherokee Traditional Artisan Resources, Local, \$19,419.00. (June 15, 2016 - October 15, 2017).

## Dr. Jeffrey D. Vickery

### Presentation

Ali, S. (Panelist), “How Can Jews, Christians, and Muslims Get Along?” Philosophy and Religion, Muslim Student Assoc., and Holocaust Studies, Appalachian State University, Boone, NC. (April 18, 2016).

## Dr. John C. Wagaman

### Journal Article

Goehle, G. R., Wagaman, J. C. (2016). The Impact of Gamification in Web Based Homework. *PRIMUS*, 27(3), 557-569.

## Dr. Jamie R. Wallen

### Journal Article

Wallen, J. R., Zhang, H., Weis, C., Cui, W., Foster, B. M., Ho, C. M., Hammel, M., Tainer, J. A., Gross, M. L., Ellenberger, T. (2017). Hybrid Methods Reveal Multiple Flexibly Linked DNA Polymerases within the Bacteriophage T7 Replisome. *Structure (London, England: 1993)*, 25(1), 157-166.

### Other Publication

Biederman, W., Baliraine, F. N., Batchenkova, N., Beeser, A., Bonetta, L., Caslake, L., Ceballos, R. M., Chung, H. -M., Conant, S. B., Dalia, R., D'Angelo, W., DeCourcy, K., Eckardt, M. A., Fogarty, M. P., Frederick, G. D., Gainey, M. D., Hendrickson, H., Herren, C. D., Ho, E., Jenson, M., Kagey, J. D., Leadon, S., Little, J. L., Joshua, M., Mavrodi, D. V., Moberg-Parker, J., Olapade, O., Overath, R. D., Pape-Zambito, D., Pirino, G., Ryder, E. F., Saha, S., Saville, K., Schmeier, S., SmithCaldas, M., Sunnen, C. N., Thomson, J., Vargas-Bianco, D. A., Voshell, S. M., Wallen, J. R., Whitefleet-Smith, J. L., Anders, K. R., Edgington, N. P., Asai, D. J., Bradley, K. W., Poxleitner, M., Sivanathan, V., Bowman, C. A., Russell, D. A., Pope, W. H., Jacobs-Sera, D., Cresawn, S. G., Hendrix, R. W., Hatfull, G. F. (2016). *Mycobacterium phage NaSiATalie, complete genome KU297783*. GenBank.

### Presentations

Boggs, J. (Presenter & Author), Wallen, J. R. (Author Only), Bose, I. (Author Only), Fourth Annual Cellular Biology of Eukaryotic Pathogens Symposium, “Characterization of DNA Polymerase Gamma in *Cryptococcus neoformans*,” Eukaryotic Pathogens Innovation Center, Clemson University Watt Center, Clemson, SC. (November 17, 2016 - November 18, 2016).

Plaza-Rodriguez, A. (Presenter & Author), Crowley, C. M. (Author Only), Butler, A. (Author Only), Wallen, J. R. (Author Only), St. Jude National Undergraduate Research Symposium, “Characterization of amino acids critical to  $\gamma$ -Glycerophosphate Oxidase Catalysis,” St. Jude Children's Research Hospital, St. Jude Children's Research Hospital, Memphis, TN. (July 14, 2016 - July 17, 2016).

Plaza-Rodriguez, A. (Presenter & Author), Butler, A. (Author Only), Crowley, C. M. (Author Only), Wallen, J. R. (Author Only), St. Jude National Undergraduate Research Symposium, “Validation of the  $\alpha$ -Glycerophosphate Oxidase Catalytic Mechanism via Site-Directed Mutagenesis,” St. Jude Children's Research Hospital, St. Jude Children's Research Hospital, Memphis, TN. (July 14, 2016 - July 17, 2016).

Cafferty, E. (Presenter & Author), McGinnis, R. (Presenter & Author), Eckardt, M. A. (Author Only), Wallen, J. R. (Author Only), Gainey, M. D. (Author Only), 8th Annual SEA-PHAGES Symposium, “Preliminary Cluster Typing of 20 Novel Bacteriophages Discovered at Western Carolina University,” Howard Hughes Medical Institute, Janelia Research Campus, Ashburn, VA. (June 12, 2016).

Cafferty, E. (Presenter & Author), McGinnis, R. (Presenter & Author), Eckardt, M. A. (Author Only), Wallen, J. R. (Author

Only), Gainey, M. D. (Author Only), 8th Annual SEA-PHAGES Symposium, "Preliminary Cluster Typing of 20 Novel Bacteriophages Discovered at Western Carolina University," Howard Hughes Medical Institute, Janelia Research Campus, Ashburn, VA. (June 10, 2016 - June 12, 2016).

Stevens, A. (Presenter & Author), Edwards, M. (Presenter & Author), Eckardt, M. A. (Author Only), Wallen, J. R. (Author Only), Gainey, M. D. (Author Only), National Conference on Undergraduate Research, "Classification of 21 Novel Mycobacteriophages Isolated at Western Carolina University," Council on Undergraduate Research, University of North Carolina Asheville, Asheville, NC. (April 9, 2016).

Plaza-Rodriguez, A. (Presenter & Author), Butler, A. (Presenter & Author), Wallen, J. R. (Author Only), National Conference on Undergraduate Research, "Validation of the Alpha-Glycerophosphate Oxidase Catalytic Mechanism via Site-Directed Mutagenesis," Council on Undergraduate Research, University of North Carolina Asheville, Asheville, NC. (April 9, 2016).

McGinnis, R. (Presenter & Author), Burns, B. (Presenter & Author), Eckardt, M. A. (Author Only), Wallen, J. R. (Author Only), Gainey, M. D. (Author Only), National Conference on Undergraduate Research, "Discovery and Classification of 2 Temperate Bacteriophages via Viral Immunity Testing," Council on Undergraduate Research, University of North Carolina Asheville, Asheville, NC. (April 7, 2016).

Collins, J. (Presenter & Author), Foster, B. M. (Author Only), Wallen, J. R. (Author Only), National Conference on Undergraduate Research, "Investigation of Amino Acid Residues in the C-Terminal Tail of Bacteriophage T7 Single-Stranded DNA Binding Protein Predicted to Bind DNA Polymerase," Council on Undergraduate Research, University of North Carolina Asheville, Asheville, NC. (April 7, 2016).

Cafferty, E. (Presenter & Author), Kernodle, S.-A. (Presenter & Author), Eckardt, M. A. (Author Only), Wallen, J. R. (Author Only), Gainey, M. D. (Author Only), National Conference on Undergraduate Research, "The Discovery and Comparison of Two Temperate Bacteriophages and Their Repressors," Council on Undergraduate Research, University of North Carolina Asheville, Asheville, NC. (April 7, 2016).

Farris, L. (Presenter & Author), Stanley, M. (Presenter & Author), Wright, P. (Presenter & Author), McGinnis, R. (Author Only), Gainey, M. D. (Author Only), Wallen, J. R. (Author Only), Eckardt, M. A. (Author Only), Research and Scholarship Celebration, "Discovery, Isolation, Characterization and Genome Annotation of Unique Bacteriophage Species," Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 31, 2016).

McDonough, M. (Presenter & Author), Hodge, J. (Presenter & Author), Campbell, K. (Presenter & Author), Eckardt, M. A. (Author Only), Wallen, J. R. (Author Only), Gainey, M. D. (Author Only), Research and Scholarship Celebration, "Benefits of Bacteriophage Research," Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

Stevens, A. (Presenter & Author), Edwards, M. (Presenter & Author), Eckardt, M. A. (Author Only), Wallen, J. R. (Author Only), Gainey, M. D. (Author Only), Research and Scholarship Celebration, "Classification of 21 Novel Mycobacteriophages Isolated at Western Carolina University," Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

McGinnis, R. (Presenter & Author), Burns, B. (Presenter & Author), Wallen, J. R. (Author Only), Eckardt, M. A. (Author Only), Gainey, M. D. (Author Only), Research and Scholarship Celebration, "Discovery and Classification of Temperate Bacteriophages Via Viral Immunity Testing," Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

Flowers, J. (Presenter & Author), Harvey, A. (Presenter & Author), Kent, S. (Presenter & Author), Sargent, R. (Author Only), Eckardt, M. A. (Author Only), Gainey, M. D. (Author Only), Wallen, J. R. (Author Only), Research and Scholarship Celebration, "Genome Annotation of Bacteriophage Serendipitous: An Unknown Threat to Bacteria," Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

Collins, J. (Presenter & Author), Foster, B. M. (Author Only), Wallen, J. R. (Author Only), Research and Scholarship Celebration, "Investigation of Amino Acid Residues in the C-Terminal Tail of Bacteriophage T7 Single-Stranded DNA Binding Protein Predicted to Bind DNA Polymerase," Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

Crowley, C. M. (Presenter & Author), Butler, A. (Author Only), Plaza-Rodriguez, A. (Author Only), Claiborne, A. (Author Only), Wallen, J. R. (Author Only), Research and Scholarship Celebration, "Investigation of the catalytic mechanism of Mycoplasma pneumoniae L-alpha-glycerophosphate oxidase: Mutation of the proposed catalytic base," Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

McDaniel, T. (Presenter & Author), Hastings, A. (Presenter & Author), Stephens, K. (Presenter & Author), Mason, A. (Presenter & Author), Gainey, M. D. (Author Only), Wallen, J. R. (Author Only), Eckardt, M. A. (Author Only), Research and Scholarship Celebration, "Mycobacteriophages: From Discovery to Gene Calling," Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

Wright, P. (Presenter & Author), Stanley, M. (Presenter & Author), Farris, L. (Presenter & Author), McGinnis, R. (Author Only), Gainey, M. D. (Author Only), Wallen, J. R. (Author Only), Eckardt, M. A. (Author Only), Research and Scholarship Celebration, "The Discovery, Isolation, Characterization and Genome Annotation of Unique Bacteriophage Species," Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

Wallen, J. R. (Presenter & Author), Foster, B. M. (Presenter & Author), Collins, J. (Author Only), Farris, L. (Author Only), Stevens, A. (Author Only), Gainey, M. D. (Author Only), Research and Scholarship Celebration, "Using Bacteriophages

as Model Systems to Understand the Fundamental Process of DNA Replication,” Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

Plaza-Rodriguez, A. (Presenter & Author), Butler, A. (Presenter & Author), Crowley, C. M. (Author Only), Wallen, J. R. (Author Only), Research and Scholarship Celebration, “Validation of the alpha-Glycerophosphate Oxidase Catalytic Mechanism via Site-Directed Mutagenesis,” Western Carolina University, Ramsey Arena, Cullowhee, NC. (March 30, 2016).

## External Grants

Wallen, J. R. (Co-Principal), Gainey, M. D. (Co-Principal), “HHMI SEA-PHAGES Project 2015-2016,” Sponsored by Science Education Alliance-Phage Hunters Advancing Genomics and Evolutionary Science Project, Howard Hughes Medical Institute, Private, \$14,000.00. (August 17, 2015 - Present).

Huffman, C. L. (Principal), Perry, L. G. (Co-Principal), Cruz, L. E. (Co-Principal), Wallen, J. R. (Co-Principal), Imre, I. (Co-Principal), Styers, D. M. (Co-Principal), Gainey, M. D. (Investigator), Byrd, B. D. (Investigator), “Inclusive Excellence Grants 2017 Pre-Proposal,” Sponsored by Howard Hughes Medical Institute, Private. (September 1, 2015 - May 3, 2016).

Evanoff, D. D. (Principal), Bintz, B. J. (Co-Principal), Bose, I. (Co-Principal), De Silva, C. R. (Co-Principal), Wallen, J. R. (Co-Principal), Youker, R. T. (Co-Principal), “Acquisition of a Malvern Zetasizer Nano ZS for the facilitation of Multi-Disciplinary Biotechnology Research at WCU,” Sponsored by Institutional Development Grant, North Carolina Biotechnology Center, State, \$47,750.00. (April 1, 2015 - March 31, 2016).

## Internal Grants

Gainey, M. D. (Co-Principal), Mathews, K. G. (Co-Principal), Bintz, B. J. (Principal), Wallen, J. R. (Investigator), Byrd, B. D. (Investigator), Catley, K. M. (Investigator), “Establishment of CATS-NGS (Consortium for the Advancement of Teaching and Scholarship through Next-Generation Sequencing) to enhance the molecular science infrastructure at WCU,” Sponsored by The Office of the Provost and the Office of Research Administration, Western Carolina University, \$14,736.00. (January 1, 2017 - December 31, 2017).

Wallen, J. R. (Co-Principal), Bose, I. (Co-Principal), “Investigation of a DNA Polymerase in the Mitochondria of the Human Pathogenic Yeast *Cryptococcus neoformans* Predicted to be Essential for Infection,” Sponsored by Provost's Internal Funding Support Grant, Western Carolina University, \$12,950.00. (January 1, 2016 - December 31, 2017).

## Dr. Cheryl Waters-Tormey

### Journal Article

Waters-Tormey, C., Ashley, K., Jones, D., T. R. (2016). The Mount Hay block, central Australia: Another puzzle piece for Pale-Mesoproterozoic tectonic history. *Precambrian Research*, 281, 537-565. <http://dx.doi.org/10.1016/j.precamres.2016.03.006>

### Presentations

Waters-Tormey, C., Styers, D. M., Allen, K., Hayes, I., Geological Society of America Annual Meeting, “Combining Geological Mapping and LiDAR Data to Characterize Fracture Patterns in Poorly Exposed Crystalline Bedrock in the Southern Appalachians, Western NC,” Geological Society of America (GSA), Colorado Convention Center, Denver, CO. (September 26, 2016).

### Internal Grant

Waters-Tormey, C., “Undergraduate research project: Determination of bedrock fracture patterns using LiDAR imagery in the Panthertown, NC, area,” Sponsored by WCU College of Arts and Sciences, Western Carolina University, \$1,000.00. (December 2015 - Present).

## Dr. John F. Whitmire

### Presentation

Whitmire, J. F., Conversations about Living Existentialism, “Un lent apprentissage du reel,” Villanova University Department of Philosophy, Villanova University, Villanova, PA. (April 22, 2016).

## Dr. John A. Williams

### Presentation

Williams, J. A., Mid-Atlantic Bioanthropology Interest Group, “Evidence of Scalping in a Northern Plains Woodland Population,” Richmond, VA. (October 15, 2016).

## Dr. Mesfin A. Woldeyohannes

### Conference Proceeding

McCray, W., Woldeyohannes, M., Yang, W. (2016). Matlab model of Heintzmann and Cremer's super resolution technique. *SoutheastCon 2016* (pp. 1-4).

## **Sarah W. Workman**

### **External Grants**

Workman, S., Costa, J. T., Brannon, M., Funderburk, R. "Highlands Biological Station: Enhancing Nature Center Outreach and Public Education Programs," Sponsored by the Institute of Museum and Library Services, (2016).

Bricker, P. L., Schwab, B., Costa, J. T., Workman, S. "Western North Carolina STEM Master Teaching Fellows Project," Sponsored by North Carolina State University, (2016).

## **Dr. Paul M. Worley**

### **Museum Exhibition**

Worley, P. M., Drury, D. M., Rios, A., Rincón, S., "The Language of Weaving: Contemporary Maya Textiles," Cullowhee, NC. (September 12, 2016 - November 7, 2016).

### **Book Review**

Worley, P. M. (2016). *Rev. of Place and Identity in Classic Maya Narratives by Alexandre Tokovinine* (1st ed., vol. 19). Diálogo.

### **Journal Articles**

Worley, P. M. (2017). "Máseual excluido/Indio permitido: Neoliberal Translation in Waldemar Noh Tzec. *Latin American Caribbean Ethnic Studies*.

Worley, P. M. (2016). Pan-Maya and Trans-Indigenous: The Living Voice of the Chilam Balam in Victor Montejo and Leslie Marmon Silko. *Studies in American Indian Literatures*, 28(1).

### **Presentations**

Worley, P. M., Philological Association of the Carolinas (PAC), "If we accept poverty: An Ethics of Irony in Rufo's 'Es que somos muy pobres,'" Philological Association of the Carolinas, Charlotte, NC. (March 2016).

Worley, P. M., Southeastern Council on Latin American Studies (SECOLAS), ""No es necesariamente escritura, pero sí podría llamar ts'ib': Las textualidades mayas frente a la letra," Southeastern Council on Latin American Studies, Cartagena, Colombia. (March 2016).

Worley, P. M., Modern Languages Association (MLA), "Blame My Genes': Multilingual Political Histories of Zapotec Immigration in Lamberto Roque Hernández," Modern Languages Association, Austin, TX. (January 2016).

### **Internal Grants**

Worley, P. M., Drury, D. M. (Co-Principal), "Maya Arts as Maya Literature: Maya Textiles and Storytelling Traditions in Mexico and Western NC," Sponsored by Office of the Provost, Western Carolina University, \$10,920.00. (November 2015 - January 2017).

Worley, P. M. (Principal), Rios, A. (Co-Principal), "Maya Arts as Maya Literature: Maya Textiles and Storytelling Traditions in Mexico and Western NC," Sponsored by WCU Honors College, Western Carolina University. (June 2016 - August 2016).

## **Dr. Robert T. Youker**

### **Presentations**

Youker, R. T. (Author Only), Ebert, L. (Presenter & Author), Sigma Xi Annual Meeting and Student Research Conference, "Creation and characterization of a fluorescently-tagged proteasome cell line for use in protein aggregation studies," Sigma Xi - The Scientific Research Honor Society, Atlanta, GA. (November 2016).

Youker, R. T. (Author Only), Nelson, J. (Presenter & Author), Sigma Xi Annual Meeting and Student Research Conference, "Distinct Spatial Organization for Two Misfolded Proteins during Aggresome Biogenesis in HEK293 cells." Sigma Xi - The Scientific Research Honor Society, Atlanta, GA. (November 2016).

Youker, R. T., Ivey, G. (Presenter & Author), Sigma Xi Annual Meeting and Student Research Conference, "Statistical coupling analysis reveals alteration of amino acid interactions in Cystic Fibrosis disease causing mutations located in the NBD2 domain of CFTR," Sigma Xi - The Scientific Research Honor Society, Atlanta, GA. (November 2016).

Youker, R. T. (Author Only), Lee, J. (Presenter & Author), Dragan, N. (Author Only), Martin, G. (Author Only), De Silva, C. (Author Only), SERMACS, "Synthesis, Characterization, and In Vivo Cellular Imaging of Europium (III)-doped Zinc Oxide Nanoparticles," ACS, Columbia, SC. (October 2016).

## External Grant

Evanoff, D. D. (Principal), Bintz, B. J. (Co-Principal), Bose, I. (Co-Principal), De Silva, C. R. (Co-Principal), Wallen, J. R. (Co-Principal), Youker, R. T. (Co-Principal), "Acquisition of a Malvern Zetasizer Nano ZS for the facilitation of Multi-Disciplinary Biotechnology Research at WCU," Sponsored by Institutional Development Grant, North Carolina Biotechnology Center, State, \$47,750.00. (April 1, 2015 - March 31, 2016).

## Internal Grant

Yang, W., Crawford, R., Clapp, A. G., Bricker, P. L., Yan, Y., Mathews, J. W., Pechmann, J. H., Mathews, K. G., Youker, R. T., Huffman, S. W., Gomez, E. A., Butcher, K. L., Penland, A. D., "Enriching Science Education: School-University Partnership to promote K-12 Science Education through mentoring for STEM competitions," Sponsored by College of Education and Allied Professions, WCU, Western Carolina University, \$4,000.00. (October 15, 2016 - June 1, 2017).

## Dr. Robert Young

### External Grants

Young, R., Coburn, A., Thompson, H., Peek, K. "Development of High Hazard Area Criteria and Assessments of Potential Additions to the Coastal Barrier Resources System for Hurricane Sandy Affected Areas," Sponsored by DOI US Fish and Wildlife Service (2016).

Young, R., Tormey, B., Thompson, H., Peek, K., Barnett, R. "Climate Change Vulnerability Assessments, Adaptation, and Communication," Sponsored by the National Park Service (2016).

## College of Business

## Dr. Vittal Anantatmula

### Books

Anantatmula, V. (2016). *Project Teams: A Systematic Development Approach*. New York, NY: Business Expert Press.

Anantatmula V., Rad, P. (2016). *Attributes of Project-Friendly Enterprises*. New York, NY: Business Expert Press.

### External Grant

Creasy, R. T. (Investigator), Anantatmula, V. (Principal), "The effects of team dynamics and project manager personality dimensions toward successful project outcomes as mediated by Agile and traditional team compositions," Sponsored by Project Management Institute, Private, \$0.00. (March 10, 2016 - April 20, 2016).

### Sponsored Research

Anantatmula, V. (Investigator), "The Effects of Cultural Perspectives on Perceptions of IS/IT Project Success and Failure," Sponsored by Project Management Institute, Private, \$41,000.00.

## Dr. Debasish Banerjee

### Internal Grant

Banerjee, D., "COB Summer Research Grant 2016," Sponsored by College of Business, Western Carolina University. (2016 - Present).

## Dr. Carroll A. Brown

### Journal Articles

Brown, C. A. (2016). Successful Aging. *Wiley-Blackwell Encyclopedia of Adulthood and Aging*, 3.

Bosnjak, M., Brown, C. A., Lee, D.-J., Yu, G. B., Sirgy, M. Joseph (2016). Self-Expressiveness in Sport Tourism: Determinants and Consequences. *Journal of Travel Research*, 55(1), 125-134. [jtr.sagepub.com](http://jtr.sagepub.com)

### Presentation

Brown, C. A., AoL Faculty Workshop: GIFTS, "Great Ideas for Teaching Students," CFC and Cob AoL, Cullowhee, NC. (March 16, 2016).

### Internal Grant

Brown, C. A. (Principal), "Intentional Learning Plan Grant-Undergraduate Studies," Sponsored by Western Carolina University, Western Carolina University, \$400.00. (April 2016).

## **Dr. Debra D. Burke**

### **Journal Articles**

- Burke, D., Clapper, D., McRae, D. (2016). Accessible Online Instruction for Students with Disabilities: Federal Imperatives and the Challenge of Compliance. *Journal of Law and Education*, 44(2), 135-180.
- Burke, D., Meek, B. P., Norwood, J. M. (2016). Exploring the legality of the lucrative world of fantasy sports. *Allied Academies*, 19(1), 38-55. <http://www.alliedacademies.org/articles/jlevol19number1.pdf>

### **Presentations**

- Burke, D., Association of Law Teachers, "Making Online Content Accessible," England, Newcastle. (March 20, 2016 - March 22, 2016).
- Burke, D., Allied Academies, "Exploring The Legality Of The Lucrative World Of Fantasy Sports," Jamaica, Montego Bay. (January 6, 2016 - January 8, 2016).

## **Ms. Wendy R. Cagle**

### **Presentation**

- Hillon, Y. (Presenter & Author), Cagle, W. R. (Presenter & Author), America's SBDC 2016 Annual Conference, "Gauging Hidden Barriers to Business Growth," Orlando, FL. (September 2016).

### **External Grants**

- Cagle, W. R. "Defense Logistics Agency, 2016-2017," Sponsored by North Carolina Small Business and Technology Development Center, \$11,178 (2016).
- Cai, Y., Cagle, W. R. "CY 2016 Program Year/Faculty Liaison," Sponsored by North Carolina Small Business and Technology Development Center, \$1,500 (2016).

## **Dr. Yue Cai**

### **Chapter in Scholarly Book**

- Savall, A., Cai, Y. (2016). Accompagner La Création D'Entreprise Au Moyen D'Une Intervention Socio-Économique. *Entreprises, Valeur(s) Et Prospérité: Le Capitalisme Socialement Responsable*. Paris: Economica.

### **Conference Proceedings**

- Savall, A., Hillon, Y. (2016). New Insights of Strategic Venturing Through Socio-Economic Approach to Management. Anaheim, California: 76th Annual Meeting of the Academy of Management.
- Cai, Y. (2016). In S. M. Waters & R. D. Large (Eds.), Heroic Narratives of Intentional Non-Compliance with PRME. 9th International Conference and Doctoral Consortium, ISEOR – Academy of Management.
- Hillon, Y. (2016). *Searching for Competitive Advantage in Management Curricula*. Lyon: International Conference and Doctoral Consortium on Organization Development and Change.

### **Presentations**

- Domagalski, T. (Coordinator/Organizer), Cai, Y. (Panelist), Kauffman, L. (Panelist), Franklin, G. (Panelist), Shiffman, R. (Panelist), Southern Management Association, "Business school deans: Lessons from the trenches and institutional considerations," Charlotte, NC. (October 2016).
- Hillon, Y. (Presenter & Author), Cagle, W. R. (Presenter & Author), America's SBDC 2016 Annual Conference, "Gauging Hidden Barriers to Business Growth," Orlando, FL. (September 2016).
- Hillon, Y. (Coordinator/Organizer), Datry, F. (Discussant), Alexis, R. (Discussant), Maité, R. (Discussant), 76th Annual Meeting of the Academy of Management, "Intervention Research for Meaningful Teaching," Academy of Management, Anaheim, CA. (August 2016).
- Hillon, Y. C. (Discussant), Zardet, V. (Coordinator/Organizer), Sorensen, P. (Discussant), Savall, H. (Chair), Rastrullo-Horrillo, M.-A. (Discussant), Kuran, O. (Discussant), Yaeger, T. F. (Discussant), Ruvalcaba, M. (Discussant), Burks, D. (Discussant), Arandia, O. (Discussant), 76th Annual Meeting of the Academy of Management, "Teaching SEAM in America - Process & Reflection -," Academy of Management, Anaheim, CA. (August 2016).
- Hillon, Y. (Presenter & Author), 2016 Annual scMOI Conference, "Beyond Reductionism: Buddhist Interpretation of Organizational Research," Sc"MOI, Philadelphia, PA. (April 2016).

## External Grant

Cai, Y., Cagle, W. R. "CY 2016 Program Year/Faculty Liaison," Sponsored by North Carolina Small Business and Technology Development Center, \$1,500 (2016).

## Dr. Drew M. Carnes

### Chapter in Scholarly Book

Munyon, T. P., Jacobs, J. D., Carnes, A. M., Bohle, S. L. (2016). Pay-For-Politics: Considering the Variable Compensation-Organizational Politics Relationship. *Handbook of Organizational Politics* (vol. 2, pp. 115-147). Cheltenham: Edward Elgar.

### Journal Article

Carnes, A. M. Bringing Work Stress Home: The Impact of Role Conflict and Role Overload on Spousal Marital Satisfaction. *Journal of Occupational and Organizational Psychology*.

## Internal Grant

Carnes, A. M., "Summer Research Grant," Sponsored by Western Carolina University College of Business, Western Carolina University, \$5,000.00. (May 15, 2016 - August 15, 2016).

## Dr. Dan L. Clapper

### Journal Articles

Burke, D. D., Clapper, D., McRae, D. (2016). Accessible Online Instruction for Students with Disabilities: Federal Imperatives and the Challenge of Compliance. *Journal of Law and Education*, 44(2), 135-180.

### Presentation

Clapper, D., Bill, R. (Presenter & Author), Allied Academies Conference, "Small Business Compliance with PCI DSS," New Orleans, LA. (March 30, 2016 - April 1, 2016).

## Dr. Richard T. Creasy

### Journal Articles

Rogers, T., Creasy, T. (2016). Four elements necessary for effective inter-team communication. *Supervision*, 77(8), 3-7. <http://www.supervisionmagazine.com/>

Johnson, J. N., Creasy, R. T., Fan, Y. (2016). An Analysis of Recent Theoretical Trends in the Project Management Discipline. *Journal of Engineering, Project, and Production Management*, 6(1), 25-52.

### Presentation

Creasy, R. T., TPI International Conference, "New Developments in Human Resources - Recruitment, Selection and Development," Houston, TX. (February 5, 2016).

## External Grants

Creasy, R. T. (Investigator), Anantatmula, V. (Principal), "The effects of team dynamics and project manager personality dimensions toward successful project outcomes as mediated by Agile and traditional team compositions," Sponsored by Project Management Institute, Private, \$0.00. (March 10, 2016 - April 20, 2016).

