



Faculty Scholarship Celebration

2011

Western
Carolina
UNIVERSITY

This year is the 22nd consecutive year that Hunter Library will showcase faculty scholarly works through an annual exhibition. Every year, more and more people bring their works to the library, allowing us to celebrate their achievement and to share their scholarly contributions with the whole campus.

This year's exhibit showcases faculty achievements during 2010 and demonstrates the depth, strength, and overall excellence of our faculty's contributions to human knowledge and understanding, as well as their keen desire to share these intellectual gifts with others.

It is hoped that the exhibit will continue to awe, to awaken, to inspire, and to keep the light of truth burning in us all.

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### **A WORD OF THANKS**

This event is sponsored by the Graduate School and Office of Research, Hunter Library, The Honors College, the Office of Undergraduate Studies, and the Coulter Faculty Commons.

The event would not be possible without the leadership of the Faculty Scholarship Celebration Week committee—Scott Higgins, Michelle Hargis, Dana Sally, Carol Burton, Brian Railsback, Laura Cruz, and Andrew Adams. We are also grateful to the Hunter Library Display Committee—Susan Metcalf, Alessia Zanin-Yost (Chair), Serenity Richards, Betsy Clementson, Elizabeth Marcus, and Malti Turnbull for all of their hard work. The reception was graciously supported by The Honors College, the Graduate School and Office of Research, and the Hunter Library. News of the celebration was taken to the campus thanks to the Office of Undergraduate Studies. Special thanks to Tiffany Thomas, Jonathan Benton, and Briana Randle for their work on this publication.

Laura Cruz  
Interim Director, Coulter Faculty Commons

## PROGRAM

### Welcome and Remarks

Dr. Scott Higgins, Chair, Faculty Scholarship Celebration Week  
Dr. Linda Seestedt-Stanford, Interim Provost and Senior Vice Chancellor for Academic Affairs

### 2010 Hunter Scholar Remarks

Dr. Annette Debo, Associate Professor, English Department

### Presentation of the 2011 Hunter Scholar Award

Dr. Michael Smith, Chair of the Hunter Scholar Award Committee

### Presentation of Faculty Research and Creative Scholarship Awards Recipients

Erin Tapley, Associate Professor, School of Art & Design

### Overview of 2011 FSC Exhibits

Alessia Zanin-Yost, Assistant Professor, Hunter Library

### Music by Western Carolina University faculty:

Andrew Adams, keyboard  
Eldred Spell, flute  
Will Peebles, bassoon

Cover page: Briana Randle and Jon Benton

## LIST OF PARTICIPANTS

In the display cases entries have been grouped by schools. The following list is in alphabetical order.

### A

- Abel, D., **DeCristofaro, C.**, & McDowell, M. (2010, September). Ancient adjunct: Does auricular acupuncture have a place in modern anesthesia practice? Conference poster presented at the statewide convention of the *North Carolina Association of Nurse Anesthetists (NCANA)*, Wilmington, NC. Anne Hallyburton is acknowledged in the reference section of the poster.
- Addison, E.** (2010). Families and friendships. *The Oxford Handbook of Transcendentalism*. Joel Myerson, Sandra Harbert Petrulionis, & Laura Dassow Walls (Eds.) New York: Oxford University Press, pp. 524-536.