Creasy, R. T. (Principal), Carnes, A. (Investigator), "The Effects of Workplace Bullying on Organizational Change, Innovation, and Strategic Initiatives as Mediated Through Virtual and Traditional Team Dynamics," Sponsored by Project Management Institute, Private, \$0.00. (February 20, 2016 - April 15, 2016).

## Ms. Bethany A. Davidson

### Journal Article

Lakatos, J. P., Davidson, B., Sanney, K. (2017). Calling Wells Fargo's CEO: Transform the Financial Institution through Implementation of the Dynamic Organization Model and Permeation of Servant Leadership (Topics: Business Ethics, Fraud Prevention, Leadership and Strategy). *Journal of International Management Studies*, 12(1), 9 pages.

## Dr. Angela K. Dills

### Research Report

Dills, A., Goffard, S., Miron, J. (2016). *Dose of Reality: The Effect of State Marijuana Legalizations* (799th ed., pp. 35). Washington, D.C.: Cato Institute Policy Analysis. <https://object.cato.org/sites/cato.org/files/pubs/pdf/pa799.pdf>

## **Dr. Teri Domagalski**

### **Presentations**

Domagalski, T. (Coordinator/Organizer), Cai, Y. (Panelist), Kauffman, L. (Panelist), Franklin, G. (Panelist), Shiffman, R. (Panelist), Southern Management Association, "Business school deans: Lessons from the trenches and institutional considerations," Charlotte, NC. (October 2016).

Domagalski, T., Women in Educational Leadership, "You've come a long way lady ... but," Appalachian State University, Boone, NC. (September 30, 2016 - October 2, 2016).

Domagalski, T., "Generational Differences in the Workplace," Altrusa International of Waynesville, Waynesville, NC. (July 5, 2016).

## **Dr. Yang Fan**

### **Journal Article**

Johnson, J. N., Creasy, R. T., Fan, Y. (2016). An Analysis of Recent Theoretical Trends in the Project Management Discipline. *Journal of Engineering, Project, and Production Management*, 6(1), 25-52.

## **Kenneth Flynt**

### **External Grant**

Flynt, K. "Faculty Liaison," Sponsored by the North Carolina Small Business and Technology Development Center (NC SBTDC), \$7,000 (2016).

## **Dr. Janet C. Ford**

### **Conference Proceedings**

Ford, G., Ford, J. (2016). *Translating United States military occupational specialties training into college credit at a regional, comprehensive university* (pp. 10). American Society for Engineering Education. <https://peer.asee.org/translating-unit-ed-states-military-occupational-specialties-training-into-college-credit-at-a-regional-comprehensive-university>

### **Journal Article**

Wiley, L., White, B. J., Ford, J. (2016). U.S. E.U. Safe Harbor and Data Privacy Shield: Student exploration of global IT issues and the professionals who deal with them. *Issues in Information Systems*, 17(1), 196-205.

### **Presentation**

Ford, G. D. (Presenter & Author), Ford, J. (Author Only), American Society for Engineering Education 2016 Conference, "Translating United States military occupational specialties training into college credit at a regional, comprehensive university," American Society for Engineering Education, New Orleans, LA. (June 27, 2016).

## **Dr. A. J. Grube**

### **Presentations**

Jisha, J. (Presenter & Author), Grube, A. J. (Presenter & Author), Global Sport Business Association Annual Conference, "Developing Content for a Sport Management Senior Seminar Course," Global Sport Business Association, Nassau, Bahamas. (February 19, 2016 - February 22, 2016).

Grube, A. J. (Presenter & Author), Grube, D. P. (Presenter & Author), Global Sport Business Association Annual Conference, "The Challenges and Rewards of Moving From Faculty to Administrative Positions," Global Sport Business Association, Nassau, Bahamas. (February 19, 2016 - February 22, 2016).

## **Dr. Roger C. Higgs**

### **Journal Article**

Desai, M., Berger, B., Higgs, R. (2016). Critical thinking skills for business school graduates as demanded by employers: a strategic perspective and recommendations. *Academy of Educational Leadership Journal*, 20(1), 10-31.

## **Dr. Julie T. Johnson-Busbin**

### **Publication**

Johnson, J. (2016). *Centiment: Raising Money for Non-Profits*.

## **Dr. Nathan N. Johnson**

### **Journal Articles**

Johnson, J. N., Jones, B. (2016). Is the Color of Your Watch Still Giving You a Fitt? *International Journal of Information, Business and Management*, 8(1), 1-11.

Johnson, J. N., Creasy, R. T., Fan, Y. (2016). An Analysis of Recent Theoretical Trends in the Project Management Discipline. *Journal of Engineering, Project, and Production Management*, 6(1), 25-52.

## **Dr. Bob J. Lahm, Jr**

### **Conference Proceedings**

Lahm, R. J. (2016). *Small business and Obamacare: Cost projections and the longer-term view*. Allied Academies International Conference, New Orleans, LA.

### **Journal Article**

Lahm, R. J., Stowe, C. R.B. (2016). The small business promotional mix: Complex choices abound between traditional and social media. *Journal of Management and Marketing Research*, 18, 110-126.

### **Presentation**

Lahm, R. J. (Presenter & Author), Perry, L. G. (Author Only), Rumble, Z. (Author Only), Academic Business World International Conference & International Conference on Learning and Administration in Higher Education, "Ripple Effect Learning Community (RELC): An Interdisciplinary Model for Instructional Delivery," Academic Business World, Nashville, TN. (May 25, 2016 - May 27, 2016).

### **Internal Grant**

Lahm, R. J., "Summer Research Grant," Sponsored by College of Business, Western Carolina University, \$5,000.00. (2016).

## **Dr. Joseph P. Lakatos**

### **Journal Article**

Lakatos, J. P., Davidson, B., Sanney, K. (2017). Calling Wells Fargo's CEO: Transform the Financial Institution through Implementation of the Dynamic Organization Model and Permeation of Servant Leadership (Topics: Business Ethics, Fraud Prevention, Leadership and Strategy). *Journal of International Management Studies*, 12(1), 9 pages.

### **Written Case with Instructional Material**

Lakatos, J., Hayes, D. (2016). *Encompass Software: Getting Started, The First Months and Fueling Growth (Topics: Business Law, Intellectual Property, and Entrepreneurship)* (6th ed., vol. 21, pp. 129-136). Whitney Press, Candler, NC: Journal of the International Academy for Case Studies.

## **Dr. Jane R. Livingstone**

### **Presentation**

Livingstone, J. R., ATA Midyear Meeting, "Revise & Resubmit," American Taxation Association (ATA), Orlando, FL. (February 27, 2016).

## **Dr. Frank S. Lockwood**

### **External Grants**

Lockwood, F. (Principal), "Entrepreneurship Develop System," Sponsored by W.K. Kellogg Foundation, Private, \$158,300.00. (May 2005 - Present).

Lockwood, F. (Co-Principal), "FY 2012 University Center Economic Development Program," Sponsored by Economic Development Administration, Federal, \$1,166,015.00. (September 2012 - August 2017).

Lockwood, F. (Co-Principal), Rigdon, J. (Co-Principal), McClure, T. (Co-Principal), "Webster Enterprises New Building Proposal," Sponsored by NC State Employees Credit Union Foundation, Private. (March 1, 2016 - April 30, 2016).

## **Dr. Edward J. Lopez**

### **Chapter in Scholarly Book**

Lopez, E. J. (2016). The Endowment Effect in a Public Good Experiment. *Explorations in Public Sector Economics: Essays by Prominent Economists (Joshua C. Hall, Editor)*. New York, NY: Springer Science+Business Media LLC.

## External Contract

Lopez, E. J. (Principal), "Federal Government Budget Reform Study," Sponsored by Mercatus Center at George Mason University, Private, \$4,000.00.

## Dr. Jon H. Marvel

### External Sponsored Research

Marvel, J. H., "Flowlane Simulation Model for Verification of the Capacity Planning Process at a Tier 1 Automotive Supplier," Private. (September 2014 - May 2016).

## Ms. Diania L. McRae

### Journal Article

Burke, D., Clapper, D., McRae, D. (2016). Accessible Online Instruction for Students with Disabilities: Federal Imperatives and the Challenge of Compliance. *Journal of Law and Education*, 44(2), 135-180.

## Dr. Hollye Kay K. Moss

### Journal Articles

Burke, D. D., Moss, H. (2016). Quality and Impact. *Journal of Legal Studies in Education*, 33(2), 175-180.

Wright, E. W., Fowler, D., Moss, H. (2016). The One Page Strategic Plan. *SuperVision*, 77(2), 3-5.

## Dr. Sean E. Mulholland

### Journal Articles

Callahan, B. P., Mulholland, S., Rotthoff, K. W. (2016). Cultural Bias: Gymnasts, Judges, and Bilateral Trade Agreements. *Journal of SPORT*, 5(1), 25-45. <http://digitalcommons.kent.edu/sport/vol5/iss1/3>

Mulholland, S., Young, A. T. (2016). Occupational Licensing and Interstate Migration. *Cato Journal*, 36(1), 17-31. <https://object.cato.org/sites/cato.org/files/serials/files/cato-journal/2016/2/cato-journal-v36n1-2.pdf>

## Dr. Kadie A. Otto

### Journal Article

Otto, K. A. (2016). Ideological Models for College 'Athlete-Centered' Reform. *Journal of Amateur Sport*, 2(1), 141-163.

### Newsletter

Otto, K. A. (2016). *Book symposium on Jay M. Smith and Mary Willingham's Cheated: The UNC scandal, the education of athletes, and the future of big-time college sports.* (5th ed., vol. 28, pp. 7-10). WCU Faculty Forum.

### Presentation

Otto, K. A., S. N., 28th Annual Sport and Recreation Law Association Conference, "Face-to-face v. Online Sport Management Undergraduate Education: An exploratory analysis of student evaluations." Sport and Recreation Law Association, New Orleans, LA. (February 27, 2016).

## Dr. Charlie T. Parrish

### Chapters in Scholarly Books

Bravo, G., Parrish, C., Lopez de D'Amico, R. (2016). Introduction: Sport in Latin America. In Bravo, Lopez de D'Amico, & Parrish (Eds.), *Sport in Latin America: Policy, Organization, Management* (pp. 1-18). London: Routledge. [www.taylorandfrancis.com/books/details/9780415745895/](http://www.taylorandfrancis.com/books/details/9780415745895/)

Parrish, C., Lee, S., Kim, J.-H. (2016). Business development strategies among football clubs in Argentina. *Sport in Latin America: Policy, Organization, and Management* (pp. 270-281). London: Routledge. [www.taylorandfrancis.com/books/details/9780415745895/](http://www.taylorandfrancis.com/books/details/9780415745895/)

### Book, Scholarly

Bravo, G., Lopez de D'Amico, R., Parrish, C. (2016). In Bravo, Lopez de D'Amico, & Parrish (Eds.), *Sport in Latin America: Policy, Organization, Management* (pp. 320 pages). London: Routledge. [www.taylorandfrancis.com/books/details/9780415745895/](http://www.taylorandfrancis.com/books/details/9780415745895/)

## Presentations

Lee, S. (Presenter & Author), Parrish, C. (Presenter & Author), MPI World Education Congress, "Professional Sport Stadiums as a Meeting/Event Venue: Moderating Impact of Prior Attendance Experience on Variety Seeking Behavior Influencing Consumer Attitude in Meeting/Event Planners' Unique Venue Selection," Meeting Professionals International, Harrah's Atlantic City Waterfront Conference Center, Atlantic City, NJ. (June 11, 2016 - June 14, 2016).

Parrish, C., College Sports Research Institute, "A College Football Stadium as an Event Venue: A Qualitative Study of Site Selection Criteria," University of South Carolina, Downtown Columbia Marriott Hotel, Columbia, SC. (April 20, 2016 - April 22, 2016).

## External Grants

Parrish, C., "Hugo Bustamante Playership Grant," Sponsored by American Youth Soccer Organization, Other, \$1,000.00. (March 1, 2016 - February 28, 2017).

Parrish, C., "Town of Waynesville (NC) Appropriation Funding," Sponsored by Town of Waynesville (NC), Local. (March 7, 2016).

## Dr. Patrick M. Payne

### Journal Article

Payne, P., Browning, C., Kalenkoski, C. M. (2016). Public reaction to stock market volatility: evidence from the ATUS. *Applied Economics Letters*, 1-4.

### Presentation

Payne, P., Kalenkoski, C. M. (Author Only), Salehi, H. (Author Only), Academy of Financial Services, "Bridge employment: Determinants of and Effects on retirement satisfaction," Harrah's Las Vegas Hotel and Casino, Las Vegas, NV. (October 20, 2016 - October 21, 2016).

## Dr. Charles S. Rader

### Journal Article

Rader, C. S., Lanier, C. (2016). Deconstructing Symbolic Consumption: Exploring the Anti-Synthetic Space Between Meaning and Meaninglessness. *Consumption Markets & Culture*, 1-30. <http://dx.doi.org/10.1080/10253866.2016.1217198>

## Dr. Bill B. Richmond

### Book Review

Richmond, W. "Payback: Reaping the Rewards of Innovation". Asheville, NC: Asheville Citizen-Times.

### Journal Articles

Richmond, W., Nelson, P. Determinants of price discounts in banking asp systems. *Academy of Banking Studies Journal*, 11(3), 107-120.

Clapper, D., Richmond, W. (2016). Small business compliance with PCI DSS. *Journal of Management Information and Decision Sciences*, 19(1), 54-67.

### Presentation

Clapper, D. (Presenter & Author), Richmond, W. (Presenter & Author), Spring International Conference, "small business compliance with PCI DSS," Allied Academies, New Orleans, LA. (March 31, 2016).

## Noah Robins

### External Grant

Robins, N. "Funding for the regional North Carolina Small Business and Technology Development Center at Western Carolina University." Sponsored by North Carolina Small Business and Technology Development Center (NC SBTDC), (2016).

## Dr. Thomas M. Rogers

### Journal Article

Rogers, T., Creasy, T. (2016). Four elements necessary for effective inter-team communication. *Supervision*, 77(8), 3-7. <http://www.supervisionmagazine.com/>

## **Dr. Kenneth J. Sanney**

### **Journal Article**

Lakatos, J. P., Davidson, B., Sanney, K. (2017). Calling Wells Fargo's CEO: Transform the Financial Institution through Implementation of the Dynamic Organization Model and Permeation of Servant Leadership (Topics: Business Ethics, Fraud Prevention, Leadership and Strategy). *Journal of International Management Studies*, 12(1), 9 pages.

### **Presentation**

Sanney, K. (Presenter & Author), Southeastern Academy of Legal Studies in Business 62nd Annual Meeting, "Creative Differences: An Integrated Representational Approach to the Division of Intellectual Property in Divorce Proceedings," Durham, NC. (November 10, 2016 - November 12, 2016).

## **Lawrence J. Trautman**

### **Journal Articles**

Trautman, L. J. (2017). Managing Cyberthreat. *Santa Clara High Technology Law Journal*, 33 <http://digitalcommons.law.scu.edu/chtlj/>

Trautman, L. J. (2016). Congressional Cybersecurity Oversight: Who's Who & How It Works. *Journal of Law and Cyber Warfare*, 5(1), 147-. <http://www.jlcw.org/>

Trautman, L. J. (2016). E-Commerce and Electronic Payment System Risks: Lessons from PayPal. *U.C. Davis Business Law Journal*, 17(Spring 2016), 261-. <http://blj.ucdavis.edu/>

Trautman, L. J., Jennings, M. M. (2016). Ethical Culture and Legal Liability: The GM Switch Crisis and Lessons in Governance. *Boston University Journal of Science & Technology Law*, 22(2016), 187-. <https://www.bu.edu/jostl/>

Trautman, L. J. (2016). Is Cyberattack The Next Pearl Harbor? *North Carolina Journal of Law & Technology*, 18 (2). <http://ncjolt.org/>

Trautman, L. J. (2016). Is Disruptive Blockchain Technology the Future of Financial Services? *The Consumer Finance Law Quarterly Report*, 69(2016), 232. <http://www.ccfonline.org/report.cfm>

Trautman, L. J. (2016). Who Sits on Texas Corporate Boards? Texas Corporate Directors: Who They Are and What They Do. *Houston Business and Tax Law Journal*, 16(2016), 44. <http://hbtjl.org/>

Trautman, L. J., Luppino, A., Simmons, M. S. (2016). Some Key Things U.S. Entrepreneurs Need to Know About The Law and Lawyers. *Texas Journal of Business Law*, 46(2016). <http://www.texasbusinesslaw.org/join/committees/journal>

## **Dr. David D. Tyler, Jr**

### **Journal Articles**

Fairley, S., Lovegrove, H., Smith, N. L., Tyler, D. (2016). Scoring on and off the field? The impact of Australia's inclusion in the Asian Football Confederation. *Sport Management Review*, 19(5), 578-586. <http://www.journals.elsevier.com/sport-management-review/>

Tyler, D., Cruz, L. E. (2016). Competent or not? Exploring adaptations to the neo-behaviorist paradigm in a sport marketing course. *Journal of the Scholarship of Teaching and Learning*, 16(3), 23-38. [josotl.indiana.edu/](http://josotl.indiana.edu/)

## **Dr. Barbara Jo J. White**

### **Journal Article**

Wiley, L., White, B. J., Ford, J. (2016). U.S. E.U. Safe Harbor & Data Privacy Shield: Student exploration of global IT issues and the professionals who deal with them. *Issues in Information Systems*, 17(1), 196-2005.

### **Presentation**

White, B. J., AoL Faculty Workshop: GIFTS, "Great Ideas For Teaching Students: "Cut It Out"," CFC and CoB AoL, Cullowhee, NC. (March 16, 2016).

## **Dr. Lorrie Willey**

### **Journal Article**

Wiley, L., White, B. J., Ford, J. (2016). US EU Safe Harbor & Privacy Shield: A Student Exploration of Global IT Issues and the Professionals Who Deal With Them. *Issues in Information Systems*, 17(1), 196-205.

### **External Grants**

Willey, L., "Bloomberg Teaching Award," Sponsored by Bloomberg, International, \$3,000.00. (November 2013 - Present).

Willey, L., "Chancellor's Travel Fund," Sponsored by WCU, \$600.00. (February 2016 - March 31, 2016).

## **Dr. Edward W. Wright**

### **Journal Article**

Wright, E. W., Moss, H. (2016). The One Page Strategic Plan. *Supervision*.

### **Presentation**

Wright, E. W., 2016 North Carolina PMI State Conference, "A Guide to Strategic Planning," NCPMI, Regional Conference, Raleigh, NC. (August 2016 - August 22, 2016).

### **Internal Sponsored Research**

Wright, E. W., Livsey, K., Neubrandner, J. L., "Provost's Internal Funding Support Grant," Sponsored by WCU Provost's Office, Western Carolina University, \$14,452.00. (March 2016 - June 2017).

### **Patent**

Wright, E. W. (2010). *United States No. US 7,699,787*.  
Title: Modular Blood Pressure Measurement Apparatus - US 7,699,787

## **College of Education & Allied Professions**

## **Dr. Ann L. S. Allen**

### **Journal Articles**

Allen, A. L. S., Jorissen, K. T. Allen, A. S., and Topolka-Jorissen, K. (2013). Using teacher learning walks to build capacity in a rural elementary school: repurposing a supervisory tool. *Professional Development in Education*, 39, 1-16. DOI: 10.1080/19415257.2013.851104.

Allen, A. L. S., Jorissen, K. T. Using teacher learning walks to build capacity in a rural elementary school: repurposing a supervisory tool. *Professional Development in Education*. <http://dx.doi.org/10.1080/19415257.2013.851104>

### **Presentation**

Crow, R. K., Hinnant-Crawford, B. N., Spaulding, D. T., Allen, A. L. S., Carnegie Project on the Education Doctorate, "The Challenge of Developing New Faculty's Understanding of the Unique Research Knowledge and Skill Needs of Scholar-Practitioners," Augusta University, Augusta, GA. (October 25, 2016).

### **External Grants**

Allen, A. L. S. "Western Carolina University Principal Preparation Initiative," Sponsored by Wallace Foundation, (2016).

Pinter, H. H., Allen, A. L. S., Strahan, D., Borchelt, N. "Promoting Conceptually Based Teaching and Learning: Supporting Curriculum Implementation using Standards-Based Mathematics Teaching Practices," Sponsored by NC Quest, (2016).

## **Dr. Kia T. Asberg**

### **Journal Articles**

Solomon, D., Asberg, K. K. T., Peer, S., Prince, G. (2016). Cumulative risk hypothesis: Predicting and preventing child maltreatment recidivism. *Child Abuse and Neglect*, 58, 80-90.

Bailey, A., Makela, E., Asberg, K. K. T. (2016). Selective serotonin reuptake inhibitor/serotonin-norepinephrine reuptake inhibitor use as a predictor of restless legs syndrome diagnosis. *Journal of Psychiatric Practice*, 22(4), 261-351.

### **External Grants**

Asberg, K. K. T. (Principal), Hoffmann, N. (Co-Principal), "Evaluating the Effectiveness of Interactive Journaling as a Pretreatment Intervention Among Jail Inmates," Sponsored by National Institute of Justice, Federal.

Asberg, K. K. T. (Investigator), "UCF/IST: Architecture for Stress, Performance, Inoculation, Resilience, and Endurance (ASPIRE)," Sponsored by Office of Naval Research, Federal.

## **Dr. Derek R. Becker**

### **Journal Article**

MacDonald, M., Lipscomb, S., McClelland, M. M., Duncan, R., Becker, D., Anderson, K., Kile, M. (2016). Relations of Preschoolers' Visual-Motor and Object Manipulation Skills with Executive Function and Social Behavior. *Research Quarterly for Exercise and Sport*, 87(4), 396–407.

### **Other Publication**

Becker, D. (2016). *Moving Towards Academic Success and Life Long Learning*.

### **Internal Grants**

Becker, D., "Moving Towards Early Academic Success and Life Long Learning." Sponsored by College of Education and Allied Professions, Western Carolina University, \$2,000.00. (October 1, 2016).

Becker, D., "Moving Towards Early Academic Success and Life Long Learning." Sponsored by Provost Office, Western Carolina University. (September 1, 2016).

## **Dr. Rus Binkley**

### **Journal Article**

Binkley, R. *School University Partnership Journal*.

## **Dr. Eleanor J. Blair**

### **Chapter in Textbook**

Blair, E. J. (2016). A pedagogy of hopelessness: Fear and loathing in 21st century schools. In J. & Y. Medina (Eds.), *The Social Foundations Reader: Critical essays on teaching, learning and leading in the 21st century*. New York, New York: Peter Lang Publishing.

### **Book, Textbook**

Blair, E. J. (2016). *Teacher leadership: The "New" Foundations of Education* (2ND ed., vol. 466, pp. 260). New York, New York: Peter Lang Publishers.

Blair, E. J., Medina, Y. (2016). *The Social Foundations Reader: Critical essays on teaching, learning and leading in the 21st century* (pp. 380). New York, New York: Peter Lang Publishing.

## **Dr. Lisa A. Bloom**

### **Journal Articles**

Dole, S. F., Bloom, L. A., & Doss, K. K. (2016). Rocket to Creativity: A field experience in problem-based and project-based learning. *Global Education Review*, 3(4), 19-32.

Dole, S.F., Bloom, L.A., & Kowalske, K. (2016). Transforming pedagogy: Changing perspectives from teacher-centered to learner-centered. *Interdisciplinary Journal of Problem-Based Learning*, 10(1).

### **External Grant**

Bloom, L. A. (Co-Principal), Pinter, H. H. (Co-Principal), "Whee Include," Sponsored by Spencer Foundation. (August 1, 2014 - Present).

### **Internal Contract**

Bloom, L. A. (Principal), "Scholarly Development Assignment," Sponsored by WCU, Western Carolina University. (January 1, 2015 - May 15, 2016).

## **Mr. Andrew J. Bobilya**

### **Internal Sponsored Research**

Bobilya, A. J. (Co-Principal), Holman, T. (Co-Principal), Lindley, B. (Co-Principal), McAvoy, L. H. (Co-Principal), "Trends and Issues in Outdoor Adventure Education Research," Sponsored by WCU Department of Human Services Project Value Funding. Western Carolina University, \$558.70. (December 12, 2014 - Present).

## **Dr. Patricia L. Bricker**

### **External Grants**

Costa, J. T. (Principal), Kandl, K. L. (Principal), Bricker, P. L. (Investigator), "Watershed Moments: Exploring Science and Math in Cullowhee Creek," Sponsored by Burroughs Wellcome Fund, Private. (March 2015 - Present).

Bricker, P. L., Schwab, B., Costa, J., Workman, S. "Western North Carolina STEM Master Teaching Fellows Project," Sponsored by North Carolina State University, (2016).

#### **Internal Grant**

Yang, W., Crawford, R., Clapp, A. G., Bricker, P. L., Yan, Y., Mathews, J. W., Pechmann, J. H., Mathews, K. G., Youker, R. T., Huffman, S. W., Gomez, E. A., Butcher, K. L., Penland, A. D., "Enriching Science Education: School-University Partnership to promote K-12 Science Education through mentoring for STEM competitions," Sponsored by College of Education and Allied Professions, WCU, Western Carolina University, \$4,000.00. (October 15, 2016 - June 1, 2017).

### **Dr. Dale D. Carpenter**

#### **Newspaper**

Carpenter, C. D., Winter, K. K. (2016). *Today's teachers are better than ever*. Asheville, NC: Asheville Citizen Times. <http://www.citizen-times.com/story/opinion/contributors/2016/01/15/guest-columnist-thanks-teacher-education-program-to-days-teachers-better-ever/78845902/>

#### **Website**

Carpenter, C. D., Winter, K. K. (2016). *Today's teachers are better than ever*. North Carolina: Education NC (edNC). <https://www.ednc.org/2016/01/28/todays-teachers-are-better-than-ever/>

### **Dr. Lori A. Caudle**

#### **Chapter in Scholarly Book**

Caudle, L. A., Grist, C. L. Teaching Social Emotional Skills through a Balanced Literacy Approach in the Preschool Classroom. *Preschool Children: Social Skills, Educational Development and Health Disparities*. Nova Publishers.

#### **Internal Grants**

Flood, C. (Principal), Caudle, L. A. (Investigator), Meltzer, S. (Investigator), Watson, M. (Investigator), "Co-Teaching Model Pilot Study for Implementation: Phases Two and Three," Sponsored by College of Education and Allied Professions School University Teacher Education Partnership (SUTEP) Grants, Western Carolina University, \$2,500.00. (September 11, 2015 - Present).

Meltzer, S. T. (Investigator), Caudle, L. A. (Investigator), Flood, C. T. (Principal), Watson, M. (Investigator), "Co-Teaching Model Pilot Study for Implementation," Sponsored by College of Education and Allied Professions School University Teacher Education Partnership (SUTEP) Grants, Western Carolina University, \$2,500.00. (February 2015 - Present).

### **Dr. Theresa M. Chandler**

#### **Presentation**

Chandler, R., Stringer, A. J. (Co-Chair), 2016 NCAAHPERD-SM Find A Way Convention, "Do this, not that - Exercise Physiology Update for Fitness Design," NCAAHPERD, Benton Convention Center, Winton-Salem, NC. (November 11, 2016).

### **Dr. Karena J. Cooper-Duffy**

#### **External Grants**

Westling, D. L., Cooper-Duffy, K. J., "The Western Carolina University Personnel Preparation Project in Severe Disabilities: Preparing, Supporting, and Evaluating Educators in Rural School Districts," Sponsored by U.S. Department of Education, Federal. (September 1, 2016 - August 31, 2021).

Westling, D. L. (Principal), Cooper-Duffy, K. J. (Co-Principal), "The Western Carolina University Personnel Preparation Project in Severe Disabilities," Sponsored by U.S. Department of Education, Federal. (January 2016).

### **Dr. Robert K. Crow**

#### **Chapter in Scholarly Book**

Crow, R. K., Lomotey, K., Jorissen, K. T. (2016). An adaptive model for a rigorous professional practice doctorate: The disquisition. In V. Storey & K. Hesbol (Eds.), *Contemporary approaches to dissertation development and research methods*. Hershey, PA: IGA Global.

Crow, R. K., Ensley, R. Developing teacher-leadership by employing an Improvement Science framework for organizational problem solving. *Cases in Educational Leadership*. Peter Lang Publishing.

## Journal Article

Malesky, L. A., Bailey, J., Crow, R. K. (2016). Academic dishonesty: Assessing the threat of cheating companies to online education. *College Teaching*.

## Presentations

Crow, R. K., Hinnant-Crawford, B. N., Spaulding, D. T., Allen, A. L. S., Carnegie Project on the Education Doctorate, "The Challenge of Developing New Faculty's Understanding of the Unique Research Knowledge and Skill Needs of Scholar-Practitioners," Augusta University, Augusta, GA. (October 25, 2016).

Crow, R. K., Carnegie Project on the Education Doctorate (CPED), "Developing a Scholar-Practitioner Identity: An EdD Candidate Roundtable," Carnegie Project on the Education Doctorate (CPED), June Convening, Portland, OR. (June 7, 2016).

## Internal Grant

Malesky, L. A., Grist, C. L., Crow, R. K., "Provost Internal Research Grant," Sponsored by Western Carolina University, Western Carolina University, \$15,000.00. (2016 - 2017).

## Dr. Russell C. Curtis

### Book, Chapter in Textbook

Garrett, M. T., Garrett, J. T., Curtis, R. C., Portman, T. A., Grayshield, L., Williams, C. (2016). Positive Psychology Practice with Native Americans. *Positive Psychology in Racial and Ethnic Groups* (1st ed., vol. 1, pp. 281-304). Washington DC: American Psychological Association.

### Journal Article

Curtis, R. C., Frick, M., Thompson, H., Robertson, P., Li, Y., Graves, E., Goetz, K. (2016). Effects of an online positive psychotherapy class on future counselors: Consensual qualitative research. *The Journal of Happiness & Well-Being*, 4(2), 196-211. <http://www.journalofhappiness.net/article/effects-of-an-online-positive-psychotherapy-class-on-future-counselors-consensual-qualitative-research>

### Magazine/Trade Publication

Curtis, R. (2016). Influential Thinkers. *Influential Thinkers* (9th ed., vol. 58, pp. 30-31). Alexandria, VA: American Counseling Association.

### Newsletter

(2016). In R. Curtis & E. Morano (Eds.), *American Counseling Association's Integrated Care Newsletter* (1st ed., vol. 3, pp. 9 pages). Alexandria, VA: American Counseling Association.

### Presentations

Curtis, R. C., Roberts, L. C., Frick, M. H., Break By the Lake Counseling Conference, "Successful clients, families, and treatment experts," WCU Counseling Program, Canton, NC. (September 2016).

Curtis, R. (Presenter & Author), Roberts, L., 2016 WCU Counseling Clinical Supervision Conference, "Success Stories: Clinical Supervision Informed by Successful Clients," WCU Counseling, Biltmore Park room 338, Asheville, NC. (March 18, 2016).

Stover, A. (Presenter & Author), Curtis, R. (Presenter Only), North Carolina Counseling Association's Annual Conference, "Cognitive behavioral strategies for working with angry adolescents," NCCA, Grandover Resort, Greensboro, NC. (February 18, 2016 - February 20, 2016).

Curtis, R. C. (Presenter & Author), Roberts, L., North Carolina Counseling Association's Annual Conference, "Success Stories: Clients' Report of what helped and what hindered while in counseling," NCCA, Grandover Resort, Greensboro, NC. (February 18, 2016 - February 20, 2016).

### External Grant

Robertson, P. K., Frick, M. H., Curtis, R. C., Graves, E. G., "Behavioral Health Workforce Education and Training for Paraprofessionals and Professionals," Sponsored by Health Resources and Service Administration, Federal, \$0.00. (November 2016).

### Internal Grant

Curtis, R. C., "QEP Growth Mindset," Sponsored by WCU, Western Carolina University, \$0.00. (June 15, 2015 - Present).

## **Mr. Jackson D. Deziel**

### **External Contract**

Deziel, J. D. (Co-Principal), Lawlor, K. (Co-Principal), "Evaluation of MATCH Program," Sponsored by McDowell County, NC, Local. (September 2016 - May 2018).

### **Internal Grant**

Deziel, J. D., "Intentional Learning Grant," Sponsored by Western Carolina University, Western Carolina University, \$2,000.00. (February 24, 2016 - February 27, 2016).

### **External Grant**

Livsey, K., Deziel, J. "Enhancing Supportive Services in Low Income Senior Housing: Developing the Value Proposition for a Community Nurse Presence," Sponsored by the Robert Wood Johnson Foundation, (2016).

## **Dr. Sharon F. Dole**

### **Journal Articles**

Dole, S. F., Bloom, L. A., & Doss, K. K. (2016). Rocket to Creativity: A field experience in problem-based and project-based learning. *Global Education Review*, 3(4), 19-32.

Dole, S.F., Bloom, L.A., & Kowalske, K. (2016). Transforming pedagogy: Changing perspectives from teacher-centered to learner-centered. *Interdisciplinary Journal of Problem-Based Learning*, 10(1).

### **Internal Grant**

Dole, S. F., "Chancellor's Grant to Present Research," Sponsored by Western Carolina University, Western Carolina University, \$1,200.00. (February 2, 2016).

## **Dr. Tom E. Ford**

### **External Grants**

Ford, T. E. (Principal), Woodzicka, J. (Co-Principal), "Collaborative Research: Social and emotional consequence of sexist humor for women," Sponsored by National Science Foundation, Federal. (August 1, 2015 - Present).

Ford, T. E. (Investigator), "Psychosocial analysis of violence against women: attitudes, myths, normalizing social contexts and proclivity to aggression," Sponsored by Ministry of Research, Development and Innovation, Spain, International, \$40,000.00. (May 1, 2015 - August 31, 2018).

## **Dr. Melodie H. Frick**

### **Journal Article**

Johnson, T. C., Frick, M. H. (2016). Investigation of millennial students' responses to a shelter-in-place experience. *Journal of Student Affairs Research and Practice*, 53(4), 14.

### **Presentation**

Curtis, R. C., Roberts, L. C., Frick, M. H., Break By the Lake Counseling Conference, "Successful clients, families, and treatment experts," WCU Counseling Program, Canton, NC. (September 2016).

### **External Grant**

Robertson, P. K., Frick, M. H., Curtis, R. C., Graves, E. G., "Behavioral Health Workforce Education and Training for Paraprofessionals and Professionals," Sponsored by Health Resources and Service Administration, Federal, \$0.00. (November 2016).

## **Dr. Marie-Line Germain**

### **External Grants**

Germain, M.-L. (Principal), Brun, J.-P. (Co-Principal), Gilbert, M.-H. (Co-Principal), Fournier, P.-S. (Co-Principal), Sponsored by Society for Human Resource Management, Federal, \$145,270.00. (January 2015 - Present).

Sherlock, J. J., Germain, M.-L., "Enhancing competencies and civic engagement: Virtual field experiences for students in online academic programs," Sponsored by University of North Carolina General Administration, State, \$22,617.00. (April 2015 - June 2016).

### **Internal Sponsored Research**

Germain, M.-L., "Development of a psychometric scale of Cooperating Teacher Expertise (GEM-CT).," Sponsored by Western Carolina University, Western Carolina University, \$1,699.00.

## **Dr. Elizabeth G. Graves**

### **External Grant**

Robertson, P. K., Frick, M. H., Curtis, R. C., Graves, E. G., "Behavioral Health Workforce Education and Training for Paraprofessionals and Professionals," Sponsored by Health Resources and Service Administration, Federal, \$0.00. (November 2016).

## **Dr. Cathy L. Grist**

### **Chapter in Scholarly Book**

Caudle, L. A., Grist, C. L. (2016). Teaching Social Emotional Skills through a Balanced Literacy Approach in the Preschool Classroom. *Preschool Children: Social Skills, Educational Development and Health Disparities*. Nova Publishers.

### **Internal Grants**

Malesky, L. A. (Investigator), Grist, C. L. (Investigator), Bayley, J. (Investigator), "A Cross-Disciplinary Assessment of the Effectiveness of Anti-Cheating Protocols Used by UNC System Institutions Summary of discussion," Sponsored by Western Carolina University, Western Carolina University, \$15,000.00. (April 2016 - Present).

Malesky, L. A., Grist, C. L., Crow, R. K., "Provost Internal Research Grant," Sponsored by Western Carolina University, Western Carolina University, \$15,000.00. (2016 - 2017).

## **Dr. Danny P. Grube**

### **Journal Article**

Menickelli, J., Barney, D., Grube, D. P., Cooper, C. A. (2016). Disc golf and walking benefits: A pedometer-based physical activity assessment. *International Journal of Physical Education, Fitness and Sports*.

### **Presentation**

Grube, D. P., Menickelli, J., Hatfield, J., Bozyski, S., North Carolina Alliance for Athletics, Health, Physical Education, Recreation, and Dance – Sport Management, "Moving & Learning: Experiential Learning and Study Abroad." NCAA-PERD-SM, Winston-Salem, NC. (November 10, 2016).

## **Dr. Needham Y. Gulley**

### **Magazine/Trade Publication**

Gulley, N. Y. (2016). *Defining students as nontraditional is inaccurate and damaging*. Inside Higher Ed. <https://www.insidehighered.com/views/2016/08/05/defining-students-nontraditional-inaccurate-and-damaging-essay?width=775&height=500&iframe=true>

### **Presentations**

Gulley, N. Y. (Presenter & Author), North Carolina College Personnel Association Annual Conference, "Striving for inclusive institutions: #language matters," North Carolina College Personnel Association, Greensboro, NC. (October 2016).

Gulley, N. Y., Student Affairs Practice in Community Colleges: Learning, Retention, and Completion, "Inclusivity and equity: Policy, promotion, and action for belonging," ACPA International, Annapolis, MD. (July 2016).

Gulley, N. Y., ACPA College Student Educators International Convention, "Persistence of LGBTQ Community College Students," ACPA College Student Educators International, Montreal, Canada. (March 7, 2016).

Gulley, N. Y. (Presenter & Author), Robison, M. (Presenter & Author), Bermudez, S. J. (Presenter & Author), ACPA College Student Educators International Convention, "Using student development theory to inform community college practice," ACPA College Student Educators International, Montreal, Canada. (March 6, 2016).

## **Dr. Bruce B. Henderson**

### **Book Review**

Henderson, B. B. (2016). *Help is at hand for teaching undergraduate psychology*. [Review of D. S. Dunn (Ed.), *The Oxford handbook of undergraduate psychology education*.] (4th ed., vol. 61). PsycCritiques.

## Dr. Brandi N. Hinnant Crawford

### Journal Articles

Hinnant-Crawford, B. N. (2016). Pulpit, Pews, and Picket Lines: Galamison's Fight to Integrate NYC Schools and the Theology Behind It. *Black Theology: An International Journal*, 14(3), 193-214.

Hinnant-Crawford, B. N. (2016). Increasing Access: The Application of Multicultural Education to STEM. *Journal for Multicultural Education*, 10(3), 250-256. <http://www.emeraldinsight.com/doi/full/10.1108/JME-06-2016-0035>

Faison, M. Z., Hinnant-Crawford, B. N., Chang, M.-L. (2016). Culture as Mediator: Co-regulation, Self-Regulation, and Mathematics Achievement in Middle School Classrooms. *Journal for Multicultural Education*, 10(3), 274-293.

### Presentation

Crow, R. K., Hinnant-Crawford, B. N., Spaulding, D. T., Allen, A. L. S., Carnegie Project on the Education Doctorate, "The Challenge of Developing New Faculty's Understanding of the Unique Research Knowledge and Skill Needs of Scholar-Practitioners," Augusta University, Augusta, GA. (October 25, 2016).

### External Grant

Hinnant-Crawford, B. N., "New Tech Network Comparative Analysis," Sponsored by New Tech Network, Private, \$50,000.00. (January 2017 - February 2018).

## Dr. Kelly R. Kelley

### Cited Research

Kelley, K. R., Prohn, S. M. (2016). Intellectual disability: Diagnosis. In Wenzel, A. (Series Ed.), *The SAGE Encyclopedia of Abnormal and Clinical Psychology*. Thousand Oaks, CA: SAGE Publications.

Prohn, S. M., Kelley, K. R. (2016). Intellectual disability: Social factors. In Wenzel, A. (Series Ed.), *The SAGE Encyclopedia of Abnormal and Clinical Psychology*. Thousand Oaks, CA: SAGE Publications.

### Journal Articles

Westling, D. L., Kelley, K. R., Prohn, S. (2016). A tiered approach to promote safety and security in an inclusive postsecondary education program for college students with intellectual disability. *DADD Online Journal*.

Kelley, K. R., Rivera, C., Kellems, R. O. (2016). Effects of direct systematic instruction on Google glass orientation with individuals with intellectual disability. *Journal of Special Education Technology*.

Kelley, K. R., Prohn, S. M., Westling, D. L. (2016). Inclusive study abroad course for college students with and without intellectual disabilities. *Journal of Postsecondary Education and Disability*, 29(1), 91-101.

### Technical Report

Kelley, K. R., Westling, D. L. (2016). *Quarterly Reports for the NC Council on Developmental Disabilities: Learning and Earning After High School: The Role of Transition Services in Raising Expectations and Attitudes for Students with Intellectual Disabilities*. RFA#2014-15-09.

### Presentations

Kelley, K. R., Rutgers Boggs Center on Developmental Disabilities Lecture Series, "College and career ready: Innovative practices that lead to integrated employment," Rutgers Boggs Center on Developmental Disabilities, Iselin, NJ. (September 2016).

Kelley, K. R., Rutgers Boggs Center on Developmental Disabilities Lecture Series, "Use of person centered planning and career assessments to enhance work and postsecondary education opportunities for individuals with developmental and intellectual disabilities," Rutgers Boggs Center on Developmental Disabilities, Iselin, NJ. (September 2016).

Kelley, K. R., Think College: Transition Programs for Students with Intellectual Disabilities Project Directors Meeting, "Academic access: Make it happen, make it meaningful," Think College, Indianapolis, IN. (July 2016).

Kelley, K. R., Nickelston, K., Buchanan, K., Elgin, A., Price, N., Joyner, B., American Association on Intellectual and Developmental Disabilities, "Roles and responsibilities of natural supports in a fully inclusive college experience for individuals with intellectual and developmental disabilities," American Association on Intellectual and Developmental Disabilities, Atlanta, GA. (June 2016).

Kelley, K. R., Buchanan, S. K., APSE Conference, "College to career ready: Innovative practices that lead to integrated employment," Association of People Supporting Employment First, Cincinnati, OH. (June 2016).

Kelley, K. R., Carlson, C., Think College Spring 2016 webinar series, "Developing inclusive residential services," Think College. (June 2016).

- Kelley, K. R., Westling, D. L., Cash, J., Hale, A., King, E., Carter, R., ...Yao, A., International Week of Diversity and Inclusive Education, "Inclusive practices in the UP Program at Western Carolina University," Pädagogische Hochschule Salzburg, Salzburg, Austria. (May 2016).
- Westling, D. L., Kelley, K. R., International Week of Diversity and Inclusive Education, "Inclusive teacher education in the states," Pädagogische Hochschule Salzburg, Salzburg, Austria. (May 2016).
- Kelley, K. R., Westling, D. L., Cash, J., Hale, A., King, E., Carter, R., Yao, A. Maynooth ILI meets Western Carolina Joint Colloquium. "Let's Talk Inclusion: Inclusive practices in the UP Program at Western Carolina University," Maynooth University, Maynooth, Ireland. (May 2016).
- Kelley, K. R., DREAM Partnership Inclusive Postsecondary Symposium, "Apps for learning," DREAM Partnership of PA, Camp Hill, PA. (April 2016).
- Kelley, K. R., DREAM Partnership Inclusive Postsecondary Symposium, "Campus safety and security," DREAM Partnership of PA, Camp Hill, PA. (April 2016).
- Kelley, K. R., Buchmann, S., DREAM Partnership Inclusive Postsecondary Symposium, "Exploring residential options," DREAM Partnership of PA, Camp Hill, PA. (April 2016).
- Cox, R., Kelley, K. R., North Carolina Division of Career Development and Transition Conference, "Academic access: Peer support training and strategies to support students with intellectual disabilities in college," NC DCDT, Greensboro, NC. (April 2016).
- Kelley, K. R., North Carolina Division of Career Development and Transition Conference, "Does college really make a difference? First hand stories and outcomes," North Carolina Division of Career Development and Transition, Greensboro, NC. (April 2016).
- Kelley, K. R., McLaughlin, M., North Carolina Division of Career Development and Transition Conference, "Roads to Learning and Earning (RTLE): Raising attitudes and expectations for students with intellectual disabilities," NC DCDT, Greensboro, NC. (April 2016).
- Kelley, K. R., Yerby, D., Prohn, S., Southeastern Postsecondary Education Alliance Capacity Building Institute, "A formative evaluation for postsecondary education program development and sustainability," Atlanta, GA. (April 2016).
- Kelley, K. R., Westling, D. L., Southeastern Postsecondary Education Alliance Capacity Building Institute, "Promoting safety and security in a postsecondary education program," Atlanta, GA. (April 2016).
- Kelley, K. R., Augsburger, J., Cash, J., Hale, A., Thompson, C., Southeastern Postsecondary Education Alliance Capacity Building Institute, "University Participant program: First hand experiences from students and supports," Atlanta, GA. (April 2016).
- Kelley, K. R., 17th International Conference on Autism, Intellectual, Disability and Developmental Disabilities, "A tiered approach to promote safety and security in a postsecondary education program for college students with intellectual disability," Division on Autism and Developmental Disabilities, Honolulu, HI. (January 2016).

## External Grants

- Westling, D. L. (Co-Principal), Kelley, K. R. (Co-Principal), "Improving Community Living Outcomes for College Graduates with an Intellectual Disability," Sponsored by Department of Health and Human Services Administration for Community Living, Federal. (September 2016 - Present).
- Westling, D. L. (Co-Principal), Kelley, K. R., "The UP Consortium: Expanding and improving a model PSE program," Sponsored by Office of Postsecondary Education. US-DOE, Model Comprehensive Transition and Postsecondary Programs for Students with Intellectual Disabilities into Higher Education, Federal, \$0.00. (September 2015 - Present).
- Westling, D. L., Kelley, K. R., "Western Carolina University's University Participant Program: An Inclusive Model Postsecondary Education Program for Individuals with Intellectual Disabilities," Sponsored by Office of Postsecondary Education. US-DOE, Federal, \$2,500,000.00. (October 1, 2010 - December 31, 2016).
- Westling, D. L. (Co-Principal), Kelley, K. R. (Co-Principal), "Learning and Earning After High School: The Role of Transition Services in Raising Expectations and Attitudes for Students with Intellectual Disabilities," Sponsored by North Carolina Council on Developmental Disabilities, State, \$150,000.00. (November 2015 - October 2016).

## Sponsored Research

- Kelley, K. R., Strahan, D. (Co-Principal), "Developing Inclusive Models for Students with Disabilities in WNC Schools: Dissemination of Information Through an Inclusion Conference," Sponsored by Western Carolina University SUTEP, Western Carolina University, \$0.00. (November 2015 - Present).
- Kelley, K. R. (Co-Principal), Westling, D. L. (Co-Principal), "Provost's Internal Funding Support Grant," Sponsored by Western Carolina University, Western Carolina University, \$10,000.00. (November 2015 - Present).

## **Siham Lekchiri**

### **Abstract**

Lekchiri, S. (2016). *The impact of technology on workforce development*. ATMAE White Papers. <http://www.atmae.org/?page=WhitePapers>

### **Journal Article**

Lekchiri, S., Eversole, B., Crowder, C., Clark, A., Zimmerman, T. (2016). Mothering and professing in the ivory tower: Supporting graduate student mothers. *Journal of the Motherhood Initiative for Research & Community Involvement*, 6(2), 65-80.

### **Presentations**

Lekchiri, S., Moler, P. (Author Only), Academy of Human Resource Development - Asia & Mena, "Exploring the Appropriateness of Performance Management Models in Hospital Settings- A Review of Literature," Al Akhawayn University in Ifrane, Al Akhawayn University Conference Center, Ifrane, Morocco. (November 2, 2016 - November 4, 2016).

Lekchiri, S. (Presenter & Author), Eversole, B. (Author Only), Hamlin, R. (Author Only), Academy of Human Resource Development Asia & Mena, "Perceived Managerial Efficacy in Moroccan Higher Ed Institutions- A Literature Review," AHRD, Al Akhawayn University Conference Center, Ifrane, Morocco. (November 2, 2016 - November 4, 2016).

## **Dr. Kofi Lomotey**

### **Book, Chapter in Scholarly Book**

Crow, R. K., Lomotey, K., Jorissen, K. T. (2016). An adaptive model for a rigorous professional practice doctorate: The disquisition. In V. Storey & K. Hesbol (Eds.), *Contemporary approaches to dissertation development and research methods*. Hershey, PA: IGA Global.

## **Dr. Lann A. Malesky, Jr.**

### **Journal Article**

Malesky, L. A., Baley, J., Crow, R. K. (2016). Academic dishonesty: Assessing the threat of cheating companies to online education. *College Teaching*.

### **Newsletter**

Malesky, L. A., Winter, K. K., Raggio, A. (2016). *Faculty Upset: Is it the Cheating or the Policies...or Both?* (6th ed., vol. 28, pp. 2-4). Western Carolina University, Cullowhee, NC: Faculty Forum.

### **Presentations**

Raggio, A., Malesky, L. A., Winter, K. K. (Author Only), Southeastern Psychological Association Conference, "Faculty's Preferred Consequences for Academic Dishonesty," Southeastern Psychological Association, New Orleans, LA. (2016).

McCord, A., Malesky, L. A., Southeastern Psychological Association Conference, "Tinder and the evolution of dating," New Orleans, LA. (2016).

Raggio, A., Malesky, L. A., Winter, K. K. (Author Only), Southeastern Psychological Association Conference, "University Faculty's Responses to Academic Dishonesty," Southeastern Psychological Association, New Orleans, LA. (2016).

### **Internal Grant**

Malesky, L. A., Grist, C. L., Crow, R. K., "Provost Internal Research Grant," Sponsored by Western Carolina University, Western Carolina University, \$15,000.00. (2016 - 2017).

## **Dr. David M. McCord**

### **Journal Articles**

McCord, D. M., Achee, M. C., Harrop, T. M., Cannon, E. M., Poynter, W. D. (2016). Using the Research Domain Criteria framework to explore associations between MMPI-2-RF constructs and physiological variables assessed by eye-tracker technology. *Journal of Personality Assessment*.

Franz, A. O., Harrop, T. M., McCord, D. M. (2016). Examining the construct validity of the MMPI-2-RF Interpersonal Functioning Scales using the Computerized Adaptive Test of Personality Disorder as a comparative framework. *Journal of Personality Assessment*.

Bridges, A. N., Wormley, K. A., Leavitt, I. W., McCord, D. M. (2016). Personality differences in treatment-seeking and non-treatment-seeking individuals with self-reported anorexia. *International Journal of Adolescent Medicine and Health*.

## **Presentations**

Ricketts, N., Haugh, S., McLean, A., McCord, D., 50th Annual MMPI Symposium, "Using the MMPI-2-RF as a Dimensional Measure of Co-Occurring Symptoms among Substance Use, Depressive, and Anxiety Disorders," Hollywood, FL. (May 2016).

Ricketts, N. (Presenter & Author), McLean, A. (Author Only), McCord, D. M., 2016 Annual Conference of the Southeastern Psychological Association (SEPA), "Generalized Anxiety, Expectancies, and Marijuana Use in College Students," South-eastern Psychological Association, New Orleans, LA. (April 2016).

## **Dr. Sarah T. Meltzer**

### **Internal Grants**

Flood, C. (Principal), Caudle, L. A. (Investigator), Meltzer, S. (Investigator), Watson, M. (Investigator), "Co-Teaching Model Pilot Study for Implementation: Phases Two and Three," Sponsored by College of Education and Allied Professions School University Teacher Education Partnership (SUTEP) Grants, Western Carolina University, \$2,500.00. (September 11, 2015 - Present).

Meltzer, S. T. (Investigator), Caudle, L. A. (Investigator), Flood, C. T. (Principal), Watson, M. (Investigator), "Co-Teaching Model Pilot Study for Implementation," Sponsored by College of Education and Allied Professions School University Teacher Education Partnership (SUTEP) Grants, Western Carolina University, \$2,500.00. (February 2015 - Present).

## **Dr. Justin Menickelli**

### **Book Review**

Menickelli, J. (2016). *Cheated: The UNC Scandal, the Education of Athletes, and the Future of Big-Time College Sports*. WCU Faculty Forum.

### **Book, Scholarly**

Menickelli, J., Pickens, R. S. (2016). *The Definitive Guide to Disc Golf* (pp. 192). Chicago, IL: Triumph Books.

### **Journal Article**

Menickelli, J., Barney, D., Grube, D. P., Cooper, C. A. (2016). Disc golf and walking benefits: A pedometer-based physical activity assessment. *International Journal of Physical Education, Fitness and Sports*.

### **Magazine/Trade Publication**

Menickelli, J. (2016). *Know the Code*. Professional Disc Golf Association. <http://www.pdga.com/know-code>

### **Presentation**

Grube, D. P., Menickelli, J., Hatfield, J., Bozymski, S., North Carolina Alliance for Athletics, Health, Physical Education, Recreation, and Dance - Sport Management, "Moving & Learning: Experiential Learning and Study Abroad." NCAA-HPERD-SM, Winston-Salem, NC. (November 10, 2016).

### **External Grant**

Menickelli, J. (Investigator), "Encouraging Inclusiveness through Disc Golf," Sponsored by Professional Disc Golf Association, Private, \$500.00. (June 2015 - May 2016).

### **Sponsored Research**

Menickelli, J., "The Sustainability of Golf Disc Designs," Sponsored by the Professional Disc Golf Association, Private, \$500.00. (June 1, 2016 - August 31, 2016).

## **Dr. Lee M. Nickles, III**

### **Internal Grant**

Nickles, G. M. (Co-Principal), Bricker, P. (Principal), Sanger, P. (Co-Principal), Howell, B. (Co-Principal), Houghton, B. (Co-Principal), Cruz, L. (Investigator), "Western iPad Sensor Project," Sponsored by US Department of Education, Western Carolina University.

## **April L. Perry**

### **Journal Article**

Spencer, C., Perry, A. L. (2016). Helping students maximize their degree as a competitive tool: The value of experiential learning. *William and Mary Educational Review*. <http://wmedreview.blogs.wm.edu/>

## **Dr. Maurice L. Phipps**

### **Internal Grant**

Phipps, M. L., "Development of kayak roll trainer," Sponsored by Engineering School and PRM, Western Carolina University, \$1,990.43. (April 20, 2014 - Present).

### **Patent**

Phipps, M. L., Clare, M. J., Barringer, J. C., Stenger, M. J. (2016). *United States No. 62/262,599*.  
Title: Devices, Systems related to methods for kayak roll training

## **Dr. Holly H. Pinter**

### **Chapter in Scholarly Book**

Pinter, H. H., Winter, K. K., Watson, M. (2016). How to Thrive in the Changing Landscape of Teacher Education: Planning for Implementation of Performance-Based Assessments. *Evaluating Teacher Education Programs through Performance-Based Assessments* (pp. 18-33). Hershey, PA: IGI Global.

### **Journal Articles**

Pinter, H. H., Wagman, J., Borchelt, N. (2016). P-16 Initiatives: Initiating a Conversation of Trajectories. *Teaching Children Mathematics*.

Pinter, H. H., Walkowiak, T., Berry, R. Q. (2016). Three Ts: Using Time, Tasks, and Talk to Maximize Students' Opportunities to Learn Mathematics. *Phi Delta Kappan: kappancommoncore.org*.

Pinter, H. H. (2016). Understanding and Addressing the Challenges of Teaching Middle Grades Mathematics Conceptually. *Association of Middle Level Educators*. <http://www.amlle.org/ServicesEvents/ResearchSummary/TabId/622/ArtMID/2112/ArticleID/618/Understanding-and-Addressing-the-Challenges-of-Teaching-Middle-Grades-Mathematics-Conceptually.aspx>

### **External Contracts**

Strahan, D., Winter, K. K., Pinter, H. H., Tracy, K. N., Scales, R. Q., "Creating Personal and Academic Connections in Middle Level Classrooms: A Responsive Teaching Approach to Success," Sponsored by NC Quest, State, \$0.00. (November 2013 - Present).