### B

- Banerjee, D. & **Mulligan, R.F.** (2010). A fractal analysis of market efficiency for Indian technology equities. *Indian Journal of Finance*, 47, pp. 3-9, 43.
- Barnes, J.**, Curry, C., & Schaubroeck, L. (2010, December). Real and imaginary parts of polynomial iterates. *New York Journal of Mathematics*, 16, pp. 749-761.
- Barnes, J.** & Koss L. (2010, June). The erogidic theory carnival. *Mathematics Magazine*, 83(3), pp. 180-190.
- Beckage, B., **Kloepfel, B.D.**, Yeakley, J.A., Taylor, S.F., & Coleman, D.C. (2008). Differential effects of understory and overstory gaps on tree regeneration. *Journal of the Torrey Botanical Society*, 135, pp. 1-11.
- Bennett, T.**, Cherry, D., Ginn, D., Schallock, M., & Ulrich, P.B. (2010). *Smokey Mountain brass quintet tour of China*. Alessia Zanin-Yost helped with the display.
- Blakenship, L., Curtis, S., Tewell, E., Weaver, A., & **Zanin-Yost, A.** (2009). *Arts Guide for Denver, CO*. Association of College and Research Libraries: American Library Association.
- Boone, N. & **Troy, M.** (2010). *Game Plan: Lesson & unit planner for elementary & middle school physical educators*. Reston, VA: National Association for Sport and Physical Education.
- Bricker, P.**, Rogowski, N., Hedt, M., & Rolfe, N. (2010). Transporting students into thin air: Using science to enhance reading. *Science Scope*, 34(2), pp. 37-43.
- Bricker, P.**, Sachs, S., & Binkley, R. (2010). Using citizen science to measure the effects of ozone damage on native wildflowers in the Great Smokey Mountains National Park and beyond. *Science Scope*, 33(8), pp. 12-19.
- Brown-Strauss, S.** (2010). Tattoos on stage: A product survey. *Theatre Design & Technology*, 46(4), pp. 25-33.
- Buskey, F.** & Topolka-Jorissen, K. (2010). No more silos: A new vision for principal preparation. *Educational Leadership Review*, 11(2), pp. 112-122.



## C

- Carvelis-Hughes, C.** (2010, November). The impact of recent school discipline research on racial threat theory. *Contemporary Issues in Criminological Theory and Research: The Role of Social Institutions*. Richard Rosenfeld, Kenna Quinet and Crystal Garcia (Eds.) Wadsworth/Cengage.
- Caravelis-Hughes, C.,** Chiricos, T., & Bales, W. (2011). Static and dynamic indicators of minority threat in sentencing outcomes: A multilevel analysis. *Journal of Quantitative Criminology*. [in press].
- Castro, F.G., Kellison, J., Boyd, S., & **Kopak, A.** (2010). A methodology for conducting integrative mixed-methods research and data analyses. *Journal of Mixed-Methods Research*, 4(4), pp. 342-360.
- Caviness, C., Kinney, K., & **Zannin-Yost, A.** (2010). *ArtsGuide*. San Diego: Association of College and Research Libraries, Art Section.
- Chen, A.C.C., Gance-Cleveland, B., **Kopak, A.**, Haas, S., & Gillmore, M.R. (2010). Engaging families to prevent substance use among Latino youth. *Journal for Specialists in Pediatric Nursing*, 15(4), pp. 324-328.
- Comer, L.** (2011, February). Graduates' perceptions of a fully on-line nurse educator master's program. Poster presented at *Southern Nursing Research Society Conference*, Jacksonville, FL.
- Crolley-Simic, J.** & Vonk, M.E. (2010). White international transracial adoptive mothers' reflections on race. *Child & Family Social Work*. doi:10.1111/j.1365-2206.2010.00729.x
- Crow, R.,** Santos, I., LeBaron, J., McFadden, A., & Osborne, C. (2010). Switching gears: Moving from e-learning to m-learning. *Journal of Online Learning and Teaching*, 6(1), pp. 268-278.
- Crow, R.,** Grider, S., & Ritter, R. (2010, July). The reorganized Coulter Faculty Center: A data-driven operation. Presented at *Campus Technology 2010 Annual Conference*, Boston, MA.
- Crow, R.** & Cruz, L. (2010, November). Brave new world: Innovative models for integrating pedagogy and technology. Presented at the 35th annual conference, *Professional and Organizational Development in Higher Education*, St. Louis, MO.
- Cruz, L.** & Mokyr, J. (Ed.). (2010). *The birth of Modern Europe: Culture and economy, 1400-1800, essays in honor of Jan de Vries*. Leiden: Brill.
- Cruz, L.** (2010). Death may be eternal: Historians are not. *ADEC forum: The quarterly publication of the Association for Death Education and Counseling*, 36(4).