Pinter, H. H. (Co-Principal), "NSF Core Research Project," Sponsored by University of Virginia, Federal. (October 1, 2016 - September 30, 2018).

### **External Grants**

Pinter, H. H., Bloom, L., Strahan, D., Winter, K., "Breaking Barriers to Inclusion," Sponsored by American Association of Colleges for Teacher Education (AACTE), Other. (August 2014 - Present).

Pinter, H. H. (Co-Principal), Jacqua, K. (Principal), Borchelt, N., "Students and Teachers Advancing Mathematical Power (STAMP)," Sponsored by NC Science and Mathematics Partnerships, State. (August 2014 - Present).

Bloom, L. A. (Co-Principal), Pinter, H. H. (Co-Principal), "Whee Include," Sponsored by Spencer Foundation. (August 1, 2014 - Present).

Pinter, H. H. (Principal), Bloom, L. (Co-Principal), "WHEE Include: Evaluating the Impact of an Inclusive Education Program on Inclusion Teaching Practices," Sponsored by Spencer Foundation, Private. (August 2014 - Present).

Pinter, H. H. (Investigator), "Creating Personal and Academic Connections in Middle Grades Classrooms: A Responsive Teaching Approach to Success," Sponsored by NC Quest, State. (March 1, 2014 - May 1, 2017).

Pinter, H. H., Borchelt, N. (Co-Principal), Strahan, D. (Investigator), "Connecting Research to Practice: Supporting Curriculum Implementation using Standards-Based Mathematics Teaching Practices," Sponsored by NC Quest, State. (March 1, 2015 - August 30, 2016).

Pinter, H. H., Allen, A. L. S., Strahan, D., Borchelt, N. "Promoting Conceptually Based Teaching and Learning: Supporting Curriculum Implementation using Standards-Based Mathematics Teaching Practices," Sponsored by NC Quest, (2016).

## **Dr. Lisen C. Roberts**

### **Presentations**

Curtis, R. C., Roberts, L. C., Frick, M. H., Break by the Lake Counseling Conference, "Successful clients, families, and treatment experts," WCU Counseling Program, Canton, NC. (September 2016).

- Curtis, R. (Presenter & Author), Roberts, L., 2016 WCU Counseling Clinical Supervision Conference, "Success Stories: Clinical Supervision Informed by Successful Clients," WCU Counseling, Biltmore Park room 338, Asheville, NC. (March 18, 2016).
- Roberts, L. C., Cross-Cultural Counseling and Education Conference for Research, Action and Change, "Small prompts, big effects: Audio-visual discussion starters for cultural awareness," Savannah, GA. (February 2016).
- Roberts, L. C., Hinds, M., Moloney, D., North Carolina Counseling Association conference, "Learning to see blind spots: Ethical considerations on multicultural competence," North Carolina Counseling Association, Greensboro, NC. (February 2016).
- Curtis, R. C. (Presenter & Author), Roberts, L., North Carolina Counseling Association's Annual Conference, "Success Stories: Clients' Report of what helped and what hindered while in counseling," NCCA, Grandover Resort, Greensboro, NC. (February 18, 2016 - February 20, 2016).

## **Dr. Phyllis K. Robertson**

### **Presentation**

- Robertson, P. K., Benfield, J., West Region Drive-In Workshop, "Strategies for a Comprehensive Program in School Counseling," NC School Counseling Association, Biltmore Park, Asheville, NC. (March 9, 2016).

### **External Grants**

- Robertson, P. K. (Investigator), Weiler, J. R. (Principal), "NC School Executive Leadership Program: Advancing School Leadership in NC," Sponsored by NC Association for School Leadership Development, State, \$400,561.00. (December 2016 - July 2018).
- Robertson, P. K., Frick, M. H., Curtis, R. C., Graves, E. G., "Behavioral Health Workforce Education and Training for Paraprofessionals and Professionals," Sponsored by Health Resources and Service Administration, Federal, \$6.00. (November 2016).

## **Ms. Carrie B. Rogers**

### **Book**

- Helman, L., Rogers, C. B., Frederick, A., Struck, M. (2016). *Inclusive Literacy Teaching: Differentiating Approaches in Multilingual Elementary Classrooms*. New York: NY: Teachers College Press.

### **Journal Article**

- Rogers, C. B. (2016). "I'm not so sure...": Teacher educator action research into uncertainty. *Networks: An Online Teacher Research*, 18(2). <http://journals.library.wisc.edu/index.php/networks/index>

## **Dr. Charmion B. Rush**

### **Presentation**

- Rush, C. B. R. (Leader), Robinson, G. (Leader), North Carolina Council for Exceptional Children Annual Conference, "Responding to perceptions: How do we keep bias at bay," NC-CEC, Pinehurst Resort, Pinehurst, NC. (January 29, 2016).

### **External Grant**

- Rush, C. B. (Principal), "i3@UNC Summer Fellowship in Online and Blended Course Design," Sponsored by UNC Office of Learning Technology & Innovation, State. (January 13, 2016 - February 2016).

## **Mr. David D. Scales**

### **Presentations**

- Goodwin, G. S. (Presenter & Author), Scales, W. D. (Author Only), National Council on Undergraduate Research, "Authoritative/authoritarian beliefs and the LGBT+ community: A qualitative analysis of attitudes towards exposure to same-sex scenarios," National Council on Undergraduate Research, Asheville, NC. (April 2016).
- Newton, S. L. (Presenter & Author), Scales, W. D. (Author Only), National Council on Undergraduate Research, "Hostility and aggression at the endpoint of a dating relationship," National Council on Undergraduate Research, Asheville, NC. (April 2016).
- White, G. (Presenter & Author), Scales, W. D. (Author Only), National Council on Undergraduate Research, "Predictors of hooking up in a rural university setting," National Council on Undergraduate Research, Asheville, NC. (April 2016).
- Marino, S. J. (Presenter & Author), Scales, W. D. (Author Only), National Council on Undergraduate Research, "Slut shaming in women," National Council on Undergraduate Research, Asheville, NC. (April 2016).

## **Dr. Roya Q. Scales**

### **External Contract**

Strahan, D., Winter, K. K., Pinter, H. H., Tracy, K. N., Scales, R. Q., "Creating Personal and Academic Connections in Middle Level Classrooms: A Responsive Teaching Approach to Success," Sponsored by NC Quest, State, \$0.00. (November 2013 - Present).

## **Dr. Ethan J. Schilling**

### **Journal Article**

Schilling, E. J., Grapin, S. L., Hyson, D. M. (2016). Developing undergraduate courses in school psychology: Tips from the trenches. *NASP Communiqué*, 44(6), 20-22.

### **Other Publication**

Grapin, S. L., Bocanegra, J. O., Schilling, E. J. (2016). *Developing undergraduate school psychology courses and field experiences* (pp. 4). Bethesda, MD: Technical Assistance Brief, National Association of School Psychologists. [http://www.nasponline.org/assets/Documents/TAB\\_Developing\\_Undergraduate\\_SP\\_Programs.pdf](http://www.nasponline.org/assets/Documents/TAB_Developing_Undergraduate_SP_Programs.pdf)

### **Presentations**

Parrish, T. (Presenter & Author), Schilling, E. J., 2016 National Conference on Undergraduate Research, "Assessment of knowledge of school psychology among undergraduates," NCUR, Asheville, NC. (April 2016).

Schilling, E. J., Kalmeijer, A. (Presenter Only), 2016 NASP Annual Convention, "School reentry services for students with chronic health conditions," NASP, New Orleans, LA. (February 2016).

## **Dr. Valerie L. Schwiebert**

### **Book, Chapter in Scholarly Book**

Schwiebert, V. L., Dry, A. E.M. Schwiebert, V., & Dry, A.M. (2014). Adolescents: Gaming, challenges and resilience adversity. In M.T. Garrett (Ed.) *Psychology, Influences of Childhood & Adolescence and Coping Strategies*. Hauppauge, NY: NOVA Science Publications. *Psychology, Influences of Childhood & Adolescence and Coping Strategies*.

### **Presentation**

Hinton, J. L. (Presenter & Author), Perlotto, K. G. (Presenter & Author), Schwiebert, V. L. (Presenter Only), NCRTA 2016 Annual Conference, "Meet Gus: Benefits of canine animal assisted therapy for diverse patient population groups in recreational therapy," North Carolina Recreational Therapy Association, Sheraton Greensboro at Four Seasons, Greensboro, NC. (October 2016).

### **External Grant**

Schwiebert, V. L. (Co-Principal), Odom, K. M. (Co-Principal), "Holistic Health Center for Dementia Patients and their caregivers," Sponsored by NIH, Federal, \$250,000.00. (September 2014 - Present).

### **Internal Grant**

Schwiebert, V. L. (Co-Principal), Wagoner, A., "Graduate Research Grant," Sponsored by Western Carolina University, Western Carolina University, \$0.00.

## **Dr. John J. Sherlock**

### **Presentations**

Sherlock, J. J., "Generational Diversity: The Challenges and Opportunities of Managing Millennials in the Workplace," Harris Regional Hospital, Harris Regional Hospital, Sylva, NC. (April 2016).

Sherlock, J. J., ABA Winter Institute 2016, "Aligning your Talent Strategy with your Business Strategy," American Booksellers Association, Denver, CO. (January 2016).

Sherlock, J. J., ABA Winter Institute 2016, "Skills Inventories: A Key to Talent Management," American Booksellers Association, Denver, CO. (January 2016).

### **External Grant**

Sherlock, J. J., Germain, M.-L., "Enhancing competencies and civic engagement: Virtual field experiences for students in online academic programs," Sponsored by University of North Carolina General Administration, State, \$22,617.00. (April 2015 - June 2016).

## **Dr. Ellen Sigler**

### **Patent**

Socha, A., Sigler, E. A. *United States No. TXu 1-746-998*. Title: Student Perceptions of Self and Academic Support (SPSAS) Inventory.

## **Ms. Debby F. Singleton**

### **Presentations**

Singleton, D. F. (Presenter & Author), Watterson, T. A. (Presenter & Author), McKnight, M. (Presenter & Author), Collaborative Regional Educational Workshop, "Brain Breaks & Energizers," North Carolina School Board, Cherokee Central Schools, Cherokee, NC. (October 6, 2016).

Watterson, T. A. (Presenter & Author), Singleton, D. F. (Presenter & Author), McKnight, M. (Presenter & Author), Collaborative Regional Educational Workshop, "Creating Developmentally Appropriate Games and Activities for Today's Students." North Carolina School Board, Cherokee Central Schools, Cherokee, NC. (October 6, 2016).

### **External Sponsored Research**

Singleton, D. F., Watterson, T. A. (Co-Principal), McKnight, M. (Co-Principal), "School Health Guidelines to Promote Healthy Eating and Physical Activity," Sponsored by WCU, Centers for Disease Control, American Cancer Society, Federal, \$0.00. (November 2013 - Present).

## **Dr. Dean T. Spaulding**

### **Presentation**

Crow, R. K., Hinnant-Crawford, B. N., Spaulding, D. T., Allen, A. L. S., Carnegie Project on the Education Doctorate, "The Challenge of Developing New Faculty's Understanding of the Unique Research Knowledge and Skill Needs of Scholar-Practitioners," Augusta University, Augusta, GA. (October 25, 2016).

## **Dr. David Strahan**

### **Presentation**

Strahan, D., Tracy, K. N., Montgomery, S., Annual Conference of the American Educational Research Association, "Ways that teaching and learning become more visible in a professional development project," AERA, Washington, DC. (April 2016).

### **External Grants**

Pinter, H. H., Borchelt, N. (Co-Principal), Strahan, D. (Investigator), "Connecting Research to Practice: Supporting Curriculum Implementation using Standards-Based Mathematics Teaching Practices," Sponsored by NC Quest, State. (March 1, 2015 - August 30, 2016).

Pinter, H. H., Allen, A. L. S., Strahan, D., Borchelt, N. "Promoting Conceptually Based Teaching and Learning: Supporting Curriculum Implementation using Standards-Based Mathematics Teaching Practices," Sponsored by NC Quest, (2016).

### **Internal Sponsored Research**

Kelley, K. R., Strahan, D. (Co-Principal), "Developing Inclusive Models for Students with Disabilities in WNC Schools: Dissemination of Information Through an Inclusion Conference," Sponsored by Western Carolina University SUTEP, Western Carolina University, \$0.00. (November 2015 - Present).

## **Dr. Adrienne Stuckey**

### **Journal Article**

Terry, N. P., Connor, C. M., Johnson, L., Stuckey, A., Tani, N. (2016). Dialect variation, dialect-shifting, and reading comprehension in second grade. *Reading and Writing*, 29(2), 267-295.

### **Internal Grant**

Stuckey, A., "Adolescent Student-Teacher Interactions," Sponsored by School of Teaching and Learning, Western Carolina University, \$5,000.00. (November 16, 2015 - Present).

## **Dr. Elizabeth H. Thompson Rainey**

## Internal Grants

- Thompson Rainey, E. H., "Child-Witnesses of Domestic Violence: The Evolution of a Counseling Group," Sponsored by Chancellor's Travel Fund, Western Carolina University, \$900.00.
- Thompson Rainey, E. H., "Current Research Findings in Wellness, Self-care, and burnout Prevention in Supervision with Master's Degree Counseling Students," Sponsored by Chancellor's Travel Fund, Western Carolina University, \$1,000.00.
- Thompson Rainey, E. H. (Principal), "Group Counseling for Young Children Exposed to Domestic Violence," Sponsored by Chancellor's Travel Fund, Western Carolina University, \$700.00.
- Thompson Rainey, E. H., "Qualitative data on experiential group work." Sponsored by Chancellors Travel Fund, Western Carolina University, \$1,100.00. (February 19, 2016).

## Dr. Kelly N. Tracy

### Journal Article

- Gatti, M., Tracy, K. N. (2016). Improving student attitudes towards writing: Engaging reluctant writers through digital storytelling. *Reading Matters*, 16, 6-10.

### Presentations

- Strahan, D., Tracy, K. N., Montgomery, S., Annual Conference of the American Educational Research Association, "Ways that teaching and learning become more visible in a professional development project," AERA, Washington, DC. (April 2016).
- Tracy, T., Tracy, K. N., Annual Conference of the South Carolina Council of Teachers of English, "Understanding Disciplinary Literacy within ELA." Kiawah Island, SC. (January 2016).

### External Contract

- Strahan, D., Winter, K. K., Pinter, H. H., Tracy, K. N., Scales, R. Q., "Creating Personal and Academic Connections in Middle Level Classrooms: A Responsive Teaching Approach to Success," Sponsored by NC Quest, State, \$0.00. (November 2013 - Present).

## Ms. Myra K. Watson

### Chapter in Scholarly Book

- Pinter, H. H., Winter, K. K., Watson, M. (2016). How to Thrive in the Changing Landscape of Teacher Education: Planning for Implementation of Performance-Based Assessments. *Evaluating Teacher Education Programs through Performance-Based Assessments* (pp. 18-33). Hershey, PA: IGI Global.

### Internal Grants

- Flood, C. (Principal), Caudle, L. A. (Investigator), Meltzer, S. (Investigator), Watson, M. (Investigator), "Co-Teaching Model Pilot Study for Implementation: Phases Two and Three," Sponsored by College of Education and Allied Professions School University Teacher Education Partnership (SUTEP) Grants, Western Carolina University, \$2,500.00. (September 11, 2015 - Present).
- Meltzer, S. T. (Investigator), Caudle, L. A. (Investigator), Flood, C. T. (Principal), Watson, M. (Investigator), "Co-Teaching Model Pilot Study for Implementation," Sponsored by College of Education and Allied Professions School University Teacher Education Partnership (SUTEP) Grants, Western Carolina University, \$2,500.00. (February 2015 - Present).

## Dr. Tom A. Watterson

### Presentations

- Singleton, D. F. (Presenter & Author), Watterson, T. A. (Presenter & Author), McKnight, M. (Presenter & Author), Collaborative Regional Educational Workshop, "Brain Breaks & Energizers," North Carolina School Board, Cherokee Central Schools, Cherokee, NC. (October 6, 2016).
- Watterson, T. A. (Presenter & Author), Singleton, D. F. (Presenter & Author), McKnight, M. (Presenter & Author), Collaborative Regional Educational Workshop, "Creating Developmentally Appropriate Games and Activities for Today's Students." North Carolina School Board, Cherokee Central Schools, Cherokee, NC. (October 6, 2016).
- Keath, A. (Presenter & Author), Watterson, T. A. (Presenter & Author), Baek, J.-H. (Presenter Only), Goad, T. (Presenter Only), National PE Institute, "Get Your Feet Wet with EdTech." UNC-Asheville, UNC-Asheville, Asheville, NC. (July 25, 2016 - July 27, 2016).
- Watterson, T. A., International Health and Physical Education Institute. "Technology Applications in Health and Physical Education." Western Carolina University, Cullowhee, NC. (June 20, 2016 - June 24, 2016).

## External Grant

Watterson, T. A., “Engaging Businesses for Health. Building the evidence base for private sector investment in the health of the community.” Sponsored by Robert Wood Johnson Foundation, Private, \$0.00. (May 16, 2016).

## Sponsored Research

Singleton, D. F., Watterson, T. A. (Co-Principal), McNight, M. (Co-Principal), “School Health Guidelines to Promote Healthy Eating and Physical Activity,” Sponsored by WCU, Centers for Disease Control, American Cancer Society, Federal, \$0.00. (November 2013 - Present).

## Internal Grant

Watterson, T. A. (Principal), “AFIT research study,” Sponsored by STL research support grant, Western Carolina University, \$5,060.00. (April 1, 2015 - Present).

## Dr. Jess R. Weiler

### Publication

Weiler, J. R. *Coming to Collaboration: A Study of the Factors Contributing to the Successful Development of Common Learning Targets and Common Formative Assessments* (pp. 207). Ann Arbor, MI: ProQuest LLC.

### External Grants

Weiler, J. R. (Co-Principal), “Transforming Principal Preparation in North Carolina,” Sponsored by NCSALD: North Carolina Alliance for School Leadership Development, State. (March 1, 2016 - Present).

Allen, A. (Investigator), Weiler, J. R., “University Principal Preparation Initiative,” Sponsored by Wallace Foundation, Private. (February 1, 2016 - Present).

Robertson, P. K. (Investigator), Weiler, J. R. (Principal), “NC School Executive Leadership Program: Advancing School Leadership in NC,” Sponsored by NC Association for School Leadership Development, State, \$400,561.00. (December 2016 - July 2018).

## Dr. David L. Westling

### Journal Articles

Westling, D. L., Kelley, K. R., Prohn, S. (2016). A tiered approach to promote safety and security in an inclusive postsecondary education program for college students with intellectual disability. *DADD Online Journal*.

Kelley, K. R., Prohn, S. M., Westling, D. L. (2016). Inclusive study abroad course for college students with and without intellectual disabilities. *Journal of Postsecondary Education and Disability*, 29(1), 91-101.

### Technical Report

Kelley, K. R., Westling, D. L. (2016). *Quarterly Reports for the NC Council on Developmental Disabilities: Learning and Earning After High School: The Role of Transition Services in Raising Expectations and Attitudes for Students with Intellectual Disabilities*. RFA#2014-15-09.

### Presentations

Kelley, K. R., Westling, D. L., Cash, J., Hale, A., King, E., Carter, R., ...Yao, A., International Week of Diversity and Inclusive Education, “Inclusive practices in the UP Program at Western Carolina University,” Pädagogische Hochschule Salzburg, Salzburg, Austria. (May 2016).

Westling, D. L., Kelley, K. R., International Week of Diversity and Inclusive Education, “Inclusive teacher education in the states,” Pädagogische Hochschule Salzburg, Salzburg, Austria. (May 2016).

Kelley, K. R., Westling, D. L., Cash, J., Hale, A., King, E., Carter, R., Yao, A., Maynooth ILI meets Western Carolina Joint Colloquium, “Let’s Talk Inclusion Inclusive practices in the UP Program at Western Carolina University,” Maynooth University, Maynooth, Ireland. (May 2016).

Kelley, K. R., Westling, D. L., Southeastern Postsecondary Education Alliance Capacity Building Institute, “Promoting safety and security in a postsecondary education program,” Atlanta, GA. (April 2016).

### External Grants

Westling, D. L. (Co-Principal), Kelley, K. R. (Co-Principal), “Improving Community Living Outcomes for College Graduates with an Intellectual Disability,” Sponsored by Department of Health and Human Services Administration for Community Living, Federal. (September 2016 - Present).

Westling, D. L. (Co-Principal), Kelley, K. R., "The UP Consortium: Expanding and improving a model PSE program," Sponsored by Office of Postsecondary Education. US-DOE, Model Comprehensive Transition and Postsecondary Programs for Students with Intellectual Disabilities into Higher Education, Federal, \$0.00. (September 2015 - Present).

Westling, D. L., Cooper-Duffy, K. J., "The Western Carolina University Personnel Preparation Project in Severe Disabilities: Preparing, Supporting, and Evaluating Educators in Rural School Districts," Sponsored by U.S. Department of Education, Federal. (September 1, 2016 - August 31, 2021).

Westling, D. L. (Principal), "The Relationship between Post-Secondary Education Program Components and Program Effects," Sponsored by US Department of Education, Federal, \$0.00. (September 1, 2014 - August 31, 2017).

Westling, D. L., Kelley, K. R., "Western Carolina University's University Participant Program: An Inclusive Model Postsecondary Education Program for Individuals with Intellectual Disabilities," Sponsored by Office of Postsecondary Education. US-DOE, Federal, \$2,500,000.00. (October 1, 2010 - December 31, 2016).

Westling, D. L. (Co-Principal), Kelley, K. R. (Co-Principal), "Learning and Earning After High School: The Role of Transition Services in Raising Expectations and Attitudes for Students with Intellectual Disabilities," Sponsored by North Carolina Council on Developmental Disabilities, State, \$150,000.00. (November 2015 - October 2016).

Westling, D. L. (Principal), Cooper-Duffy, K. J. (Co-Principal), "The Western Carolina University Personnel Preparation Project in Severe Disabilities." Sponsored by U.S Department of Education, Federal. (January 2016).

### **Internal Sponsored Research**

Kelley, K. R. (Co-Principal), Westling, D. L. (Co-Principal), "Provost's Internal Funding Support Grant," Sponsored by Western Carolina University, Western Carolina University, \$10,000.00. (November 2015 - Present).

## **Dr. Kim K. Winter**

### **Chapter in Scholarly Book**

Pinter, H. H., Winter, K. K., Watson, M. (2016). How to Thrive in the Changing Landscape of Teacher Education: Planning for Implementation of Performance-Based Assessments. *Evaluating Teacher Education Programs through Performance-Based Assessments* (pp. 18-33). Hershey, PA: IGI Global.

### **Newsletter**

Malesky, L. A., Winter, K. K., Raggio, A. (2016). *Faculty Upset: Is it the Cheating or the Policies...or Both?* (6th ed., vol. 28, pp. 2-4). Western Carolina University, Cullowhee, NC: Faculty Forum.

### **Newspaper**

Carpenter, C. D., Winter, K. K. (2016). *Today's teachers are better than ever*. Asheville, NC: Asheville Citizen Times. <http://www.citizen-times.com/story/opinion/contributors/2016/01/15/guest-columnist-thanks-teacher-education-program-todays-teachers-better-ever/78845902/>

### **Website**

Carpenter, C. D., Winter, K. K. (2016). *Today's teachers are better than ever*. North Carolina: Education NC (edNC). <https://www.ednc.org/2016/01/28/todays-teachers-are-better-than-ever/>

### **Presentations**

Raggio, A., Malesky, L. A., Winter, K. K. (Author Only), Southeastern Psychological Association Conference, "Faculty's Preferred Consequences for Academic Dishonesty," Southeastern Psychological Association, New Orleans, LA. (2016).

Raggio, A., Malesky, L. A., Winter, K. K. (Author Only), Southeastern Psychological Association Conference, "University Faculty's Responses to Academic Dishonesty," Southeastern Psychological Association, New Orleans, LA. (2016).

### **External Contract**

Strahan, D., Winter, K. K., Pinter, H. H., Tracy, K. N., Scales, R. Q., "Creating Personal and Academic Connections in Middle Level Classrooms: A Responsive Teaching Approach to Success," Sponsored by NC Quest, State, \$0.00. (November 2013 - Present).

### **External Grants**

Winter, K. K., Kears, J., Tardiff, T., Martinez, A., "Linking Economic Development and Education," Sponsored by Appalachian Regional Commission (ARC), State, \$0.00. (June 2013 - Present).

Petrone, E. A., Winter, K. K., "Cultivating Holistic Supports for English Learners (CHISEL)," Sponsored by Office of English Language Acquisition, a division of the US Department of Education., Federal. (2016 - 2021).

Winter, K. K., Petrone, E. A., "After School Quality Improvement Grant," Sponsored by North Carolina Department of Public Instruction, State, \$28,588,600.00. (January 2015 - August 2016).

## **Sponsored Research**

Winter, K. K., Petrone, E. A., "Education Research Grant," Sponsored by Institute of Education Sciences (IES), Federal. (2016).

## **Internal Sponsored Research**

Petrone, E. A., Winter, K. K., "The Impact of a Linguistically Responsive Learning Context on the Self- Efficacy of Pre-Service Teachers' Preparing to Work with English Language Learners." Sponsored by Provost's Research Incentive Grant, Western Carolina University, Western Carolina University, \$0.00. (March 1, 2016 - Present).

# **College of Engineering and Technology**

## **Dr. Robert D. Adams**

### **Conference Proceedings**

Yan, Y., Yanik, P. M., Kaul, S., Ferguson, C. W., Adams, R. D., Stone, W. L., Jack, H., Ray, J. L. (2016). The Challenges and Lessons Learned in Establishing a Travel Course. *The 5th Annual ASEE (American Society of Engineering Education) International Forum* (pp. 1-26). ASEE.

Karayaka, H. B., Adams, R. D. *A Capstone Project: The Electron Garden on the Green (EGG)*. American Society of Engineering Educators.

### **External Grants**

Ferguson, C. W. (Principal), Adams, R. D. (Investigator), Gardner, P. J. (Investigator), Yang, W. (Investigator), "SPIRIT (Scholarship Initiative via Recruitment, Innovation, and Transformation)," Sponsored by National Science Foundation (NSF), Federal. (June 1, 2013 - May 31, 2017).

Zhang, J. Z., Adams, R. D., Ferguson, C. W., Krauss, A., Yang, W. (Investigator), "SPIRIT: Scholarship Initiative via Recruitment, Innovation, and Transformation," Sponsored by National Science Foundation (NSF), Federal. (July 1, 2012 - June 30, 2016).

Karayaka, H. B., Kaul, S., Thompson, A., Tay, P., Adams, R. D. "REU Site: Wave Energy Conversion and Renewable Energy Education," Sponsored by NSF, Federal. (July 2016 - August 2016).

## **Dr. Yazan A. Alqudah**

### **Presentation**

Alqudah, Y. A., Sababha, B. H. "A Statistical Approach to Estimating Driving Events by a Smartphone," The 2016 International Conference on Computational Science and Computational Intelligence, Las Vegas, NV (Dec 15-17, 2016).

## **Mr. Michael J. Clare**

### **Patent**

Phipps, M. L., Clare, M. J., Barringer, J. C., Stenger, M. J. (2016). *United States No. 62/262,599*. Title: Devices, Systems related to methods for kayak roll training

## **Dr. Chip W. Ferguson**

### **Conference Proceedings**

Kaul, S., Ferguson, C. W., Yanik, P. M., Yan, Y. (2016). Importance of Undergraduate Research: Efficacy and Student Perceptions. *123rd ASEE (American Society of Engineering Education) Annual Conference and Exposition* (pp. 1-14). New Orleans, LA: ASEE.

Ferguson, C. W., Yanik, P. M., Yan, Y., Kaul, S. (2016). NSF S-STEM SPIRIT Program: Scholarship Program Initiative via Recruitment, Innovation, and Transformation, Year-One Results. *123rd ASEE (American Society of Engineering Education) Annual Conference and Exposition* (pp. 1-12). New Orleans, LA: ASEE.

Yan, Y., Kaul, S., Ferguson, C. W., Yanik, P. M., Tallant, A. C. (2016). Perceptions and Applications of Honors Contracts in Developing an Undergraduate Engineering Research Experience. *123rd ASEE (American Society of Engineering Education) Annual Conference and Exposition* (pp. 1-21). New Orleans, LA: ASEE.

Yanik, P. M., Yan, Y., Kaul, S., Ferguson, C. W. (2016). Sources of Anxiety among Engineering Students: Assessment and Mitigation. *123rd ASEE (American Society of Engineering Education) Annual Conference and Exposition* (pp. 1-12). New Orleans, LA: ASEE.

Yan, Y., Yanik, P. M., Kaul, S., Ferguson, C. W., Adams, R. D., Stone, W. L., Jack, H., Ray, J. L. (2016). The Challenges and Lessons Learned in Establishing a Travel Course. *The 5th Annual ASEE (American Society of Engineering Education) International Forum* (pp. 1-26). ASEE.

### External Grants

Ferguson, C. W. (Principal), Yanik, P. M. (Co-Principal), Kaul, S. (Co-Principal), Yan, Y. (Co-Principal), "SPIRIT: Scholarship Program Initiative via Recruitment, Innovation, and Transformation," Sponsored by National Science Foundation, Federal, \$625,179.00. (June 1, 2014 - May 31, 2018).

Ferguson, C. W. (Principal), Adams, R. D. (Investigator), Gardner, P. J. (Investigator), Yang, W. (Investigator), "SPIRIT (Scholarship Initiative via Recruitment, Innovation, and Transformation)," Sponsored by National Science Foundation (NSF), Federal. (June 1, 2013 - May 31, 2017).

Zhang, J. Z., Adams, R. D., Ferguson, C. W., Krauss, A., Yang, W. (Investigator), "SPIRIT: Scholarship Initiative via Recruitment, Innovation, and Transformation," Sponsored by National Science Foundation (NSF), Federal. (July 1, 2012 - June 30, 2016).

## Dr. George D. Ford

### External Sponsored Research

Ball, A. K. (Co-Principal), Ford, G. D., "An Integrated System for Improving Energy Audits," Sponsored by Appalachian Regional Commission, Federal, \$45,000.00.

## Dr. Patrick J. Gardner

### Conference Proceedings

Chaires, J., Karayaka, H. B., Yan, Y., Gardner, P. J. (2016). Solar Farm Hourly Dispatching using Super-Capacitor and Battery System. *The 15th IEEE Annual Power Systems Conference*.

### External Grants

Ferguson, C. W. (Principal), Adams, R. D. (Investigator), Gardner, P. J. (Investigator), Yang, W. (Investigator), "SPIRIT (Scholarship Initiative via Recruitment, Innovation, and Transformation)," Sponsored by National Science Foundation (NSF), Federal. (June 1, 2013 - May 31, 2017).

Yanik, P. M. (Principal), Collins, B. S. (Investigator), Gardner, P. J. (Investigator), Walker, I. D. (Investigator), "Use of Continuum Robotic Agents for Environmental Monitoring," Sponsored by National Science Foundation, Federal. (2016).

Pierce, R. S. (Principal), Gardner, P. J. (Co-Principal), June, M. S. (Investigator), "Pathways to Innovation," Sponsored by Venturewell, Private, \$4,000.00. (October 2015 - October 2016).

## Dr. Hugh Jack

### Book, Textbook

Jack, H. (2016). *Automating Manufacturing Systems with PLCs, Version 2016*.

### Conference Proceedings

Qi, H., Jack, H. (2016). *A Scalable Course Project to Accommodate Academic Variation*. 2016 American Society for Engineering Education Annual Conference.

Thomas, N. E., Yan, Y., Jack, H. (2016). MAKER: A Kilobot Swarm. *American Society of Engineering Education Annual Conference and Exposition*. 2016 American Society for Engineering Education Annual Conference.

Yan, Y., Yanik, P. M., Kaul, S., Ferguson, C. W., Adams, R. D., Stone, W. L., Jack, H., Ray, J. L. (2016). The Challenges and Lessons Learned in Establishing a Travel Course. *The 5th Annual ASEE (American Society of Engineering Education) International Forum* (pp. 1-26). ASEE.

### Presentation

Jack, H., "3D Design and Printing Fundamentals for K-12 Teachers," Biltmore Park, Asheville, NC. (March 17, 2016).

## Dr. Bora B. Karayaka

### Conference Proceedings

Karayaka, H. B., Adams, R. D. *A Capstone Project: The Electron Garden on the Green (EGG)*. American Society of Engineering Educators.

Chaires, J., Karayaka, H. B., Yan, Y., Gardner, P. J. (2016). Solar Farm Hourly Dispatching using Super-Capacitor and Battery System. *The 15th IEEE Annual Power Systems Conference*.

## Presentation

Karayaka, H. B. (Presenter & Author), Sang, Y. (Author Only), Yan, Y. (Author Only), Zhang, J. (Author Only), Muljadi, E. (Author Only), Yu, Y.-H., IEEE Power and Energy Society General Meeting, "Slider-Crank Type Wave Energy Converter," IEEE, Sheraton Boston Hotel, Boston, MA. (July 19, 2016).

## External Grants

Karayaka, H. B. (Principal), June, M. S. (Co-Principal), Thompson, A. C. (Co-Principal), "Project Based Learning Program for Nuclear Workforce Development (PBLP4NWD)," Sponsored by Nuclear Regulatory Commission, Federal, \$199,119.00. (July 1, 2016 - June 1, 2018).

Karayaka, H. B. (Principal), "Mobile Lab Bench to Promote ECET Education in Sustainability Topics," Sponsored by ASEE-ECETDHA and WCU-CET, Other, \$3,000.00. (April 1, 2016 - March 31, 2018).

Karayaka, H. B., Kaul, S., Thompson, A., Tay, P., Adams, R.D. "REU Site: Wave Energy Conversion and Renewable Energy Education," Sponsored by NSF, Federal. (July 2016 - August 2016).

## Sponsored Research

Karayaka, H. B. (Principal), "CAREER: Modeling and Analysis of a Hybrid Wind and Wave Energy Conversion Scheme (MA-HI-WECS)," Sponsored by NSF, Federal, \$403,029.00.

Karayaka, H. B. (Co-Principal), Yildiz, F. (Principal), Aung, K. T. (Co-Principal), Crockford, W. W. (Co-Principal), "Collaborative: RUI: REU Site: Research Opportunities for Undergraduates in Renewable Energy Systems," Sponsored by NSF, Federal, \$106,281.00.

Karayaka, H. B. (Co-Principal), Yildiz, F. (Principal), Aung, K. (Co-Principal), "Measurement, Evaluation, and Comparison of Sustainable Energy Resources with a Mobile Research Lab," Sponsored by Texas Higher Education Coordinating Board, State, \$200,000.00.

Naehr, T. H. (Co-Principal), Um, D. (Principal), Karayaka, H. B. (Co-Principal), Mahdy, A. M. (Co-Principal), Simionescu, P.-A. (Co-Principal), "Teaching Underwater Vehicle Technology to Mechanical Engineering, Biology, Computer Science, and K-12 students," Sponsored by NSF/DUE, Federal, \$247,319.00.

## Internal Grants

Karayaka, H. B., Yan, Y., "Control and Grid Integration for a Slider Crank Wave Energy Converter Power Take-Off System via High Performance Computing," Sponsored by WCU Kimmel School, Western Carolina University. (July 1, 2016).

Karayaka, H. B., Yan, Y., "Real Time Control and Grid Integration for a Slider Crank Wave Energy Converter Power Take-Off System," Sponsored by RAPID Center, Western Carolina University, \$10,000.00. (July 1, 2016).

## Sponsored Research

Karayaka, H. B., "Optimal Control for Efficient Electric Heating," Sponsored by WCU Graduate School and Research, Western Carolina University, \$5,000.00. (July 1, 2016 - June 30, 2017).

## Dr. Sudhir Kaul

### Conference Proceedings

June, M. S., Kaul, S. (2016). *Thermo-Fluid Curriculum for Engineering Technology: Learning Outcomes and Industry Needs*. International Association of Journals and Conferences.

Kaul, S. (2016). *Influence of fractional damping and time delay on Maxwell-Voigt model for vibration isolation* (pp. 6). New York/ASME: ASME.

Williams, T., Kaul, S., Dhingra, A. (2016). *An Analytical Approach to Assess Bicycle Frame Stiffness and Dynamics*. Milwaukee, WI: Bicycle and Motorcycle Dynamics Symposium.

Kaul, S., Ferguson, C. W., Yanik, P. M., Yan, Y. (2016). Importance of Undergraduate Research: Efficacy and Student Perceptions. *123rd ASEE (American Society of Engineering Education) Annual Conference and Exposition* (pp. 1-14). New Orleans, LA: ASEE.

Ferguson, C. W., Yanik, P. M., Yan, Y., Kaul, S. (2016). NSF S-STEM SPIRIT Program: Scholarship Program Initiative via Recruitment, Innovation, and Transformation, Year-One Results. *123rd ASEE (American Society of Engineering Education) Annual Conference and Exposition* (pp. 1-12). New Orleans, LA: ASEE.

Yan, Y., Kaul, S., Ferguson, C. W., Yanik, P. M., Tallant, A. C. (2016). Perceptions and Applications of Honors Contracts in Developing an Undergraduate Engineering Research Experience. *123rd ASEE (American Society of Engineering Education) Annual Conference and Exposition* (pp. 1-21). New Orleans, LA: ASEE.

Yanik, P. M., Yan, Y., Kaul, S., Ferguson, C. W. (2016). Sources of Anxiety among Engineering Students: Assessment and Mitigation. 123rd ASEE (American Society of Engineering Education) Annual Conference and Exposition (pp. 1-12). New Orleans, LA: ASEE.

Yan, Y., Yanik, P. M., Kaul, S., Ferguson, C. W., Adams, R. D., Stone, W. L., Jack, H., Ray, J. L. (2016). The Challenges and Lessons Learned in Establishing a Travel Course. *The 5th Annual ASEE (American Society of Engineering Education) International Forum* (pp. 1-26). ASEE.

### **Presentations**

Kaul, S., "Influence of Fractional Damping and Time Delay on Maxwell-Voigt Model for Vibration Isolation," ASME Annual Conference, Phoenix, AZ. (November 12, 2016 - November 16, 2016).

Kaul, S. (Presenter & Author), ASEE Annual Conference, "Importance of Undergraduate Research: Efficacy and Student Perceptions," ASEE, New Orleans, LA. (June 24, 2016 - June 27, 2016).

Kaul, S. (Presenter & Author), ASEE Annual Conference, "Sources of Anxiety among Engineering Students: Assessment and Mitigation," ASEE, New Orleans, LA. (June 24, 2016 - June 27, 2016).

### **External Grants**

Ferguson, C. W. (Principal), Yanik, P. M. (Co-Principal), Kaul, S. (Co-Principal), Yan, Y. (Co-Principal), "SPIRIT: Scholarship Program Initiative via Recruitment, Innovation, and Transformation," Sponsored by National Science Foundation, Federal, \$625,179.00. (June 1, 2014 - May 31, 2018).

Karayaka, H. B., Kaul, S., Thompson, A., Tay, P., Adams, R.D. "REU Site: Wave Energy Conversion and Renewable Energy Education," Sponsored by NSF, Federal. (July 2016 - August 2016).

### **Internal Grants**

Kaul, S., "Chancellors Travel Fund," Sponsored by WCU, Western Carolina University, \$1,200.00. (October 2016 - November 2016).

Kaul, S., "Professional Development Grant," Sponsored by WCU, Western Carolina University, \$783.00. (September 2016 - November 2016).

Kaul, S., "Design and Fabrication of Dynamic Exciters for Vibration Testing," Western Carolina University, \$5,000.00. (July 2015 - June 2016).

## **Dr. Scott S. Pierce**

### **External Grant**

Pierce, R. S. (Principal), Gardner, P. J. (Co-Principal), June, M. S. (Investigator), "Pathways to Innovation," Sponsored by Venturewell, Private, \$4,000.00. (October 2015 - October 2016).

## **Dr. Jeffrey L. Ray**

### **Conference Proceedings**

Yan, Y., Yanik, P. M., Kaul, S., Ferguson, C. W., Adams, R. D., Stone, W. L., Jack, H., Ray, J. L. (2016). The Challenges and Lessons Learned in Establishing a Travel Course. *The 5th Annual ASEE (American Society of Engineering Education) International Forum* (pp. 1-26). ASEE.

### **External Grant**

Ray, J. L., Yang, W., Yan, Y., "WCU ROCKS! (Robotics Outreach Center @ the Kimmel School)," Sponsored by Burroughs Wellcome Fund, Federal. (August 31, 2016).

## **Dr. Omidreza Shoghli**

### **Publication**

Shoghli, O., De La Garza, Jesus M A Multi-Objective Decision-Making Approach for the Sustainable Maintenance of Roadways. *Construction Research Congress 2016* (pp. 1424-1434).

## **Dr. Wes L. Stone**

### **Conference Proceedings**

Yan, Y., Yanik, P. M., Kaul, S., Ferguson, C. W., Adams, R. D., Stone, W. L., Jack, H., Ray, J. L. (2016). The Challenges and Lessons Learned in Establishing a Travel Course. *The 5th Annual ASEE (American Society of Engineering Education) International Forum* (pp. 1-26). ASEE.

## **Dr. Martin L. Tanaka**

### **Journal Articles**

Tanaka, M.L., Fischer, K, J. (2016). Structure and Management of an Engineering Senior Design Course. *Journal of Biomechanical Engineering*, 138(7), 070802.

Tanaka, M.L., Jordi, J.P., DeRoche, D., Sharp, Z. (2016). Novel Body Weight Device for Compression Garment Donning in the Treatment of Lymphedema. *Journal of Lymphedema*, 11(1), 35-40.

### **Conference Proceedings**

Baker, A., Hudson, D. G., Tanaka, M. L. (2016). *Evaluation of gait instability induced by torso loading with various magnitudes and directions*. Annual meeting of the American Society of Biomechanics.

Hudson, D. G., Gilliam, J., Tanaka, M., Baker, A. (2016). *The effects of gender and core stability on temporal-spatial gait parameters during short-term adaptation to 20% increase in backpack load carriage* (vol. 21). Gait and Clinical Movement Analysis Society.

### **Presentations**

Baker, A., Hudson, D., Gilliam, J., Tanaka, M.L. "Variability Based Analysis of Torso Loaded Gait Stability," Inaugural SoCon Undergraduate Research Forum, Spartanburg, SC (October 28-29, 2016).

Baker, A., Tanaka, M.L., Gilliam, J., Hudson, D. "Evaluation of Gait Instability Induced by Torso Loading with Various Magnitudes and Directions," 40th Annual Meeting of the American Society of Biomechanics, Raleigh, NC (August 2-5, 2016).

Hudson, D., Gilliam, J., Tanaka, M., Baker, A., "The effects of gender and core stability on temporal-spatial gait parameters during short-term adaptation to 20% increase in backpack load carriage," Gait and Clinical Movement Analysis Society 2016 Meeting, Memphis, TN (May 17-20, 2016).

Karimi, S., Tanaka, M.L., Reeves, N.P., Kaul, S., "Utilizing Bandwidth to Quantify Human Torso Motor Control Capability," Summer Biomechanics, Bioengineering and Biotransport Conference, National Harbor, MD (June 29-July 3, 2016).

Shabanisamghabady, M., Tanaka, M.L., "Characterization of Glioblastoma Growth Using Five Different Mathematical Models," Summer Biomechanics, Bioengineering and Biotransport Conference, National Harbor, MD (June 29-July 3, 2016).

## **Peter Tay**

### **External Grant**

Karayaka, H. B., Kaul, S., Thompson, A., Tay, P. Adams, R. D. "REU Site: Wave Energy Conversion and Renewable Energy Education," Sponsored by NSF, Federal. (July 2016 - August 2016).

## **Mr. Nathan E. Thomas**

### **Conference Proceedings**

Thomas, N. E., Yan, Y., Jack, H. (2016). MAKER: A Kilobot Swarm. *American Society of Engineering Education Annual Conference and Exposition*. 2016 American Society for Engineering Education Annual Conference.

## **Ms. Amber C. Thompson**

### **External Grants**

Karayaka, H. B. (Principal), June, M. S. (Co-Principal), Thompson, A. C. (Co-Principal), "Project Based Learning Program for Nuclear Workforce Development (PBLP4NWD)," Sponsored by Nuclear Regulatory Commission, Federal, \$199,119.00. (July 1, 2016 - June 1, 2018).

Karayaka, H. B., Kaul, S., Thompson, A., Tay, P., Adams, R.D. "REU Site: Wave Energy Conversion and Renewable Energy Education," Sponsored by NSF, Federal. (July 2016 - August 2016).

## **Dr. Yanjun Yan**

### **Conference Proceedings**

Thomas, N., Yan, Y. (2016). Make Kilobots Truly Accessible to All the People around the World. *2016 IEEE International Workshop on Advanced Robotics and its Social Impacts (ARSO 2016)*.

- Kaul, S., Ferguson, C. W., Yanik, P. M., Yan, Y. (2016). Importance of Undergraduate Research: Efficacy and Student Perceptions. *123rd ASEE (American Society of Engineering Education) Annual Conference and Exposition* (pp. 1-14). New Orleans, LA: ASEE.
- Thomas, N. E., Yan, Y., Jack, H. (2016). MAKER: A Kilobot Swarm. *American Society of Engineering Education Annual Conference and Exposition*. 2016 American Society for Engineering Education Annual Conference.
- Ferguson, C. W., Yanik, P. M., Yan, Y., Kaul, S. (2016). NSF S-STEM SPIRIT Program: Scholarship Program Initiative via Recruitment, Innovation, and Transformation, Year-One Results. *123rd ASEE (American Society of Engineering Education) Annual Conference and Exposition* (pp. 1-12). New Orleans, LA: ASEE.
- Yan, Y., Kaul, S., Ferguson, C. W., Yanik, P. M., Tallant, A. C. (2016). Perceptions and Applications of Honors Contracts in Developing an Undergraduate Engineering Research Experience. *123rd ASEE (American Society of Engineering Education) Annual Conference and Exposition* (pp. 1-21). New Orleans, LA: ASEE.
- Yan, Y., Mallick, M., Zhang, J. Z., Liu, J. (2016). Prognostics by Interacting Multiple Model Estimator. *2016 IEEE International Conference on Prognostics and Health Management (PHM2016)*.
- Yanik, P. M., Yan, Y., Kaul, S., Ferguson, C. W. (2016). Sources of Anxiety among Engineering Students: Assessment and Mitigation. *123rd ASEE (American Society of Engineering Education) Annual Conference and Exposition* (pp. 1-12). New Orleans, LA: ASEE.
- Yan, Y., Yanik, P. M., Kaul, S., Ferguson, C. W., Adams, R. D., Stone, W. L., Jack, H., Ray, J. L. (2016). The Challenges and Lessons Learned in Establishing a Travel Course. *The 5th Annual ASEE (American Society of Engineering Education) International Forum* (pp. 1-26). ASEE.
- Chaires, J., Karayaka, H. B., Yan, Y., Gardner, P. J. (2016). Solar Farm Hourly Dispatching using Super-Capacitor and Battery System. *The 15th IEEE Annual Power Systems Conference*.

## Presentations

- Karayaka, H. B. (Presenter & Author), Sang, Y. (Author Only), Yan, Y. (Author Only), Zhang, J. (Author Only), Muljadi, E. (Author Only), Yu, Y.-H., IEEE Power and Energy Society General Meeting, "Slider-Crank Type Wave Energy Converter," IEEE, Sheraton Boston Hotel, Boston, MA. (July 19, 2016).
- Yan, Y. (Presenter & Author), WCU Undergraduate and Graduate EXPO, "Building and Controlling Micro-Robotic Swarm," WCU Graduate School, Honors College, Provost's Office, Ramsey's Center, Cullowhee, NC. (March 30, 2016).

## External Grants

- Yan, Y., "Developing Swarm Robotics Kits to Recruit and Educate Women and Minorities in STEM," Sponsored by American Society for Engineering Education (ASEE) Electrical and Computer Engineering Technology Department Heads Association (ECETDHA), Federal. (June 1, 2016 - May 31, 2018).
- Ferguson, C. W. (Principal), Yanik, P. M. (Co-Principal), Kaul, S. (Co-Principal), Yan, Y. (Co-Principal), "SPIRIT: Scholarship Program Initiative via Recruitment, Innovation, and Transformation," Sponsored by National Science Foundation, Federal, \$625,179.00. (June 1, 2014 - May 31, 2018).
- Yan, Y., "Developing Swarm-Robots Laboratories using Kilobot," Sponsored by American Society for Engineering Education (ASEE) Engineering and Technology Division (ETD), Federal. (August 31, 2016).
- Ray, J. L., Yang, W., Yan, Y., "WCU ROCKS! (Robotics Outreach Center @ the Kimmel School)," Sponsored by Burroughs Wellcome Fund, Federal. (August 31, 2016).
- Yan, Y., Yanik, P. M., "Engineering Principles and Practices in Global Environment," Sponsored by Council on International Educational Exchange (CIEE), Federal. (May 29, 2016).

## Internal Grants

- Yang, W., Crawford, R., Clapp, A. G., Bricker, P. L., Yan, Y., Mathews, J. W., Pechmann, J. H., Mathews, K. G., Youker, R. T., Huffman, S. W., Gomez, E. A., Butcher, K. L., Penland, A. D., "Enriching Science Education: School-University Partnership to promote K-12 Science Education through mentoring for STEM competitions," Sponsored by College of Education and Allied Professions, WCU, Western Carolina University, \$4,000.00. (October 15, 2016 - June 1, 2017).
- Yan, Y., "WCU Provost's Internal Funding Support Grant," Sponsored by WCU Provost's Office, Western Carolina University, \$10,000.00. (January 1, 2016 - December 31, 2016).
- Karayaka, H. B., Yan, Y., "Control and Grid Integration for a Slider Crank Wave Energy Converter Power Take-Off System via High Performance Computing," Sponsored by WCU Kimmel School, Western Carolina University. (July 1, 2016).
- Yan, Y., "Enhancing Swarm Robotics Functionalities," Sponsored by RAPID Center, Western Carolina University, \$10,000.00. (July 1, 2016).
- Karayaka, H. B., Yan, Y., "Real Time Control and Grid Integration for a Slider Crank Wave Energy Converter Power Take-Off System," Sponsored by RAPID Center, Western Carolina University, \$10,000.00. (July 1, 2016).

Yan, Y., "To Make Swarm Robotics Come to Life!," Sponsored by WCU Kimmel School, Western Carolina University, \$5,000.00. (July 1, 2016).

## **Dr. Bill Yang**

### **Conference Proceedings**

McCray, W., Woldeyohannes, M., Yang, W. (2016). Matlab model of Heintzmann and Cremer's super resolution technique. *SoutheastCon 2016* (pp. 1-4).

Yang, W., Fiddy, M. A. (2016). Surface plasmon polaritons excited by electromagnetic waves. *SoutheastCon 2016* (pp. 1-4).

Yang, W. (2016). Optical Power Sensors Based on Surface Plasmonic Resonance. *EMN Meeting Singapore: Light-Matter Interaction*.

### **External Contract**

Yang, W., "SiGe Photon-Counting Integrated Circuit (PCIC) Detector for Navel Visible Range Finder (VisR)," Sponsored by Wavefront LLC, Private, \$24,000.00. (November 1, 2015 - March 30, 2016).

### **External Grants**

Yang, W., "STTR: SiGe Photon-Counting Integrated Circuit (PCIC) Detector for Naval Visible Laser Range Finder (VisR)," Sponsored by Department of Defense (DOD), Federal. (October 1, 2016 - September 30, 2019).

Yang, W. (Co-Principal), Fiddy, M. A. (Co-Principal), Her, Q. (Co-Principal), "OP Collaborative Research: Novel waveguide devices based on low-loss hyperbolic metamaterials (HMMs)," Sponsored by NSF Directorate for Engineering (ENG), Federal. (May 18, 2015 - May 14, 2018).

Yang, W., "Direct Field Detection Based on SPP Excitation," Sponsored by National Science Foundation (NSF), Federal, \$12,500.00. (October 2016 - October 2017).

Ferguson, C. W. (Principal), Adams, R. D. (Investigator), Gardner, P. J. (Investigator), Yang, W. (Investigator), "SPIRIT (Scholarship Initiative via Recruitment, Innovation, and Transformation)," Sponsored by National Science Foundation (NSF), Federal. (June 1, 2013 - May 31, 2017).

Ray, J. L., Yang, W., Yan, Y., "WCU ROCKS! (Robotics Outreach Center @ the Kimmel School)," Sponsored by Burroughs Wellcome Fund, Federal. (August 31, 2016).

Zhang, J. Z., Adams, R. D., Ferguson, C. W., Krauss, A., Yang, W. (Investigator), "SPIRIT: Scholarship Initiative via Recruitment, Innovation, and Transformation," Sponsored by National Science Foundation (NSF), Federal. (July 1, 2012 - June 30, 2016).

Yang, W., "CAREER: Optical Gain Assisted Evanescent Wave Conversion," Sponsored by National Science Foundation (NSF), Federal. (May 1, 2011 - April 30, 2016).

### **Internal Grants**

Yang, W., Crawford, R., Clapp, A. G., Bricker, P. L., Yan, Y., Mathews, J. W., Pechmann, J. H., Mathews, K. G., Youker, R. T., Huffman, S. W., Gomez, E. A., Butcher, K. L., Penland, A. D., "Enriching Science Education: School-University Partnership to promote K-12 Science Education through mentoring for STEM competitions," Sponsored by College of Education and Allied Professions, WCU, Western Carolina University, \$4,000.00. (October 15, 2016 - June 1, 2017).

Yang, W., "Alternating Current Hall Effect with Induced Surface Current," Sponsored by WCU Provost Internal Funding Support Grants, Western Carolina University, \$10,000.00. (June 1, 2016 - May 30, 2017).

Yang, W., Crawford, R., "Pilot Project to Promote K-12 Science Education and Local Competitive STEM Programs," Sponsored by WCU CEAP SUTEP 2015-2016 Grants, Western Carolina University, \$1,000.00. (October 1, 2015 - June 1, 2016).

## **Dr. Paul M. Yanik**

### **Conference Proceedings**

Yanik, P. M., Threatt, A. L., Manganelli, J., Green, K. E., Brooks, J. O., Merino, J., Walker, I. D. (2016). A Method for Neighborhood Gesture Learning Based on Resistance Distance. *Proc. of the Seventh Intl. Conf. on Applied Human Factors and Ergonomics* (pp. 427-436). Springer.

Kaul, S., Ferguson, C. W., Yanik, P. M., Yan, Y. (2016). Importance of Undergraduate Research: Efficacy and Student Perceptions. *123rd ASEE (American Society of Engineering Education) Annual Conference and Exposition* (pp. 1-14). New Orleans, LA: ASEE.

Ferguson, C. W., Yanik, P. M., Yan, Y., Kaul, S. (2016). NSF S-STEM SPIRIT Program: Scholarship Program Initiative via Recruitment, Innovation, and Transformation, Year-One Results. *123rd ASEE (American Society of Engineering Education) Annual Conference and Exposition* (pp. 1-12). New Orleans, LA: ASEE.

Yan, Y., Kaul, S., Ferguson, C. W., Yanik, P. M., Tallant, A. C. (2016). Perceptions and Applications of Honors Contracts in Developing an Undergraduate Engineering Research Experience. *123rd ASEE (American Society of Engineering Education) Annual Conference and Exposition* (pp. 1-21). New Orleans, LA: ASEE.

Yanik, P. M., Yan, Y., Kaul, S., Ferguson, C. W. (2016). Sources of Anxiety among Engineering Students: Assessment and Mitigation. *123rd ASEE (American Society of Engineering Education) Annual Conference and Exposition* (pp. 1-12). New Orleans, LA: ASEE.