## D

- Davis, J.** (2010). *Beautiful War: Uncommon Violence, Praxis, and Aesthetics in the novels of Monique Wittig*. New York: Peter Lang.
- Davis, J.** (2010). Jean Genet's funeral fable: The very curious tale of prefatory queerness, power vampires, sexy Nazis and machine guns. *Cultural Perspectives on Film, Literature, and Language*. Will Lehman and Margit Grieb (Eds.). pp. 89-96.
- Dole, S.** & Bloom, L. (2009). Lessons learned from a summer residential camp for highly gifted students. *Gifted Education Communicator*, 40(4).

## E

- Edington, E., Hinds A., **DeCristofaro, C.**, & McDowell, M. (2010, August). What pharmacologic characteristics of propofol contribute to its use as a drug of abuse? Conference poster presented at the national convention of *American Association Nurse Anesthetists (AANA)*, Seattle, WA. Ann Hallyburton is acknowledged in the reference section of the poster.

## F

- Fosegan, A., **DeCristofaro, C.**, McDowell, M. (2010, September) Prevention of succinylcholine associated postoperative myalgia in adults. Conference poster presented at the statewide convention of the *North Carolina Association of Nurse Anesthetists (NCANA)*, Wilmington, NC. Ann Hallyburton is acknowledged in the reference section of the poster.

## G

- Gaetano, M.** (2010). CD audio recording of "Original Works for Percussion." This CD is a result of a WCU Faculty Research Grant. This CD is professionally produced, recorded and mastered. All works composed by Gaetano and performed by Gaetano.
- Gastle, B.** (2010). Gower's business: Artistic production of cultural capital and the tale of Florent. In J. Gower, *Trilingual poet: Language, Translation, and Tradition*. (182-195). E. Dutton, J. Hines, & R.F. Yeager (Eds.). Rochester, NY: Boydell & Brewer.
- Grist, C.L. & **McCord, D.M.** (2010). Individual differences in preschool children: Temperament or personality? *Infant & Child Development*, 19, pp. 265-274.

## H

- Hambrecht, G.** & Rice, T. (2011). *Clinical observation: A guide for students in speech, language, and hearing*. Sudbury, MA: Jones & Bartlett Learning.
- Hambrick, E.P. & **McCord, D.M.** (2010). Proactive coping and its relation to the five-factor model of personality. *Individual Differences Research*, 8(2), pp. 67-77.
- Herzog, H.** (2010). *Some we love, some we hate, some we eat: Why it's so hard to think straight about animals*. New York, NY: Harper.

## J

- Jarvinen, P.** (Artist). (2010). *Silo two seasons*, Painting. Artist's Book based on visual project (MFA thesis) at Tessentee.
- Jarvinen, P.** (2009). *Canebrake I*, Artist's Book. Pinhole photos printed as cyanotypes on rives paper, paste paper, and screenprint on muslin.
- Jarvinen, P.** (2010). *Silo, Two Seasons 2*, Artist's book. Cullowhee, NC. - Varied edition of three - accordion binding, Inkjet prints on 76 lb. LuxArt neutral pH paper, paste paper, monoprint on Rives BFK, Sumi paper, binder's board, ink, silk gauze, ribbon, river cane from Tessentee Bottomland Preserve.
- Jarvinen, P.** (2011). *Local Watershed*, Exhibit of drawings, paintings, prints. Cullowhee, NC. Representative image attached-located on second floor of Hunter Library.



Johnson, A. & **McCord, D.M.** (2010). Relating sense of humor to the five factor theory personality domains and facets. *American Journal of Psychological Research*, 6(1), pp. 32-40.

## K

Kulis, S.S., Marsiglia, F.F., **Kopak, A.M.**, Olmsted, M.E., & Crossman, A. (2011). Ethnic identity and substance use among Mexican-heritage pre-adolescents: Moderator effects of gender and time in the United States. *Journal of Early Adolescence*. Published online first as doi:10.1177/0272431610384484. (in press).

## L

Lenski, S., Wolsey, T.D., Alfaro, C., Chambers, S., Dobler, E., **Scales, R.**, Smetana, L., Grisham, D., Wold, L., Young, J., & Scales, W.D. (2010, December). The impact of teacher education programs on the instructional practices of novice teachers. Alternative format paper presented at the annual meeting of the *Literacy Research Association*, Ft. Worth, TX.

Logan, K., Rich, C., **DeCristofaro, C.**, & Collins, S. (2010, December). Use of propofol and emergence agitation in children: A literature review. *AANA Journal*, 78(6), pp. 468-473. Ann Hallyburton is acknowledged on the reference page.

Lombardo, G.A., & **Mulligan, R.F.** (2010). The public administrator: Regulating for marine transport efficiency. *World Maritime University Journal of Maritime Affairs*, 9(1), pp. 29-44.

Lopez, V., **Kopak, A.**, Robillard, A., Gillmore, M. R., Holliday, R.C., & Braithwaite, R.L. (in press). Pathways to sexual risk taking among female adolescents. *Journal of Youth & Adolescence*. Published online first as doi 10.1007/s10964-010-9623-5.

## M

McWilliams, R. & **Troy, M.** (2011). Health and sustainability. *The Studio Potter*, 39(1), pp. 36-40.

**Menickelli, J.**, Hastie, P., Grube, D., & Claxton, D. (2011). The impact of two teaching styles on physical activity, aerobic fitness and intrinsic motivation. Presented at the *AAHPERD Convention*, San Diego, CA.

**Metcalfe, S.E.** (2010). Educational innocation: Collaborative mentoring for future nursing leaders. *The Journal of Creative Nursing: A Journal of Values, Issues, Experiences & Collaboration*, 16(4), pp. 168-171.

**Miller, S.** (2010). Ideas, funding, and positions: The elements of a successful intellectual movement, and the role of Peter J. Boettke in advancing Austrian Economics. *Journal of Private Enterprise*, 26(1), pp. 67-71.

**Miller, S.** & Caplan, B. (2010). Intelligence makes people think like economists: Evidence from the General Social Survey. *Intelligence*, 36(6), pp. 636-647.

**Miller, S.** (2009). Economic bias and ideology: Evidence from the General Social Survey. *Journal of Private Enterprise*, 25(1), pp. 31-49.

Morse, P., Crolley-Simic, J., **Robinson, J.L.** (2009, November). Interviews conducted with rural Social Work program and Field Directors to identify challenges and solutions. Outcomes of the study were presented at *CSWE* in San Antonio, TX.

**Mulligan, R.F.** (2009). The sensory order and the structure of production: Entrepreneurial planning as a cognitive activity. *Studies in Emergent Order*, 2, pp. 109-141.

**Mulligan, R.F.** (2009). Robbins as innovator: The contribution of an essay on the nature and significance of economic science. *Quarterly Journal of Austrian Economics*, 12(4), pp. 81-88.

**Mulligan, R.F.** (2010). A fractal comparison of real and Austrian business cycle theories. *Physica A: Statistical Mechanics and its Applications*, 389(11), pp. 2244-2267.

**Mulligan, R.F.** (2010). Emergent and instrumental institutions in English constitutional history. *Studies in Emergent Order*, 3, pp. 82-99.

**Mulligan, R.F.** (2011). An Austrian rehabilitation of the Phillips Curve. *The Cato Journal*, 31(1).

**Mulligan, R.F.** & Koppl, R. (2011). Monetary policy regimes in macroeconomic data: An application of fractal analysis. *Quarterly Review of Economics and Finance*, [in press].

**Mulligan, R.F.** (2010). The sensory order: Operational epistemology as an evolutionary adaptation. *Advances in Austrian Economics*, 13, pp. 83-114. William Butos (Ed.), London: Emerald Group Publishing Ltd.

## N

Nuckolls, A.E., Wurzbarger, N., Ford, C.R., Hendrick, R.L., Vose, J.M., & **Kloeppel, B.D.** (2009). Hemlock declines rapidly with hemlock woolly adelgid infestation: Impacts on the carbon cycle of southern Appalachian forests. *Ecosystems*, 12, pp. 179-190.