Yan, Y., Yanik, P. M., Kaul, S., Ferguson, C. W., Adams, R. D., Stone, W. L., Jack, H., Ray, J. L. (2016). The Challenges and Lessons Learned in Establishing a Travel Course. *The 5th Annual ASEE (American Society of Engineering Education) International Forum* (pp. 1-26). ASEE.

## External Grants

Ferguson, C. W. (Principal), Yanik, P. M. (Co-Principal), Kaul, S. (Co-Principal), Yan, Y. (Co-Principal), "SPIRIT: Scholarship Program Initiative via Recruitment, Innovation, and Transformation," Sponsored by National Science Foundation, Federal, \$625,179.00. (June 1, 2014 - May 31, 2018).

Yanik, P. M. (Principal), Collins, B. S. (Investigator), Gardner, P. J. (Investigator), Walker, I. D. (Investigator), "Use of Continuum Robotic Agents for Environmental Monitoring," Sponsored by National Science Foundation, Federal. (2016).

Yan, Y., Yanik, P. M., "Engineering Principles and Practices in Global Environment," Sponsored by Council on International Educational Exchange (CIEE), Federal. (May 29, 2016).

## Internal Grants

Yanik, P. M., "Research in Human-Robot Interaction for Assistive Devices," Sponsored by College of Engineering and Technology, Western Carolina University, \$2,847.00. (July 2016 - June 2017).

Yanik, P. M., "Distinguished Research and Scholarly Engagement Award - Faculty Travel Grant," Sponsored by College of Engineering and Technology (Kimmel School), Western Carolina University, \$500.00. (April 2016).

# College of Fine and Performing Arts

## Dr. Andrew D. Adams

### Critical Edition

Adams, A. D. (2016). *Edmund Neupert: Konsertouverture* (pp. 47). Oslo: Norsk Musikkarv.

### Journal Article

Adams, A. D. (2016). "Johannes, Pull Yourself Together": Exploring the Inner World of Errors, Anger, and Self-Talk. *Piano Professional* (England), 40 (Spring 2016).

### Presentation

Adams, A. D., Bradley Martin, International Song, Stage, and Screen Conference, "What Does a Critical Edition Present? Challenges in Editing Musical Theatre Scores," *Studies in Musical Theatre* (England), City College of New York, New York, NY. (June 28, 2016).

## Dr. Travis Bennett

### Music Performances

Burkett, L. E., Ulrich, P. B., Szabo, Z., Bennett, T., Schallock, M., Ginn, D., Gaetano, M., "Concertino for Piano, Brass Quintet, and Percussion," Cullowhee, NC. (April 5, 2016).

Ulrich, P. B., Bennett, T., Schallock, M., Szabo, Z., "Smoky Mountain Brass Quintet Recital for the "Interlude Concerts" program at First Presbyterian Church," Highlands, NC. (August 3, 2016).

Ulrich, P. B., Bennett, T., Schallock, M., Szabo, Z., "Smoky Mountain Brass Quintet Recital for the Highlands Chamber Festival," Highlands, NC. (June 29, 2016).

Ulrich, P. B., Bennett, T., Schallock, M., Szabo, Z., "Smoky Mountain Brass Quintet Performance at the International Tuba Euphonium Conference," Knoxville, TN. (May 31, 2016).

Ulrich, P. B., Bennett, T., Schallock, M., Szabo, Z., "Smoky Mountain Brass Quintet Recital at WCU," Cullowhee, NC. (April 5, 2016).

## **Dr. Lyn E. Burkett**

### **Music Performances**

- Underwood, M., Ulrich, B., Ensemble, W. W., "WCU Wind Ensemble Performance at NCMEA," Winston-Salem, NC, USA. (October 11, 2016 - November 7, 2016).
- Burkett, L. E., "Recital of music for cello and piano," High Point, NC. (October 29, 2016).
- Burkett, L. E., "Bagatelle on a Theme by Beethoven," Cullowhee, NC. (September 6, 2016).
- Burkett, L. E., Underwood, M., "Wind ensemble concert," Cullowhee, NC, U.S. (February 12, 2016 - April 24, 2016).
- Burkett, L. E., Gaetano, M., "Walter Ross, Five Dream Sequences," Cullowhee, NC, U.S. (April 7, 2016).
- Burkett, L. E., Ulrich, P. B., Szabo, Z., Bennett, T., Schallock, M., Ginn, D., Gaetano, M., "Concertino for Piano, Brass Quintet, and Percussion," Cullowhee, NC, U.S. (April 5, 2016).
- Burkett, L. E., "Faculty Showcase Recital," Cullowhee, NC, U.S. (January 26, 2016).

### **Presentation**

- Burkett, L. E., Gender and Authority Seminars, "'Teena and the Musical Canon: Music in Seventeen Magazine, 1944-1953,'" The Oxford Research Centre in the Humanities (TORCH), University of Oxford, Oxford, UK. (June 1, 2016).

## **Christopher Collins**

### **External Grant**

- Collins, C. "ETC Equipment Grant," Sponsored by Electronic Theatre Controls (ETC), (2016).

## **Donald W. Connelly**

### **Book, Scholarly**

- Connelly, D.W. (2016). *Digital Radio Production* (3<sup>rd</sup> Ed.). Long Grove, IL: Waveland Press.

## **Dr. Mario A. Gaetano**

### **Music Performances**

- Burkett, L. E., Ulrich, P. B., Szabo, Z., Bennett, T., Schallock, M., Ginn, D., Gaetano, M., "Concertino for Piano, Brass Quintet, and Percussion," Cullowhee, NC, U.S. (April 5, 2016).

## **Denise Drury-Homewood**

### **Museum Exhibit**

- Worley, P. M., Drury, D. M., Rios, A., Rincón, S., "The Language of Weaving: Contemporary Maya Textiles," Cullowhee, NC. (September 12, 2016 - November 7, 2016).

### **Internal Grant**

- Worley, P. M., Drury, D. M. (Co-Principal), "Maya Arts as Maya Literature: Maya Textiles and Storytelling Traditions in Mexico and Western NC," Sponsored by Office of the Provost, Western Carolina University, \$10,920.00. (November 2015 - January 2017).

### **External Grants**

- Homewood, D. D. "Contemporary Clay, exhibition and public programming," Sponsored by the North Carolina Arts Council, \$8,600 (2016).
- Homewood, D. D., McPherson, G., Minton, L. "Return from Exile," Sponsored by the National Endowment for the Arts (NEA) (2016).
- Homewood, D. D., McPherson, G., Jacobs, J., Minton, L. "Permanent Exhibit on Cherokee Language at Bardo Arts Center," Sponsored by Blue Ridge National Heritage Area (2016).
- Homewood, D. D., Minton, L. "Permanent Exhibit on Cherokee Language and Eastern Band of Cherokee Indians Culture at Western Carolina University's Bardo Arts Center," Sponsored by the Cherokee Preservation Foundation (2016).

## **Jill Jacobs**

### **External Grant**

Homewood, D. D., McPherson, G., Jacobs, J., Minton, L. "Permanent Exhibit on Cherokee Language at Bardo Arts Center," Sponsored by Blue Ridge National Heritage Area (2016).

## **Morgan M. Kennedy**

### **Art Exhibits**

Kennedy, J. M., "George Mason Alumni Show," Fairfax, Virginia. (October 14, 2016 - Present).

Kennedy, J. M., "The North Carolina Sculpture Consortium Exhibition," Greenville, NC- ECU. (September 2, 2016 - September 29, 2016).

## **Mr. Ronald E. Laboray, Jr**

### **Art Exhibits**

Laboray, R. E., "Blue and Orange," Los Angeles CA. (December 10, 2016 - December 22, 2016).

Roy, M., "Seoul City," Gallery 474 on Haywood Road in Asheville, NC, Buncombe County. (November 17, 2016 - December 17, 2016).

Laboray, R. E., "At Play in the Fields of Our Stuff," Johnson City, Tennessee. (August 17, 2016 - September 16, 2016).

Haley, H., Hartlaub, N. L., Gullow, U., "Southern Draw," Asheville, NC, Buncombe. (June 8, 2016 - July 7, 2016).

## **Mr. Matt H. Liddle**

### **Art Exhibit**

Liddle, M. H., "Faculty Biennial," Cullowhee, NC. (August 22, 2016 - September 23, 2016).

## **Mr. Andrew S. Mannion**

### **Theatre Design**

Mannion, A. S., "Scenofest Design Competition," Taipei, Taiwan. (July 1, 2016 - July 10, 2017).

Mannion, A. S., "Curvy Widow," Asheville, NC 28779. (August 1, 2016 - November 12, 2016).

Mannion, A. S., "Shooting Star," Naples, NY, USA. (April 1, 2016 - July 1, 2016).

Mannion, A. S., "The Wedding Singer: The Musical," Annapolis, MD, USA. (April 1, 2016 - May 28, 2016).

Caruso, T., "Brave New World: The Musical," Asheville, NC. (March 9, 2016 - May 14, 2016).

### **Internal Grants**

Mannion, A. S., "Atlanta Trip for Stage and Screen," Sponsored by Intentional Learning Fund - Office of the Provost, Western Carolina University, \$6,000.00. (August 15, 2016 - October 16, 2016).

Mannion, A. S., "USITT Conference," Sponsored by Intentional Learning Fund - Office of the Provost, Western Carolina University, \$8,000.00. (August 2015 - March 2016).

## **Mr. Jayme S. McGhan**

### **Theatre Performances**

McGhan, J., "In the Soundless Awe," Cullowhee, NC, USA. (October 1, 2016 - November 20, 2016).

McGhan, J. S., "Featured Artist at Last Frontier Theatre Conference," Valdes, AK, USA. (June 12, 2016 - June 18, 2016).

McGhan, J. S., "Hope the Hippo (Battle Dances Captain Lame-O and Finds Her Place Beyond the Stars)," Chicago, IL, USA. (March 26, 2016).

McGhan, J. S., "Autonomy," Milwaukee, WI. (March 3, 2016 - March 15, 2016).

## **Greg McPherson**

### **External Grants**

Homewood, D. D., McPherson, G., Minton, L. "Return from Exile," Sponsored by the National Endowment for the Arts (NEA) (2016).

Homewood, D. D., McPherson, G., Jacobs, J., Minton, L. "Permanent Exhibit on Cherokee Language at Bardo Arts Center," Sponsored by Blue Ridge National Heritage Area (2016).

## **Laura Minton**

### **External Grants**

Homewood, D. D., McPherson, G., Minton, L. "Return from Exile," Sponsored by the National Endowment for the Arts (NEA) (2016).

Homewood, D. D., McPherson, G., Jacobs, J., Minton, L. "Permanent Exhibit on Cherokee Language at Bardo Arts Center," Sponsored by Blue Ridge National Heritage Area (2016).

Homewood, D. D., Minton, L. "Permanent Exhibit on Cherokee Language and Eastern Band of Cherokee Indians Culture at Western Carolina University's Bardo Arts Center," Sponsored by the Cherokee Preservation Foundation (2016).

## **Dr. Christina L. Reitz**

### **Presentation**

Reitz, C. L., Society for American Music, "Cold Mountain: An Appalachian Odyssey," Boston, MA. (March 9, 2016 - March 13, 2016).

## **Mr. Michael Schallock**

### **Music Performances**

Schallock, M., "Principal tuba, in concert performance with Brevard Philharmonic (<http://brevardphilharmonic.org>)," Porter Center, Brevard, NC. (May 6, 2016).

Schallock, M., "Principal tuba, in concert performance with Brevard Philharmonic (<http://brevardphilharmonic.org>)," Porter Center, Brevard, NC. (April 17, 2016).

Burkett, L. E., Ulrich, P. B., Szabo, Z., Bennett, T., Schallock, M., Ginn, D., Gaetano, M., "Concertino for Piano, Brass Quintet, and Percussion," Cullowhee, NC, U.S. (April 5, 2016).

Schallock, M., "Easter Brass Quintet, First Presbyterian Church of Highlands," Highlands, NC. (March 27, 2016).

Schallock, M., "Performed CCS solo recital with colleague." (February 9, 2016).

Schallock, M., "WCU Faculty Showcase performer." (January 26, 2016).

Ulrich, P. B., Bennett, T., Schallock, M., Szabo, Z., "Smoky Mountain Brass Quintet Recital for the "Interlude Concerts" program at First Presbyterian Church," Highlands, NC. (August 3, 2016).

Ulrich, P. B., Bennett, T., Schallock, M., Szabo, Z., "Smoky Mountain Brass Quintet Recital for the Highlands Chamber Festival," Highlands, NC. (June 29, 2016).

Ulrich, P. B., Bennett, T., Schallock, M., Szabo, Z., "Smoky Mountain Brass Quintet Performance at the International Tuba Euphonium Conference," Knoxville, TN. (May 31, 2016).

Ulrich, P. B., Bennett, T., Schallock, M., Szabo, Z., "Smoky Mountain Brass Quintet Recital at WCU," Cullowhee, NC. (April 5, 2016).

## **David M. Starnes**

### **Music Performance**

Jeffress, I., Starnes, D., "Wind Ensemble All-District Concert," Cullowhee, NC. (February 12, 2016).

## **Mr. Zsolt Szabo**

### **Music Performances**

Szabo, Z., "American Trombone Quartet - Virginia Tour," University of Virginia, Virginia Commonwealth University and James Madison University. (February 2016 - Present).

Szabo, Z., "Asheville Symphony Orchestra - Guest Principal Trombone," Asheville, NC. (November 2015 - Present).

Szabo, Z., "Midwest Trombone & Euphonium Conference," Charleston, IL. (November 2015 - Present).

Szabo, Z., "WCU Low Brass Festival," Cullowhee, NC. (September 2015 - Present).

Szabo, Z., "Brass Ensembles Recital." (August 2015 - Present).

Szabo, Z., "Brevard Philharmonic," Brevard, NC. (August 2015 - Present).

Szabo, Z., "Gypsy (WCU Production)." (April 2016 - May 2016).

Burkett, L. E., Ulrich, P. B., Szabo, Z., Bennett, T., Schallock, M., Ginn, D., Gaetano, M., "Concertino for Piano, Brass Quintet, and Percussion," Cullowhee, NC, U.S. (April 5, 2016).

Szabo, Z., "North Carolina Trombone Festival," Winston-Salem, NC. (April 2, 2016).

Szabo, Z., "Guest Artist Recital - Thomas Jostlein." (March 28, 2016).

Ulrich, P. B., Bennett, T., Schallock, M., Szabo, Z., "Smoky Mountain Brass Quintet Recital for the "Interlude Concerts" program at First Presbyterian Church," Highlands, NC. (August 3, 2016).

Ulrich, P. B., Bennett, T., Schallock, M., Szabo, Z., "Smoky Mountain Brass Quintet Recital for the Highlands Chamber Festival," Highlands, NC. (June 29, 2016).

Ulrich, P. B., Bennett, T., Schallock, M., Szabo, Z., "Smoky Mountain Brass Quintet Performance at the International Tuba Euphonium Conference," Knoxville, TN. (May 31, 2016).

Ulrich, P. B., Bennett, T., Schallock, M., Szabo, Z., "Smoky Mountain Brass Quintet Recital at WCU," Cullowhee, NC. (April 5, 2016).

#### **Internal Grant**

Szabo, Z., "MTEC Presentation/Performances," Sponsored by School of Music, Western Carolina University, \$300.00. (November 2015 - Present).

### **Dr. Erin E. Tapley**

#### **Art Exhibits**

Tapley, E., "Solo Exhibition "Quiddity", Gainesville GA. (August 27, 2016 - November 29, 2016).

Tapley, E., "Heal," Litchfield CT. (July 2016 - October 2016).

### **Dr. Shannon Thompson**

#### **Music Performances**

Thompson, S., "Hendersonville Orchestra Concert: From Vienna to Cologne," Flat Rock, NC, USA. (April 30, 2016).

Thompson, S., "Colors of Sound: Fine Art Museum Exhibition "Color + Theory" Event," Cullowhee, NC, USA. (April 27, 2016).

Thompson, S., "Damon Sink Faculty Concert," Cullowhee, NC, USA. (April 19, 2016).

Thompson, S., "Asheville Symphony Orchestra Masterworks VI: Verdi's Requiem," Asheville, NC, USA. (April 16, 2016).

Thompson, S., "Hendersonville Orchestra Concert: A Classic Collaboration," Flat Rock, NC, USA. (March 19, 2016).

Thompson, S., "Asheville Symphony Young People's Concerts," Asheville, NC, USA. (March 9, 2016).

Thompson, S., Sink, D., Wohlrab, S., Wadopian, E., Watson, C., Bittle, T., Bickford, M., "Faculty Concert: The Clarinet Reimagined," Cullowhee, NC, USA. (March 1, 2016).

Thompson, S., "Asheville Symphony Orchestra Masterworks IV: Beethoven's Violin Concerto with Stefan Jackiw," Asheville, NC, USA. (February 13, 2016).

Thompson, S., "Hendersonville Symphony Orchestra Children's Concerts," Flat Rock, NC, USA. (February 10, 2016).

Thompson, S., "Faculty Showcase Concert," Cullowhee, NC, USA. (January 26, 2016).

#### **Internal Grant**

Thompson, S. (Principal), "Ron Odrich Video Interview," Sponsored by WCU Provost, Western Carolina University, \$0.00. (January 1, 2016 - February 1, 2016).

## **Dr. Allison L. Thorp**

### **Music Performances**

Thorp, A. L., "Sounds of the Season," Bardo Arts Center - WCU Campus. (December 4, 2016).

Thorp, A. L., "Songs of the American Wild," Coulter Recital Hall - WCU Campus. (October 25, 2016).

## **Dr. P. B. Ulrich**

### **Music Performances**

Ulrich, P. B., "Performance with the Asheville Symphony Orchestra New Year's Eve Beethoven 9th Symphony," Asheville, NC. (December 31, 2016).

Ulrich, P. B., "Brass Ensemble Christmas Concert at First Baptist Church, Asheville," Asheville, NC. (December 18, 2016).

Ulrich, P. B., "Performance with the "Celtic Woman" at Harrah's Casino Event Center," Cherokee, N. (December 9, 2016).

Ulrich, P. B., "Smoky Mountain Brass Quintet Recital," Cullowhee, NC. (December 1, 2016).

Ulrich, P. B., "Asheville Symphony Orchestra Performance," Asheville, NC. (November 19, 2016).

Underwood, M., Ulrich, B., Ensemble, W. W., "WCU Wind Ensemble Performance at NCMEA," Winston-Salem, NC, USA. (October 11, 2016 - November 7, 2016).

Ulrich, P. B., "Trumpet and Organ Recital at Trinity Episcopal Church, AVL," Asheville, NC. (October 13, 2016).

Ulrich, P. B., "Solo Performance for Via College of Osteopathic Medicine," Auburn, Alabama. (September 29, 2016).

Ulrich, P. B., "Taught members of the Auburn University Trumpet Studio," Auburn, Alabama. (September 29, 2016).

Ulrich, P. B., "Mozartistic Hip Hop Recording Session with ASO," Asheville, NC. (September 15, 2016).

Ulrich, P. B., "Performance at Open Air Arts Square, St. Petersburg, Russia," St. Petersburg, Russia. (September 11, 2016).

Ulrich, P. B., "Performance in Capella Hall, St. Petersburg, Russia," St. Petersburg, Russia. (September 10, 2016).

Ulrich, P. B., "Fortress Brass Performance at 41 Fontanka, St. Petersburg, Russia," St. Petersburg, Russia. (September 8, 2016).

Ulrich, P. B., "Performance in Italian Palace in St. Petersburg, Russia," St. Petersburg, Russia. (September 7, 2016).

Ulrich, P. B., "Trumpet Clinic at St. Petersburg Conservatory "Rimsky-Korsakov"," St. Petersburg, Russia. (September 7, 2016).

Ulrich, P. B., "Preliminary Judge for the Ellsworth Smith International Trumpet Competition," Tuscaloosa, AL. (August 31, 2016 - September 3, 2016).

Ulrich, P. B., "Church Service Performance Trinity Episcopal Church, AVL," Asheville, NC. (August 28, 2016).

Ulrich, P. B., "Performance with the Highlands Chamber Music Festival Orchestra," Highlands, NC. (August 5, 2016 - August 7, 2016).

Burkett, L. E., Ulrich, P. B., Szabo, Z., Bennett, T., Schallock, M., Ginn, D., Gaetano, M., "Concertino for Piano, Brass Quintet, and Percussion," Cullowhee, NC, U.S. (April 5, 2016).

Ulrich, P. B., "Performed "Messiah" sing-a-long with Asheville Symphony Chorus," Asheville, NC. (December 8, 2016).

Ulrich, P. B., "Solo Performance with WCU Wind Ensemble at NCMEA," Winston-Salem, NC. (November 7, 2016).

Ulrich, P. B., "Performances with the Montreal Symphony Orchestra," Montreal, Canada. (October 17, 2016 - October 23, 2016).

Ulrich, P. B., "National Anthem Performance at NHL Game," Montreal, Canada. (October 18, 2016).

Ulrich, P. B., "Solo Performance with WCU Wind Ensemble." (October 11, 2016).

Ulrich, P. B., "Asheville Symphony Orchestra Performance," Asheville, NC. (September 17, 2016).

Ulrich, P. B., Bennett, T., Schallock, M., Szabo, Z., "Smoky Mountain Brass Quintet Recital for the "Interlude Concerts" program at First Presbyterian Church," Highlands, NC. (August 3, 2016).

Ulrich, P. B., Bennett, T., Schallock, M., Szabo, Z., "Smoky Mountain Brass Quintet Recital for the Highlands Chamber Festival," Highlands, NC. (June 29, 2016).

Ulrich, P. B., Bennett, T., Schallock, M., Szabo, Z., "Smoky Mountain Brass Quintet Performance at the International Tuba Euphonium Conference," Knoxville, TN. (May 31, 2016).

Ulrich, P. B., "Asheville Symphony Orchestra Performance." (May 14, 2016).

Ulrich, P. B., "Trumpet Solo Premiere, "Sonata" by Damon Sink; faculty recital," Cullowhee, NC. (April 19, 2016).

Ulrich, P. B., "Performed musical, "Gypsy" at Western Carolina University." (April 14, 2016 - April 17, 2016).

Ulrich, P. B., "Asheville Symphony Orchestra Performance." (April 16, 2016).

Ulrich, P. B., Bennett, T., Schallock, M., Szabo, Z., "Smoky Mountain Brass Quintet Recital at WCU," Cullowhee, NC. (April 5, 2016).

Ulrich, P. B., "Conducted Brass Ensemble/ Thomas Jostleinin Recital WCU," Cullowhee, NC. (March 28, 2016).

Ulrich, P. B., "Asheville Symphony Orchestra Performance." (March 12, 2016).

Ulrich, P. B., "Asheville Symphony Orchestra Performance." (February 13, 2016).

Ulrich, P. B., "Faculty Showcase Solo Performance," Cullowhee, NC. (January 26, 2016).

Ulrich, P. B., "Conducted the WCU Trumpet Ensemble at the Trumpet Festival of the Southeast," Birmingham, AL. (January 15, 2016 - January 17, 2016).

Ulrich, P. B., "Duet performance at the Trumpet Festival of the Southeast," Birmingham, AL. (January 15, 2016 - January 17, 2016).

Ulrich, P. B., "20016 International Trumpet Seminar of Costa Rica," San Juan, Costa Rica. (January 7, 2016 - January 13, 2016).

## **Dr. Margaret A. Underwood**

### **Music Performances**

Underwood, M. A., "NCMEA Performance," Winston-Salem, NC. (November 7, 2016).

Underwood, M. A., "Mountain Winds Community Band, Guest Conductor," Cullowhee, NC. (May 2, 2016).

Underwood, M. A., "Mountain Winds Community Band," Cullowhee, NC. (January 11, 2016 - May 2, 2016).

Underwood, M. A., "Concert Band Concert." (April 26, 2016).

Underwood, M. A., "Symphonic Band Concert." (April 26, 2016).

Underwood, M. A., "Wind Ensemble Concert." (April 25, 2016).

Burkett, L. E., Underwood, M., "wind ensemble concert," Cullowhee, NC, U.S. (February 12, 2016 - April 24, 2016).

Underwood, M. A., "Mountain Winds Community Band, Guest Conductor." (March 7, 2016).

Underwood, M. A., "Concert Band Performance." (February 23, 2016).

Jeffress, I., Starnes, D., "Wind Ensemble All-District Concert," Cullowhee, NC. (February 12, 2016).

### **Presentation**

Underwood, M. A., International Saxophone Symposium, "The Longy Club," U.S. Navy Band, Shenandoah University, Winchester, VA. (January 15, 2016).

## **Ms. Ashlee M. Wasmund**

### **Internal Grant**

Wasmund, A. M., "Intentional Learning Plan Grant," Sponsored by Office of the Provost, Western Carolina University. (September 22, 2016 - Present).

## **College of Health and Human Sciences**

## **Georganna C. Adams**

### **Presentation**

Adams, E. C., Gravidas at Risk, "Gravid Eating Disorders: Anorexia, Bulimia and Binging," Northwest AHEC, Crown Plaza, Hickory, NC. (November 16, 2016 - Present).

## **Mrs. Liz B. Anderson**

### **Presentation**

Anderson, E. B., National Sexual Assault Conference, ““Moving Beyond “The Hunting Ground” to a Multidisciplinary Team Approach to Sexual Assault Prevention on University Campuses,” Pennsylvania Coalition Against Sexual Assault, Marriott Wardman Park, Washington, DC. (September 1, 2016).

### **Internal Grant**

Anderson, E. B., Simic, J. C., “Factors Related to Academic and Financial Outcomes After Campus Sexual Assault,” Sponsored by Western Carolina University Office of Provost, Western Carolina University. (October 2016 - Present).

## **Mrs. Leigh A. Angel**

### **Internal Grant**

Angel, L. A. (Co-Principal), Knowlton, M. C. (Co-Principal), Livsey, K. (Co-Principal), “Assessment of RIBN Student Learning QEP Assessment Mini Grant,” Sponsored by WCU QEP, Western Carolina University, \$1,050.00. (June 26, 2015 - Present).

### **Sponsored Research**

Angel, L. A. (Co-Principal), Livsey, K. (Co-Principal), “TEAS Performance among Year 2 Semester 1 RIBN and Traditional BSN program Baccalaureate Nursing Students,” Sponsored by School of Nursing Director Research Support, Western Carolina University, \$1,350.00. (June 1, 2015 - Present).

## **Dr. Brian D. Byrd**

### **Book, Scholarly**

Harrison, B., Byrd, B. D., Sither, C., Whitt, P. (2016). *Mosquitoes of the Mid-Atlantic Region: An Identification Guide* (1 ed., pp. 201). Cullowhee, NC: WCU (Self Published).

### **Presentation**

Styers, D. M., DeWald, L. E., Wasserberg, G., Byrd, B. D., American Mosquito Control Association 82nd Annual Meeting, “Integration of mosquito ecology laboratory exercises into biological, geoscience, and environmental science courses: using ovitraps to create authentic learning experiences,” American Mosquito Control Association (AMCA), Savannah International Trade & Convention Center, Savannah, GA. (February 9, 2016).

### **External Contracts**

Byrd, B. D. (Principal), Richards, S. L. (Co-Principal), Reiskind, M. H. (Co-Principal), Styers, D. M., “Mosquito Survey and Zika Entomologic Risk Assessment,” Sponsored by Centers for Disease Control and Prevention via NC Department of Health and Human Services, Federal. (October 2016 - Present).

Byrd, B. D. (Principal), Richards, S. (Investigator), Reiskind, M. (Investigator), “Survey for Container-inhabiting Aedes of Public Health Importance North Carolina Zika Preparedness Activities (2016),” Sponsored by NC DHHS, State. \$45,049 (March 15, 2016 - Present).

Byrd, B. D., “Sustain Stability Product Trial,” Sponsored by All Pro, Private, \$1,303.50. (January 15, 2016 - January 15, 2017).

### **External Grants**

Byrd, B. D. “Public Health Entomology Consultation and Guidance: Vector-borne Infectious Diseases (NC 2016-2017)” Sponsored by NCDHHS Division of Public Health, \$30,000 (2016).

Byrd, B.D., Bintz, B. J. “Southeast Regional Vector-borne Disease Center of Excellence,” Sponsored by University of North Carolina at Chapel Hill (UNC-CH), (2016).

Byrd, B. D. (Co-Principal), Richards, S. (Principal), Reiskind, M. (Co-Principal), Balanay, J. A. (Co-Principal), “Regional survey of mosquito control knowledge and usage in North Carolina,” Sponsored by NCDA&CS Pesticide Environmental Trust Fund, State, \$21,067.00. (April 15, 2016 - April 15, 2017).

Byrd, B. D. (Principal), McCoy, J. (Co-Principal), “Antiviral and Larvicidal Activities of NC Botanical and Endophytic Extracts,” Sponsored by North Carolina Biotechnology Center, Private, \$0.00. (August 2015 - August 2016).

Zontek, T. L. (Principal), Byrd, B. D. (Co-Principal), Taylor, M., “EPA Greater Research Opportunity (WCU Undergraduate ENVH Research Fellowship),” Sponsored by Environmental Protection Agency, Federal, \$50,000.00. (August 2014 - May 2016).

Huffman, C. L. (Principal), Perry, L. G. (Co-Principal), Cruz, L. E. (Co-Principal), Wallen, J. R. (Co-Principal), Imre, I. (Co-Principal), Styers, D. M. (Co-Principal), Gainey, M. D. (Investigator), Byrd, B. D. (Investigator), "Inclusive Excellence Grants 2017 Pre-Proposal," Sponsored by Howard Hughes Medical Institute, Private. (September 1, 2015 - May 3, 2016).

#### **Internal Grants**

Gainey, M. D. (Co-Principal), Mathews, K. G. (Co-Principal), Bintz, B. J. (Principal), Wallen, J. R. (Investigator), Byrd, B. D. (Investigator), Catley, K. M. (Investigator), "Establishment of CATS-NGS (Consortium for the Advancement of Teaching and Scholarship through Next-Generation Sequencing) to enhance the molecular science infrastructure at WCU," Sponsored by The Office of the Provost and the Office of Research Administration, Western Carolina University, \$14,736.00. (January 1, 2017 - December 31, 2017).

Byrd, B. D., "Student Engagement in the WCU Mosquito and Vector-borne Infectious Disease Laboratory," Sponsored by Western Carolina University, Western Carolina University, \$1,200.00. (October 1, 2015 - April 15, 2016).

### **Dr. John A. Carzoli**

#### **Presentations**

Possidente, A. (Presenter & Author), Ben, S. (Presenter & Author), John, C. (Presenter & Author), Karen, L. (Author Only), 2nd Annual Rural Health Symposium, "Health Education to Enhance Musculoskeletal Health in Migrant Agricultural Workers," Western Carolina University School of Nursing, Asheville, NC. (April 22, 2016).

Carzoli, J. A. (Presenter & Author), Lunnen, K. (Author Only), Western Forum for Migrant and Community Health Conference. Portland, OR. February, 2016., "Musculoskeletal Symptoms in Migrant Farmworkers Involved in Strawberry Production Work in Western North Carolina Based on a Survey and Movement Screening Examination," Northwest Regional Primary Care Association, Portland, OR. (February 25, 2016).

#### **External Grant**

Carzoli, J. A. (Principal), Lunnen, K. (Investigator), "Assessment of Musculoskeletal Health and a Pilot Training Program to Reduce Musculoskeletal Injury Risks and Enhance Musculoskeletal Health in Migrant and Seasonal Farmworkers in Western North Carolina," Sponsored by Central Appalachian Regional Education Research Center, Subaward: 3200000109-16-037 as part of Centers for Disease Control and Prevention and the National Institute for Occupational Safety and Health, Federal, \$11,901.00. (July 1, 2015 - June 30, 2016).

### **Ms. Cheryl C. Clark**

#### **External Grant**

Hill, N. J. (Co-Principal), Clark, C. C., "NC Clinical Site Development Grant," Sponsored by NC AHEC Program, State, \$10,000.00.

#### **Internal Grant**

Sexton, E. H. (Co-Principal), Clark, C. (Co-Principal), "QEP Mini Grant," Sponsored by Western Carolina University, Western Carolina University, \$1,250.00. (October 5, 2015 - March 1, 2016).

### **Dr. Shawn B. Collins**

#### **Journal Article**

Plummer-Roberts, A., Trost, C., Collins, S. B., Hewer, I. (2016). Residual Neuromuscular Blockade: An Update for Nurse Anesthetists. *AANA Journal*, 84(1), 57-65.

#### **External Sponsored Research**

Collins, S. B. (Co-Principal), Brown, C. (Principal), "Non-cognitive factors of Nurse Anesthesia Students," Sponsored by AANA Foundation, Private, \$11,856.00. (July 1, 2015 - June 30, 2017).

### **Dr. Linda Comer**

#### **External Grant**

Comer, L. "Family Nurse Practitioner Transition to Rural Interprofessional Practice," Sponsored by Mission Hospital (2016).

### **Ms. Cheryl M. Conway**

#### **Presentation**

Conway, C. M., Rural Health Symposium, "Community Programs to Impact Domestic Violence and Sexual Assault," Western Carolina University, Hilton, Asheville, NC. (April 22, 2016).

## **Ms. Paige C. Dagenhard**

### **Presentation**

Glassman, T. (Presenter & Author), Castor, T. (Presenter & Author), Karmakar, M. (Author Only), Blavos, A. (Author Only), Dagenhard, P. (Author Only), Domigan, J. (Author Only), Hutzelman, E. (Author Only), Diehr, A. (Author Only), Kucharewski, R. (Author Only), American Public Health Association, "Assessing a Community Intervention to Prevent Drowning Among Inner City Youth: The Josh Project," Denver, CO. (2016).

## **Amy M. Glover**

### **Presentation**

Glover, A. M., & Shapiro, D. A. (2016). Faith and fluency: Inviting a closer look. 19th International Stuttering Awareness Day Online Conference: Stuttering Pride: Respect, Dignity, Recognition. [A. Blom, K. Boss, D. Hudock, B. Imhoff, & H. Hurwitz, Conference Chairs, International Stuttering Association; for retrieval, <http://isad.isastutter.org/isad-2016/papers-presented-by-2016/research-therapy-and-support/faith-and-fluency-inviting-a-closer-look-amanda-glover-david-shapiro/>

## **Dr. Turner T. Goins**

### **Journal Articles**

Conte, K., Schure, M., Goins, R. Turner (2016). Older American Indians' Perspectives on Health, Arthritis, and Physical Activity: Implications for Adapting Evidence-Based Interventions, Oregon, 2013. *Preventing Chronic Disease*, 13(E81).

Gonzales, K. L., Noonan, C., Goins, R. T., Henderson, W., Beals, J., Manson, S., Acton, K., Roubideaux, Y. (2016). Assessing the Everyday Discrimination Scale among American Indians and Alaska Natives. *Psychological Assessment*, 28(1), 51-58.

### **External Grants**

Goins, T. "Mental Health and Diabetes among Older American Indians," Sponsored by National Institutes of Health and the Indian Health Service, Federal, \$421,846.00. (September 15, 2013 - September 14, 2017).

Goins, T. "Elder Cultural Arts Program," Sponsored by the Revitalization of Traditional Cherokee Artisans Resources (RTCAR), \$16,000 (2016).

## **Dr. Sur Ah Hahn**

### **External Grant**

Murphy-Nugen, A., Robinson, J., Hahn, S. A. "Policy Practice Opportunities and Community Engagement," Sponsored by the Council on Social Work Education, (2016).

## **Dr. Kimberlee K. Hall**

### **Presentation**

Hall, K. K. (Presenter & Author), Watershed Association of the Tuckasegee River (WATR), "Development and evaluation of methods to evaluate the fate and transport of fecal pollution in the Tuckasegee watershed," WATR, Jackson County Public Library, Sylva, NC. (May 31, 2016).

### **External Contract**

Hall, K. K. (Principal), "REHS/RS Credential Review Course Development," Sponsored by National Environmental Health Association, Private, \$3,300.00. (March 3, 2016 - June 1, 2016).

### **External Grant**

Joplin, K. H. (Principal), Scheuerman, P. R. (Co-Principal), Bidwell, J. (Co-Principal), Hall, K. K. (Co-Principal), "The Characterization and Comparison of Abiotic and Human Impact Factors on the Microbiome Diversity in Several Microniches of Model Streams," Sponsored by NSF, Federal. (2016 - September 2016).

### **Internal Grant**

Hall, K. K. (Principal), "Development and evaluation of methods to assess the relationship between fecal indicators and human gastrointestinal pathogens in surface waters: Modeling public health risk in the Tuckasegee watershed," Sponsored by Western Carolina University, Western Carolina University, \$9,720.00. (January 2016 - May 2017).

## **Dr. Georgia Hambrecht**

### **Journal Article**

Ogletree, B. T., Bartholomew, P., Kirksey, M. L., Guenigsman, A., Hambrecht, G., Price, J., Wofford, M. (2016). Communication training supporting an AAC user with severe intellectual disability: Application of the communication partner instruction model. *Journal of Developmental and Physical Disabilities*, 28, 135-152. doi: 10.1007/s10882-015-9444-2

## **Ms. Colleen A. Hayes**

### **Presentation**

Rose, A. J. (Author Only), Hayes, C. A. (Presenter & Author), Horak, A. (Author Only), Leek, K. (Author Only), 2nd Annual Southeastern IPE Conference, "Western Carolina Interdisciplinary Collaboration: Communication Sciences and Disorders and Nursing," East Tennessee University, Asheville, NC. (June 17, 2016).

## **Ms. Susan W. Hester**

### **Journal Article**

Hester, S. W. (2016). Workplace Violence Against Nurses: Making it Safe to Care. *Creative Nursing*, 22(3), 5.

## **Mr. Ian Hewer**

### **Journal Article**

Plummer-Roberts, A., Trost, C., Collins, S. B., Hewer, I. (2016). Residual Neuromuscular Blockade: An Update for Nurse Anesthetists. *AANA Journal*, 84(1), 57-65.

### **External Grants**

Hewer, I. (Principal), "Nurse Anesthesia Traineeship," Sponsored by HRSA, Federal. (November 2015 - Present).

Hewer, I. (Principal), "Nurse Anesthesia traineeship," Sponsored by HRSA, Federal, \$14,724.00. (June 2015 - June 2016).

## **Dr. Jennifer L. Hinton**

### **Presentations**

Vieregge, M. A. (Presenter & Author), Hinton, J. L. (Presenter & Author), NCRTA 2016 Annual Conference, "Healing hooves: The primary and secondary effects of recreational therapists using equine assisted therapy in diverse client groups," North Carolina Recreational Therapy Association, Sheraton Greensboro at Four Seasons, Greensboro, NC. (October 2016).

Hinton, J. L. (Presenter & Author), Perlotto, K. G. (Presenter & Author), Schwiebert, V. L. (Presenter Only), NCRTA 2016 Annual Conference, "Meet Gus: Benefits of canine animal assisted therapy for diverse patient population groups in recreational therapy," North Carolina Recreational Therapy Association, Sheraton Greensboro at Four Seasons, Greensboro, NC. (October 2016).

Hutchins, D. (Leader), Wyble, R. (Panelist), Hinton, J. L. (Panelist), ATRA 2016 Annual Conference, "CAAHEP-CARTE Accreditation: A panel discussion on outcomes," American Therapeutic Recreation Association, Lombard, IL. (September 2016).

Wilson, S. M. (Presenter & Author), Hinton, J. L. (Presenter & Author), ATRA 2016 Annual Conference, "The role of graduate education in recreational therapy to enhance professional practice and advance the profession," American Therapeutic Recreation Association, Lombard, IL. (September 2016).

## **Dr. Mary A. Hollis**

### **Journal Article**

Miles, C., Tait, E. M., Hollis, M. A., Schure, M. B. (2016). A case-controlled, multi-site study of the effects of Laughter Yoga on participants' bio-metrics. *Advances in Mind-Body Medicine*, 30(1), 12-20.

### **Presentation**

Tait, E. M., Raming, B. W., Hollis, M. A., 37th SGS Annual Conference and Meeting, "Reasons for Using Yoga by Older Americans with Chronic Bone Conditions." Southern Gerontological Association, Conference, Charlottesville, VA. (March 31, 2016 - April 3, 2016).

## **Dr. David G. Hudson**

### **Conference Proceedings**

Baker, A., Hudson, D. G., Tanaka, M. L. (2016). *Evaluation of gait instability induced by torso loading with various magnitudes and directions*. Annual meeting of the American Society of Biomechanics.

Hudson, D. G., Gilliam, J., Tanaka, M., Baker, A. (2016). *The effects of gender and core stability on temporal-spatial gait parameters during short-term adaptation to 20% increase in backpack load carriage* (vol. 21). Gait and Clinical Movement Analysis Society.

### **Journal Article**

Hudson, D. (2016). The rotational profile: a study of lower limb axial torsion, hip rotation, and the foot progression angle in healthy adults. *Gait and Posture*.

### **Presentations**

Baker, A. (Presenter & Author), Gilliam, J. (Author Only), Tanaka, M. (Author Only), Hudson, D. G., the annual meeting of the American Society of Biomechanics, "Evaluation of gait instability induced by torso loading with various magnitudes and directions," American Society of Biomechanics, Raleigh, NC. (August 2016).

Hudson, D. G. (Presenter & Author), Gilliam, J. (Author Only), Tanaka, M. (Author Only), Baker, A. (Author Only), the 21st annual meeting of the Gait and Clinical Movement Analysis Society, "The effects of gender and core stability on temporal-spatial gait parameters during short-term adaptation to 20% increase in backpack load carriage," Gait and Clinical Movement Analysis Society, Memphis, TN. (May 2016).

Baker, A. (Presenter & Author), Gilliam, J. (Author Only), Tanaka, M. (Author Only), Hudson, D. G. (Author Only), National Conference on Undergraduate Research, "Gait compensation for instability caused by backpacks," Asheville, NC. (April 2016).

### **External Grant**

Messier, S. (Principal), Davita, P. (Co-Principal), Hudson, D. G., "We-Can," Federal, \$6,000,000.00. (June 2016 - Present).

### **Internal Grant**

Hudson, D. G., "Research experiences in biomedical engineering, innovation, and engineering design," Western Carolina University, \$0.00. (April 2016).

## **Dr. Mary C. Knowlton**

### **Journal Article**

Knowlton, M. C. (2016). Writing and reviewing NCLEX test questions. *American Nurse Today*, (11/5), 56-57.

### **Presentation**

Knowlton, M. C., Sigma Theta Tau International, Region 13 - 5th Biennial Research Conference, "Supporting student success through coaching in a baccalaureate nursing articulation program," Sigma Theta Tau International, Eta Psi Chapter, Asheville, NC. (April 15, 2016 - April 16, 2016).

### **Internal Grant**

Angel, L. A. (Co-Principal), Knowlton, M. C. (Co-Principal), Livsey, K. (Co-Principal), "Assessment of RIBN Student Learning QEP Assessment Mini Grant," Sponsored by WCU QEP, Western Carolina University, \$1,050.00. (June 26, 2015 - Present).

## **Dr. Lisa J. Lefler**

### **Presentations**

Lefler, L. J. (Panelist), Belt, T. N. (Panelist), Powell, T. (Panelist), Trafzer, C. (Panelist), U. Penn Graduate Nursing Program, "American Indian Health and Wellbeing," University of Pennsylvania. (September 26, 2016).

Lefler, L. J., Belt, T. N. (Presenter Only), Sarah Graham Kenan Rural and Underserved Medical Scholars Program, "Cherokee and Appalachian Health," MAHEC, MAHEC, Asheville, NC. (June 28, 2016).

Lefler, L. J., "Considerations for Cherokee and Appalachian Patients," Mission Hospital Partners, Mission Hospital, Asheville, NC. (June 23, 2016).

Lefler, L. J., "Working with the First Appalachians: Cherokees and Contemporary Issues in Health and Well-Being," Appalachian Studies Program, Young Harris College, Young Harris College, Young Harris, GA. (April 11, 2016).

## **Dr. Kae Livsey**

### **Journal Article**

Livsey, K. (2016). Use of the Creighton tool during a home visit simulation experience. *Nursing Education Perspectives*, 57(5), 283-284.

### **External Grants**

Livsey, K., MacKusick, C. "RN-Education and Support Program (RN-ESP)," Sponsored by DHHS Health Resources and Services Administration (HRSA), (2016).

Neubrandner, J. L., Livsey, K., Metcalfe, S. "BSN Practicums in Population Health," Sponsored by Health Resources Services Administration, Federal, \$999,512.00. (July 1, 2016 - June 30, 2018).

Neubrandner, J. (Principal), Livsey, K. (Principal), "Post BSN and MSN Primary Care Certificate in Primary Care: Planning grant," Sponsored by Mountain Area Health Education Center, Other, \$25,000.00. (July 1, 2015 - June 30, 2016).

Livsey, K., Deziel, J. "Enhancing Supportive Services in Low Income Senior Housing: Developing the Value Proposition for a Community Nurse Presence," Sponsored by the Robert Wood Johnson Foundation, (2016).

### **Internal Grant**

Angel, L. A. (Co-Principal), Knowlton, M. C. (Co-Principal), Livsey, K. (Co-Principal), "Assessment of RIBN Student Learning QEP Assessment Mini Grant," Sponsored by WCU QEP, Western Carolina University, \$1,050.00. (June 26, 2015 - Present).

### **Sponsored Research**

Angel, L. A. (Co-Principal), Livsey, K. (Co-Principal), "TEAS Performance among Year 2 Semester 1 RIBN and Traditional BSN program Baccalaureate Nursing Students," Sponsored by School of Nursing Director Research Support, Western Carolina University, \$1,350.00. (June 1, 2015 - Present).

Livsey, K., Pearson, T. L., "Use of standardized patients to support development of nurse practitioner student communication skills," Sponsored by Western Carolina University School of Nursing Director Scholarship Support Grant, Western Carolina University, \$3,000.00. (May 2016 - June 2017).

Wright, E. W., Livsey, K., Neubrandner, J. L., "Provost's Internal Funding Support Grant," Sponsored by WCU Provost's Office, Western Carolina University, \$14,452.00. (March 2016 - June 2017).

## **Ms. Carol MacKusick**

### **Book, Chapter in Textbook**

MacKusick, C. (2016). Pulmonary Artery Catheter Insertion: Skills for the Registered and Advanced Practice Nurse. *Mosby's Clinical Skills Manual*.

### **External Grant**

Livsey, K., MacKusick, C. "RN-Education and Support Program (RN-ESP)," Sponsored by DHHS Health Resources and Services Administration (HRSA), (2016).

## **Ms. Jill A. Manners**

### **Presentations**

Manners, J. A. (Presenter & Author), Southeast Athletic Trainers' Association Annual Meeting, "Advanced Manual Therapy Techniques for the Upper Extremity," Southeast Athletic Trainers' Association, Atlanta, GA. (March 12, 2016).

Poole, C. (Author Only), Melinchak, M. (Author Only), Manners, J. A. (Other), Southeastern Athletic Trainers' Association Annual Meeting, "Septic Arthritis in A Collegiate Male Wrestler Following TFCC Repair," Southeast Athletic Trainers' Association, Atlanta, GA. (March 12, 2016).

Manners, J. A. (Presenter & Author), Scifers, J. R. (Presenter Only), Southeast Athletic Trainers' Association Annual Meeting, "Beyond the PFJ: Clinical Applications of Strapping Tape," Southeast Athletic Trainers' Association, Atlanta, GA. (March 11, 2016).

Poole, C. (Author Only), Melinchak, M. (Author Only), Manners, J. A. (Other), North Carolina Athletic Trainers' Association Annual Meeting, "Septic Arthritis in A Collegiate Male Wrestler Following TFCC Repair," North Carolina Athletic Trainers' Association, Wrightsville Beach, NC. (March 5, 2016).

Manners, J. A. (Presenter & Author), Scriber, K. C. (Presenter & Author), North Carolina Athletic Trainers' Association Spring Symposium, "Keeping up with the Competencies," North Carolina Athletic Trainers' Association, Wrightsville Beach, NC (March 5, 2016).

## **Dr. Sharon E. Metcalfe**

### **Journal Articles**

Neubrandner, J. L., Metcalfe, E. E. (2016). Diversity in our schools of nursing. *Tucker Publications*, June 2016.

Metcalfe, S. E., Neubrandner, J. L. (2016). Social determinants and educational barriers for successful admission to nursing programs for minority and rural students. *The Journal of Professional Nursing/Elsevier Publications*, 32(5), 377-382. <http://www.professionalnursing.org/>

Metcalfe, S. E. Second life patient scenarios: Enhancing the diversity of the. *Journal of Creative Nursing Springer Publisher*, 22(3), 166-170.

### **External Grants**

Neubrandner, J. L., Livsey, K., Metcalfe, S. "BSN Practicums in Population Health," Sponsored by Health Resources Services Administration, Federal, \$999,512.00. (July 1, 2016 - June 30, 2018).

Metcalfe, S. E., "Nursing Workforce Diversity Program-NN-CAT Mentoring Program," Sponsored by Health Resource Service Administration-HRSA, Washington, DC, Federal. (July 2016 - Present).

### **Internal Grant**

Metcalfe, S. E., "Second Life Virtual Health and Science Continuation Program 2016-2017," Sponsored by School of Nursing, Western Carolina University, Western Carolina University. (March 9, 2016 - Present).

## **Dr. Amy Murphy-Nugen**

### **External Grants**

Murphy-Nugen, A., Robinson, J., Hahn, S. A. "Policy Practice Opportunities and Community Engagement," Sponsored by the Council on Social Work Education, (2016).

Murphy-Nugen, A., Beck, D. "Breaking Down Silos in Housing and Behavioral Health: Aligning Systems to Improve Behavioral Health of Individuals Experiencing Housing Loss," Sponsored by Robert Wood Johnson Foundation (2016).

## **Dr. Burton R. Ogle**

### **Presentations**

Zontek, T. L., Ogle, B. R., Jankovic, J., Hollenbeck, S., Annual Educational Conference and Exposition, "Airborne emissions from commercial large scale 3D printers." National Environmental Health Association, San Antonio, TX. (June 2016).

Ogle, B. R., Zontek, T. L., Jankovic, J., Hollenbeck, S., Annual Educational Conference and Exposition, "Hazard analysis of consumer grade 3D printer," National Environmental Health Association, San Antonio, TX. (June 2016).

### **External Grant**

Ogle, B. R., "LED-PDOE Equipment Grant (2) Approx. \$25,000 value," Sponsored by U.S. Department of Energy, Federal. (April 1, 2015 - March 31, 2016).

## **Dr. Billy T. Ogletree**

### **Chapters in Scholarly Books**

Ogletree, B. T. (2016). Measuring Communication and Language Skills in Individuals with Severe Intellectual Disabilities. *Examining the Science and Practice of Communication Interventions for Individuals with Severe Disabilities* (pp. 313-324). Baltimore, MD: Paul H. Brookes.

Crais, E., Ogletree, B. T. (2016). Prelinguistic Communication Development. *Prelinguistic and Minimally Verbal Communications on the Autism Spectrum*. Springer Science + Business Media Singapore.

Ogletree, B. T., Oren, T. (2016). Structured Yet Functional: An Alternative Conceptualization of Treatment for Communication Impairment in Autism. *Focus on Autism and Other Developmental Disabilities* (4th ed., vol. 13, pp. 228-233). Focus on Autism and Other Developmental Disabilities.

### **Book, Chapter in Textbook**

Ogletree, B. T. (2016). The communicative context of autism. *Educating children and youth with autism: Strategies for effective practice (3rd Edition)* (3rd ed., pp. 83-120). Austin, TX: Pro-Ed.

## Journal Articles

- Ogletree, B. T. Addressing the Communication and other Needs of Persons with Severe Disabilities through Engaged Inter-professional Teams: Introduction to the Clinical Forum. *American Journal on Speech Language Pathology*.
- Ogletree, B. T., Brady, N., Bruce, S., Goldman, A., Erickson, K., Mineo, B., Paul, D., Ronski, M. A., Sevcik, R., Siegel, E., Schoonover, J., Snell, M., Sylvester, L., Wilkinson, K. (2016). Communication services and supports for individuals with severe disabilities: Guidance for assessment and intervention. *American Journal on Intellectual and Developmental Disabilities*, 121(2), 121-138.
- Ogletree, B. T., Bartholomew, P., Kirksey, M. L., Guenigsman, A., Hambrecht, G., Price, J., Wofford, M. (2016). Communication training supporting an AAC user with severe intellectual disability: Application of the communication partner instructional model. *Journal of Developmental and Physical Disabilities*, 28, 135-152. doi: 10.1007/s10882-015-9444-2
- Price, J., Lacey, E., Weaver, V., Ogletree, B. (2016). An intervention strategy for teaching a student with ASD to write sentences in response to prompts. *Reading and Writing Quarterly: Overcoming Learning Difficulties*, early online. <http://dx.doi.org/10.1080/10573569.2016.1238328>
- Ogletree, B. T., Price, J. R., Rose, A. J., Julie, O. Five things every teacher must know about their students with autism. *National Association of Special Education Teachers: Autism Spectrum Disorders Series*, (Sept 2016).

## External Grant

- Tucker, D., Mayo, R., Ogletree, B. T., "Inter-Institutional Distance Education Arrangement for Learning and Leadership in CSD," \$1,225,743.32. (2015 - Present).

## Sponsored Research

- Prescott, E. E. (Investigator), Ogletree, B. T. (Principal), Broughton, D., "Opinions of Speech Therapy Patients on the use of Natural Botanicals to Improve Cognitive Function," Sponsored by WCU IRB, UNM. (February 12, 2016 - Present).

## Dr. Tamera L. Pearson

### External Grants

- Pearson, T. L., "Advanced Education Nursing Traineeship (2014-2016)," Sponsored by HRSA, Federal, \$700,000.00. (February 2016 - Present).
- Pearson, T. L., "Advanced Education Nursing Traineeship (2014-2016)," Sponsored by HRSA, Federal, \$700,000.00. (July 2014 - Present).

### Internal Sponsored Research

- Livsey, K., Pearson, T. L., "Use of standardized patients to support development of nurse practitioner student communication skills," Sponsored by Western Carolina University School of Nursing Director Scholarship Support Grant, Western Carolina University, \$3,000.00. (May 2016 - June 2017).

## Ms. Emory E. Prescott

### External Sponsored Research

- Prescott, E. E. (Investigator), Ogletree, B. T. (Principal), Broughton, D., "Opinions of Speech Therapy Patients on the use of Natural Botanicals to Improve Cognitive Function," Sponsored by WCU IRB, UNM. (February 12, 2016 - Present).

## Dr. Brian W. Raming, PhD

### Presentation

- Tait, E. M., Raming, B. W., Hollis, M. A., 37th SGS Annual Conference and Meeting, "Reasons for Using Yoga by Older Americans with Chronic Bone Conditions." Southern Gerontological Association, Conference, Charlottesville, VA. (March 31, 2016 - April 3, 2016).

## Dr. Tracie K. Rice

### External Contracts

- Rice, T. K., "Macon County Schools," State. (August 15, 2015 - June 15, 2016).
- Rice, T. K., Trivette, L. H., "Swain County Schools," State, \$20,000.00. (August 15, 2015 - June 15, 2016).
- Rice, T. K., Davis, M. P., "Jackson County Public Schools," State, \$22,000.00. (August 15, 2015 - June 10, 2016).

## **Dr. Amy J. Rose**

### **Journal Article**

Ogletree, B. T., Price, J. R., Rose, A. J., Julie, O. Five things every teacher must know about their students with autism. *National Association of Special Education Teachers: Autism Spectrum Disorders Series*, (Sept 2016).

### **Presentations**

Rose, A. J. (Author Only), Hayes, C. A. (Presenter & Author), Horak, A. (Author Only), Leek, K. (Author Only), 2nd Annual Southeastern IPE Conference, "Western Carolina Interdisciplinary Collaboration: Communication Sciences and Disorders and Nursing," East Tennessee University, Asheville, NC. (June 17, 2016).

## **Dr. Lori A. Schrodt**

### **External Contract**

Schrodt, L. A., Chaplin, R., "Evidence-based fall prevention program dissemination and implementation," Sponsored by NC Department of Health and Human Services, Division of Aging and Adult Services by the Administration for Community Living (through Interbeing Consulting), Federal, \$27,116.00. (2014 - 2016).

## **Dr. James R. Scifers**

### **Presentation**

Manners, J. A. (Presenter & Author), Scifers, J. R. (Presenter Only), Southeast Athletic Trainers' Association Annual Meeting, "Beyond the PFJ: Clinical Applications of Strapping Tape," Southeast Athletic Trainers' Association, Atlanta, GA. (March 11, 2016).

## **Ms. Elizabeth H. Sexton**

### **Internal Grant**

Sexton, E. H. (Co-Principal), Clark, C. (Co-Principal), "QEP Mini Grant," Sponsored by Western Carolina University, Western Carolina University, \$1,250.00. (October 5, 2015 - March 1, 2016).

## **Dr. David A. Shapiro**

### **Conference Proceedings**

Shapiro, D. A. (2016). IFA's silver anniversary: Reflections on the past, present, and future. In R. Gabel (Ed.), *Proceedings – International Fluency Association's 8th World Congress on Fluency Disorders, Lisbon, Portugal, July 6-8, 2015*. Toledo, Ohio: The University of Toledo.

### **Newsletter**

Shapiro, D. A. (2016). *A Program Friend Remembered*. Cullowhee and Raleigh, NC: CommuniCat and by the North Carolina Speech, Hearing and Language Association Online Membership Blast.

### **Presentations**

Shapiro, D. A., University of Louisiana Symposium, "The value of stories shared: Breaking taboos and understanding "What does it mean to stutter?"," University of Louisiana at Lafayette, University Campus, Lafayette, LA. (April 2016).

Shapiro, D. A., SHAA Annual Conference, "Achieving communication freedom with teens and adults who stutter: A process of collaboration, success, and fun," Speech and Hearing Association of Alabama, conference hotel, Birmingham, AL. (February 2016).

Shapiro, D. A. (2016). Stuttering intervention and professional preparation: From both sides now. 19th International Stuttering Awareness Day Online Conference: Stuttering Pride: Respect, Dignity, Recognition. [A. Blom, K. Boss, D. Hudock, B. Imhoff, & H. Hurwitz, Conference Chairs, International Stuttering Association; for retrieval, <http://isad.isastutter.org/isad-2016/papers-presented-by-2016/research-therapy-and-support/stuttering-intervention-and-professional-preparation-from-both-sides-now-david-shapiro/>;

Glover, A. M., & Shapiro, D. A. (2016). Faith and fluency: Inviting a closer look. 19th International Stuttering Awareness Day Online Conference: Stuttering Pride: Respect, Dignity, Recognition. [A. Blom, K. Boss, D. Hudock, B. Imhoff, & H. Hurwitz, Conference Chairs, International Stuttering Association; for retrieval, <http://isad.isastutter.org/isad-2016/papers-presented-by-2016/research-therapy-and-support/faith-and-fluency-inviting-a-closer-look-amanda-glover-david-shapiro/>

## **Dr. Josie C. Simic**

### **Journal Article**

Lee, J., Simic, J. C., Vonk, E. M. (2016). Development and initial validity of the Transracial Adoptive Parenting Scale-Revised. *Research on Social Work Practice*, 14.

## Internal Grant

Anderson, E. B., Simic, J. C., "Factors Related to Academic and Financial Outcomes After Campus Sexual Sssault," Sponsored by Western Carolina University Office of Provost, Western Carolina University. (October 2016 - Present).

## Dr. Elizabeth M. Tait

### Abstract

Tait, E. M., Tallant, A. C. *Reasons for Use of Complementary and Alternative Medicine for Arthritis by Older Women*. Orlando, Florida: Gerontological Society of America.

### Journal Article

Miles, C., Tait, E. M., Hollis, M. A., Schure, M. B. (2016). A case-controlled, multi-site study of the effects of Laughter Yoga on participants' bio-metrics. *Advances in Mind-Body Medicine*, 30(1), 12-20.

### Presentations

Tait, E. M., Raming, B. W., Hollis, M. A., 37th SGS Annual Conference and Meeting, "Reasons for Using Yoga by Older Americans with Chronic Bone Conditions." Southern Gerontological Association, Conference, Charlottesville, VA. (March 31, 2016 - April 3, 2016).

Tait, E. M., Tallant, A. C., Design Interface Conference, "Field experiences and visits to archives and museums," University of Tennessee, University of Tennessee, Knoxville, TN. (March 30, 2016 - March 31, 2016).

Tait, E. M., "Medicare/Medicaid – an Overview," Western Carolina University, Cullowhee. (March 2016).

## Dr. Ashley B. Thrasher

### Abstracts

Walker, S. E., Mazerolle, S. M., Thrasher, A. B. (2016). *Newly credentialed athletic trainers' transition during the first nine months of clinical practice: A six-month follow up interview* (6th ed., vol. 51, pp. 114). St. Louis, MO: Journal of Athletic Training. <http://europepmc.org/articles/jpmc4641542>

Thrasher, A. B., Walker, S. E., Hankemeier, D. A. (2016). *Professional preparation of graduate assistant athletic trainers* (6th ed., vol. 51, pp. S-215). St. Louis, MO: Journal of Athletic Training. <http://www.natajournals.org/doi/pdf/10.4085/1004275>

### Journal Articles

Thrasher, A. B., Walker, S. E., Hankemeier, D. A., Mulvihill, T. (2016). Graduate Assistant Athletic Trainers' Perceptions of Professional Socialization in the Collegiate Setting: Part I. *Journal of Athletic Training*, 51(10), 758-770. <http://www.natajournals.org/doi/pdf/10.4085/1062-6050-51.11.09>

Thrasher, A. B., Walker, S. E., Hankemeier, D. A., Mulvihill, T. (2016). Graduate Assistant Athletic Trainers' Perceptions of the Supervisor's Role in Professional Socialization: Part II. *Journal of Athletic Training*, 51(10), 771-779. <http://www.natajournals.org/doi/pdf/10.4085/1062-6050-51.11.10>

Walker, S. E., Thrasher, A. B., Mazerolle, S. M. (2016). Exploring the perceptions of newly credentialed athletic trainers as they transition to practice. *Journal of Athletic Training*, 51(8), 601-612. <http://natajournals.org/doi/pdf/10.4085/1062-6050-51.9.12>

Walker, S. E., Weidner, T. G., Thrasher, A. B. (2016). Small group standardized patient encounter improves athletic training students' psychosocial intervention and referral skills. *Athletic Training Education Journal*, 11(1), 38-44. <http://www.natajournals.org/doi/pdf/10.4085/110138>

Judge, L. W., Bellar, D., Craig, B., Gilreath, E., Cappos, S., Thrasher, A. B. (2016). The influence of post activation potentiation on shot put performance of collegiate throwers. *Journal of Strength and Conditioning Research*, 30(2), 438-445. <http://ovidsp.tx.ovid.com/sp-3.23.0a/ovidweb.cgi?QS2=434f4e1a73d37e8cb17d0a2d43bbd96cboc1e368043180cb333dd66c2be0052e3c37e0203d3e39c531a23a73445e01d9fd49c9f64b126bfbcb2716a2ae9cf894415d98d065ba566590ee3f-f3a7360581aa9b48ebcf3d4d77b1cfe7ff80594ea797e676f8e5c69011215b8091916c03759a830c44bbfe1479e-566a6960a76458a22ea8bf1c5320ad7b70c2830b4b8e667060d55bc2f00d79047434c22df2b76b535089f96cb32f3bb-a297a5e1cb249349c0a7964aa20fe34cadbd33452d0aa530fc39afdb890c7c6ec812059dfo98e7477a220bbb3>

Walker, S. E., Mazerolle, S. M., Thrasher, A. B. (2016). Orientation tactics utilized in post-professional athletic training programs. *Athletic Training Education Journal*, 11(3), 138-145. <http://www.natajournals.org/doi/pdf/10.4085/1103138>

### Presentations

Williams, B. M. (Presenter & Author), Shirk, C. (Author Only), Thrasher, A. B. (Coordinator/Organizer), 2nd Annual Pardee Sports Medicine Symposium, "Femoroacetabular impingement in a high school soccer player." Hendersonville, NC. (November 19, 2016).

Thrasher, A. B. (Author Only), Walker, S. E. (Author Only), Hankemeier, D. A. (Author Only), NATA Annual Meeting and Clinical Symposium, "Professional preparation of graduate assistant athletic trainers," National Athletic Trainers' Association, Baltimore Convention Center, Baltimore, MD. (June 25, 2016).

Walker, S. E. (Author Only), Mazerolle, S. M. (Author Only), Thrasher, A. B. (Author Only), NATA Annual Meeting and Clinical Symposium, "Newly credentialed athletic trainers transition during the first nine months of clinical practice: A six-month follow up interview," Baltimore, MD. (June 23, 2016).

Hupp, L. T. (Presenter & Author), Thrasher, A. B. (Author Only), Perky, D. (Author Only), NATA Annual Meeting and Clinical Symposium, "Reliability of Hip Range of Motion Measurement: Smart Phone Application versus the Universal Goniometer by Experienced and Novice Clinicians." Baltimore, MD. (June 23, 2016).

Byrnes, K. E. (Presenter & Author), Thrasher, A. B. (Author Only), Wheeler, A. A. (Author Only), NATA Annual Meeting and Clinical Symposium, "The Clinical Efficacy of Common Cold Modalities in Relation to Adipose Tissue: A Pilot Study," Baltimore, MD. (June 23, 2016).

Walker, S. E. (Author Only), Mazerolle, S. M. (Author Only), Thrasher, A. B. (Author Only), Great Lakes Athletic Trainers' Association Annual Meeting, "Newly credentialed athletic trainers' transition during the first nine months of clinical practice: A six month follow up interview," Wheeling, IL. (March 11, 2016).

## External Grants

Supple, M. (Co-Principal), Thrasher, A. B. (Co-Principal), "The effects of weekly training loads on game intensity and recovery in collegiate soccer players," Sponsored by Arkansas Department of Higher Education, State, \$4,000.00. (January 2016 - Present).

Thrasher, A. B. (Principal), Walker, S. E. (Investigator), "Examining the onboarding process for newly credentialed athletic trainers and its impact on transition to practice," Sponsored by National Athletic Trainers' Association Research and Education Foundation, Private, \$0.00. (February 2016).

## Dr. Johanna P. Vinyard

### Journal Articles

Ogletree, B. T., Bartholomew, P., Kirksey, M. L., Guenigsman, A., Hambrecht, G., Price, J., Wofford, M. (2016). Communication training supporting an AAC user with severe intellectual disability: Application of the communication partner instruction model. *Journal of Developmental and Physical Disabilities*, 28, 135-152. doi: 10.1007/s10882-015-9444-2

Price, J., Lacey, E., Weaver, V., Ogletree, B. (2016). An intervention strategy for teaching a student with ASD to write sentences in response to prompts. *Reading and Writing Quarterly: Overcoming Learning Difficulties*, early online. <http://dx.doi.org/10.1080/10573569.2016.1238328>

Ogletree, B. T., Price, J. R., Rose, A. J., Julie, O. Five things every teacher must know about their students with autism. *National Association of Special Education Teachers: Autism Spectrum Disorders Series*, (Sept 2016).

### External Grant

Price, J. R., "Pathways Program, American Speech-Language-Hearing Association," Sponsored by Western Carolina University. (2016).

### Internal Grants

Price, J. (Principal), "Writing skills of children and adolescents with and without autism spectrum disorder," Sponsored by Provost's Internal Research Support Grant, Western Carolina University, \$8,210.00. (January 2016 - Present).

Price, J. (Principal), Gause, D. (Investigator), "Macrostructure of the written narratives of adolescents with autism and typically developing adolescents," Sponsored by Summer Undergraduate Research Program, Western Carolina University. (2016).

## Dr. Elizabeth D. Wall-Bassett

### Journal Article

Kline, C., Joyner, L., Crawford, A., Jilcott-Pitts, S., Wall-Bassett, B., Garganus, C., Dunning, R. (2016). Gaps and Barriers along the North Carolina Agri-Food Value Chain. *British Food Journal*, 118(2), 301-317.

### External Grants

Wall-Bassett, B. (Investigator), "Evaluating the impact of a new supermarket on residents' diets in a low-income, Southern community," Sponsored by National Institutes of Health, Federal. (2016 - Present).

Wall-Bassett, B. (Investigator), "Smart Shopping - Food Shopping Intervention Among Adolescents," Sponsored by USDA National Institute of Food and Agriculture (NIFA), Federal. (2016 - Present).

Wall-Bassett, B. (Principal), "Seeds to Snacks," Sponsored by Vidant Medical Center Foundation, Private. (2016).

Wall-Bassett, B., "Greenville Community Garden Network," Sponsored by Vidant Medical Center Foundation, Private, \$25,000.00. (2015 - 2016).

### **Internal Grants**

Wall-Bassett, B. (Principal), "Assessing Nutritional Status among Women Recovering from Substance Use," Sponsored by Western Carolina University, Office of the Provost, Western Carolina University. (2015 - 2016).

Wall-Bassett, B. (Principal), "Understanding the linkages between agricultural crop diversity and human nutritional profiles," Sponsored by Western Carolina University, Office of the Provost, Western Carolina University. (2015 - 2016).

## **Dr. Ericka P. Zimmerman**

### **Publication**

Zimmerman, E. P., Odell, C., Bruning, P., Conway, D., Hougum, P., Ruiz, D., Sedory, J. (2016). *The 2015 Athletic Training Practice Analysis Study* (7th ed., pp. 163). Omaha, NE: Board of Certification.

### **Presentation**

Zimmerman, E. P. (Other), Zeller, B. (Other), 67th NATA Clinical Symposia & AT Expo, "Secondary Certifications: Expanding Your Resume or Devaluing ATC Credential?" National Athletic Trainers' Association, Baltimore, MD. (June 2016).

## **Dr. Tracy L. Zontek**

### **Presentations**

Zontek, T. L., Ogle, B. R., Jankovic, J., Hollenbeck, S., Annual Educational Conference and Exposition, "Airborne emissions from commercial large scale 3D printers." National Environmental Health Association, San Antonio, TX. (June 2016).

Ogle, B. R., Zontek, T. L., Jankovic, J., Hollenbeck, S., Annual Educational Conference and Exposition, "Hazard analysis of consumer grade 3D printer," National Environmental Health Association, San Antonio, TX. (June 2016).

### **External Grant**

Zontek, T. L. (Principal), Byrd, B. D. (Co-Principal), Taylor, M., "EPA Greater Research Opportunity (WCU Undergraduate ENVH Research Fellowship)" Sponsored by Environmental Protection Agency, Federal, \$50,000.00. (August 2014 - May 2016).

## **Coulter Faculty Commons**

## **Martha Diede**

### **External Grant**

Schwab, B., Wilson, J., Diede, M. "Western North Carolina Leadership Initiative," Sponsored by Cherokee Preservation Foundation, \$203,995 (2016).

## **Honors College**

## **Dr. Jill Granger**

### **Book, Scholarly**

Granger, R. M., Yochum, H. M., Granger, J. N., & Sienerth, K. D. (2017). *Instrumental Analysis*. New York, NY: Oxford University Press.

### **Journal Article**

Granger, J. N., Vinion-Dubiel, A., Yochum, H., Alouf, J., & Loboschewski, T. (2016). Evaluation of Lesson Study Based Teacher Professional Development Model for Inquiry Teaching in STEM. *Virginia Mathematics Teacher*, 43 (1), pp. 59-64.

## **April C. Tallant**

### **Abstract**

Tait, E. M., Tallant, A. C. *Reasons for Use of Complementary and Alternative Medicine for Arthritis by Older Women*. Orlando, Florida: Gerontological Society of America.

## Conference Proceedings

Yan, Y., Kaul, S., Ferguson, C. W., Yanik, P. M., Tallant, A. C. (2016). Perceptions and Applications of Honors Contracts in Developing an Undergraduate Engineering Research Experience. *123rd ASEE (American Society of Engineering Education) Annual Conference and Exposition* (pp. 1-21). New Orleans, LA: ASEE.

## Presentation

Tait, E. M., Tallant, A. C., Design Interface Conference, "Field experiences and visits to archives and museums," University of Tennessee, University of Tennessee, Knoxville, TN. (March 30, 2016 - March 31, 2016).

# Hunter Library

## Tina M. Adams

## Presentation

Biswas, P., Adams, T. M., Charleston Conference, "Nobody Knows and Nobody is Responsible: Issues in eBooks Workflow and Access," Charleston, SC. (November 4, 2016).

## Cara M. Barker

## Presentation

Barker, C. M., Innovative Library Classroom, "Information Literacy to Order: Creating Opportunities for Instruction," Virginia Chapter of the Association of College & Research Libraries (VLACRL), Radford University, Radford, VA. (May 11, 2016).

## Dr. Paromita Biswas

## Journal Articles

Biswas, P., Marchesoni, J. (2016). Analyzing Digital Collections Entrances: What Gets Used and Why It Matters. *Information Technology and Libraries*, 35(4), 19-34. <https://ejournals.bc.edu/ojs/index.php/ital/article/view/9446/pdf>

Skene, E. M., Biswas, P. (2016). From Silos to (Archives) Space: Moving Legacy Finding Aids Online as a Multi-Department Library Collaboration. *The Reading Room: A Journal of Special Collections*, 1(2). <http://readingroom.lib.buffalo.edu/readingroom/PDF/vol1-issue2/From-Silos-to-Archives-Space.pdf>

## Presentation

Biswas, P., Adams, T. M., Charleston Conference, "Nobody Knows and Nobody is Responsible: Issues in eBooks Workflow and Access," Charleston, SC. (November 4, 2016).

## Heidi E. Buchanan

## Chapter in Scholarly Book

Buchanan, H. E., McDonough, E. A. (2016). Right on time: Best practice in one-shot instruction. *The new information literacy instruction: Best practices* (pp. 85-101). Lanham, MD: Rowman and Littlefield.

## Public or Trade Journal

Skene, E. M., Buchanan, H. E., Hallyburton, A., Steiner, S. K. (2016). Reaching Faculty During the Summer: Taking Inspiration from the Blogosphere. *College and Research Libraries News*, 77(3), 140-143. <http://crln.acrl.org/content/77/3/140.short?rss=1>

## Presentation

McDonough, E. A., Buchanan, H. E., Information Literacy Summit, "Demo Makeover: Teaching The Framework One-Shot at a time," DePaul University and Moraine Valley Community College Libraries, Moraine Valley Community College, Chicago, IL. (April 29, 2016).

## Kristin R. Calvert

## Presentation

Calvert, K. R., American Library Association Annual Meeting, "The weighted allocation formula and the association between academic discipline and research cited by faculty," American Library Association, Orlando, FL. (June 26, 2016).

## **Ann Hallyburton**

### **Journal Articles**

Hallyburton, A. (2016). A Conceptual Approach to Practitioners' Health Information Literacy. *Reference Services Review*, 44(2).

Skene, E. M., Buchanan, H. E., Hallyburton, A., Steiner, S. K. (2016). Reaching Faculty During the Summer: Taking Inspiration from the Blogosphere. *College and Research Libraries News*, 77(3), 140-143. <http://crln.acrl.org/content/77/3/140.short?rss=1>

### **Websites**

Hallyburton, A. (2016). Colorectal Cancer. *NC Health Info*. [www.nchealthinfo.org/health-topics/colorectal-cancer](http://www.nchealthinfo.org/health-topics/colorectal-cancer)

Hallyburton, A. (2016). Obsessive Compulsive Disorder. *NC Health Info*. <https://www.nchealthinfo.org/health-topics/obsessive-compulsive-disorder>

### **External Grant**

Marcus, E. A. (Principal), Hallyburton, A. (Investigator), "EZ Literacy and Lifelong Learning Grant," Sponsored by State Library of North Carolina- Library Services and Technology Act, State. \$39,966.00. (February 2016).

## **Elizabeth A. Marcus**

### **Presentation**

Marcus, E. A., Turnbull, M. Access Services Conference, "Communication on the Front Lines: Building Relations between Access Services and Research and Instruction Services," Global Learning Center, Georgia Institute of Technology, Atlanta, GA (November 16-18, 2016).

### **External Grant**

Marcus, E. A. (Principal), Hallyburton, A. (Investigator), "EZ Literacy and Lifelong Learning Grant," Sponsored by State Library of North Carolina- Library Services and Technology Act, State, \$39,966.00. (February 2016).

### **Internal Grant**

Marcus, E. A., "Chancellor's Travel Fund," Sponsored by Western Carolina University, \$707.68 (November 2016).

## **Dr. Beth A. McDonough**

### **Book, Chapter in Scholarly Book**

Buchanan, H. E., McDonough, E. A. (2016). Right on time: Best practice in one-shot instruction. *The new information literacy instruction: Best practices* (pp. 85-101). Lanham, MD: Rowman and Littlefield.

### **Presentations**

McDonough, E. A., Buchanan, H. E., Information Literacy Summit, "Demo Makeover: Teaching the Framework One-Shot at a time," DePaul University and Moraine Valley Community College Libraries, Moraine Valley Community College, Chicago, IL. (April 29, 2016).

McDonough, E. A., The Collective, "What do They Really Want?" Holiday Inn, Knoxville, TN. (March 3, 2016).

## **Krista D. Schmidt**

### **Book**

Schmidt, K. D., Carstens, T. V. (2017). *The Subject Liaison's Survival Guide to Technical Services*. Chicago, IL: ALA Editions.

## **Elizabeth M. Skene**

### **Journal Articles**

Skene, E. M., Biswas, P. (2016). From Silos to (Archives) Space: Moving Legacy Finding Aids Online as a Multi-Department Library Collaboration. *The Reading Room: A Journal of Special Collections*, 1(2). <http://readingroom.lib.buffalo.edu/readingroom/PDF/vol1-issue2/From-Silos-to-Archives-Space.pdf>

Skene, E. M., Buchanan, H. E., Hallyburton, A., Steiner, S. K. (2016). Reaching Faculty During the Summer: Taking Inspiration from the Blogosphere. *College and Research Libraries News*, 77(3), 140-143. <http://crln.acrl.org/content/77/3/140.short?rss=1>

## Newsletter

Skene, E. M. (2016). *Digitizing to Help Finding* (1st ed., vol. 3, pp. 9). Asheville, NC: Museums in Partnership News and Note.

## Presentation

Skene, E. M., Institutional Repository Day, "Curriculum to Commons: Student Scholarship and Institutional Repositories," University of Southern Mississippi, The University of Southern Mississippi, Hattiesburg, MS. (April 29, 2016).

## External Grant

Skene, E. M., "Beyond Industry and Forestry: The Community Built by the Canton Champion Fibre Company," Sponsored by State Library of North Carolina, State. (February 2016).

## Sarah K. Steiner

### Journal Article

Skene, E. M., Buchanan, H. E., Hallyburton, A., Steiner, S. K. (2016). Reaching Faculty During the Summer: Taking Inspiration from the Blogosphere. *College and Research Libraries News*, 77(3), 140-143. <http://crln.acrl.org/content/77/3/140.short?rss=1>

### Presentation

Steiner, S. K., "Why Should I Care About This?" Improving Student Motivation in the One-Shot Classroom," North East Florida Library Association, online. (April 14, 2016).

## Mark A. Stoffan

### Chapter in Scholarly Book

Stoffan, M. A. (2016). An Overview of Research Data Management in Regional Libraries in North Carolina. *Envisioning Our Preferred Future: New Services, Jobs, and Directions (Creating the 21st Century Academic Library, Vol. 8.)* (vol. 8, pp. 1-16). Lanham, MD: Rowman & Littlefield.

### Journal Article

Stoffan, M. A., Ellern, G. D. A Survey of wireless authentication practices in North Carolina libraries. *Library and Information Technology*, 123(111), 25-200.

### External Grants

Stoffan, M. A., "Preservation Assistance Grant," Sponsored by National Endowment for the Humanities, Federal, \$6,000.00. (January 2016 - Present).

Stoffan, M. A., "LSTA Literacy and Life-long Learning Grant, 2015-2016," Sponsored by Institute of Library and Museum Services, Federal, \$48,524.00. (July 1, 2015 - June 30, 2016).

## Malti Turnbull

### Presentation

Marcus, E. A., Turnbull, M. Access Services Conference, "Communication on the Front Lines: Building Relations between Access Services and Research and Instruction Services," Global Learning Center, Georgia Institute of Technology, Atlanta, GA (November 16-18, 2016).

### Art Exhibit

Turnbull, M. (2016). *Wolf Vessel* [Ceramic 32" wide by 10" high].

## Jessica H. Zellers

### Journal Articles

Zellers, J. H. (2016). Getting Up to Speed in LGBTQ Writing.

Saricks, J. (2016). Getting Up to Speed in Adventure Fiction. *NoveList Readers' Advisory database*.

### Regular Column in Journal or Newspaper

Zellers, J. H. (2016). Around the Web (February-October).

### Presentation

Zellers, J. H. (Presenter & Author), Charleston Conference, "How to Incorporate Supply and Demand into your Allocation Formula," Charleston, SC. (November 3, 2016).

## Office of Accessibility Resources

### Wesley Satterwhite

#### External Grant

Satterwhite, W. "Western Carolina University Upward Bound Project," Sponsored by DOED Office of Postsecondary Education (2016).

## Office of the Provost

### Alison Morrison-Shetlar

#### External Grant

Morrison-Shetlar, A. (Principal), Kwochka, W. R. (Co-Principal), "Collaborative Research: L.E.A.R.N.ing To Build STEM Research Communities – A Proposal to Strengthen, Expand, and Disseminate a Successful Retention Model," Sponsored by NSF-IUSE, Federal, \$1,800,000.00. (July 2015 - June 2020).

### Brandon Schwab

#### External Grants

Schwab, B., Wilson, J., Diede, M. "Western North Carolina Leadership Initiative," Sponsored by Cherokee Preservation Foundation, \$203,995 (2016).

Bricker, P. L., Schwab, B., Costa, J., Workman, S. "Western North Carolina STEM Master Teaching Fellows Project," Sponsored by North Carolina State University, (2016).

## Office of Research Administration

### Dr. Brian D. Kloeppel

#### Publications

Bates, P. C., Miller, J. R., Styers, D. M., Burda, C., Davis, R. W., Martin, T. H., Kloeppel, B. D. (2016). *Natural Resource Condition Assessment for Carl Sandburg Home National Historic Site* (pp. 202). Fort Collins, Colorado: National Park Service.

Bates, P. C., Miller, J. R., Styers, D. M., Langdon, K., Burda, C., Davis, R. W., Martin, T. H., Kloeppel, B. D., McFarland, S. (2016). *Natural Resource Condition Assessment for Great Smoky Mountains National Park* (pp. 478). Fort Collins, Colorado: National Park Service.

Bates, P. C., Miller, J. R., Styers, D. M., Burda, C., Davis, R. W., Martin, T. H., Kloeppel, B. D. (2016). *Natural Resource Condition Assessment for Guilford Courthouse National Military Park* (pp. 163). Fort Collins, Colorado: National Park Service.

#### External Grant

Moshier, A., Kloeppel, B.D. "Cultivating a Culture of Research at Western Carolina University," Sponsored by the National Institutes of Health, (2016).

### Andrea Moshier

#### External Grant

Moshier, A., Kloeppel, B.D. "Cultivating a Culture of Research at Western Carolina University," Sponsored by the National Institutes of Health, (2016).

## Parking and Transportation

### Frederick J. Bauknecht

#### Art Exhibit

Bauknecht, F. J. (2016). *Cluck* [13" x 20" Acrylic painting on salvaged barn tin roof].

**Ian Stephens**

**Art Exhibit**

Stephens, I. (2016). *Day of the Dead female* [10” x 13” wood burning on pine wood with custom frame].

**Project Discovery**

**Todd Murdock**

**External Grants**

Murdock, T. “Talent Search,” Sponsored by the US Department of Education, \$368,160 (2016).

Murdock, T. “Talent Search,” Sponsored by the US Department of Education, (2016).