## P

Parsons, S., Davis, S., **Scales, R.**, Williams, B., & Kear, K. (2010). How and why teachers adapt their literacy instruction. In S. Szabo, M.B. Sampson, M. Foote, & F. Falk-Ross (Eds.), *Mentoring Literacy Professionals: Continuing the Spirit of CRA/ALER After 50 Years*, 31, pp. 221-236. Commerce, TX: Association of Literacy Educators and Researchers.

Parsons, S., Massey, D., **Scales, R.**, Vaughn, M., Faircloth, B., Howerton, S., Griffith, R., & Atkinson, T. (2011). Developing teachers' adaptability in graduate courses. *Journal of School Connections*, 3(1).

Parsons, S., Malloy, J.A., **Scales, R.**, Vaughn, M., & Faircloth, B. (2010, December). Resolve and resiliency: Visioning as a means of enhancing preservice teachers' adaptability. In E. Hughes (Chair), Making Teaching Real: Authentic Experiences in Literacy Teacher Education. Symposium session presented at the annual meeting of the *Literacy Research Association*, Ft. Worth, TX.

## R

**Reisinger, C.B.** (2010). *Global outreach: Western Carolina University and the Inter-Regional Center*. Cullowhee, NC: WCU.

**Reitz, C.** (2010). Jennifer Higdon's Pulitzer Prize winning violin concerto: A journey of discovery and leap of inspirations. *International Alliance for Women in Music Journal*, 16(2), pp. 1-8.

Roberts, C., Adams, E., Nichols, J., & **Zanin-Yost, A.** (2010, February). Evidence-based learning and teaching benchmark to student learning. Presented at the *Lilly Conference on College and University Teaching*, Greensboro, NC.



Roth, D., Hatch, A., **DeCristofaro, C.**, & Collins, S. (2010, September). What non-therapeutic drug effects are seen with fospopofol for moderate sedation? Conference poster at the statewide meeting for the *North Carolina Association of Nurse Anesthetists (NCANA)* in Wilmington, NC. Ann Hallyburton is acknowledged in the Reference section of the poster.

## S

- Sam, T.** & Hunter, C.N. (2010, March). Enhancing and mobilizing white professionals toward multicultural practices: Enhancing psychologist and teacher training. Presented as a poster session at the *National Black Graduate Student Conference*, San Diego, CA.
- Scales, R.**, Parsons, S., Kear, K., & Williams, B. (2010, November). Teachers' instructional adaptations during literacy instruction. A roundtable paper presented at the annual meeting of *The National Council of Teachers of English*, Orlando, FL.
- Scheck, A.M., Malesky, L.A., Grist, C.L., & **McCord, D.M.** (2010). Personality in pre-school children: Preliminary psychometrics of the M5-PS questionnaire. *American Journal of Psychological Research*, 6(1), pp. 134-156.
- Shuler, G.A. & **McCord, D.M.** (2010). Determinants of male attractiveness: "Hotness" ratings as a function of perceived resources. *American Journal of Psychological Research*, 6(1), pp. 10-23.
- Sinchuk, K., Dudley, R., Graham, J., Clare, M., Woldeyohannes, M., Schenk, J., Ingel, R., **Yang, W.**, & Fiddy, M. (2010). Tunable negative group index in metamaterial structures with large form birefringence. *Optics Express*, 18, pp. 463-472.
- Socha, A., Copper, C.A., & **McCord, D.M.** (2010). Confirmatory factor analysis of the M5-50: An implementation of the IPIP item set. *Psychological Assessment*, 22(1), pp. 43-49.

## T

- Tapley, E.** *Quilt from marbled fabric*. Quilt shows various methods of marbling print. Print shows experiments with marbling as related to wax resist, dispersion and saline solutions.
- Tomczak, K.** (2010). Once Rockette, Always a Rockette" [Video compilation of dance scholarship]
- Troy, M.** & Phipps, M. (2010). Validity of Petzoldt's energy mile theory. *Journal of Outdoor Recreation, Education, and Leadership*, 2(3), pp. 245-260.

## U

- Unruh, L.E., & **McCord, D.M.** (2010). Personality traits and beliefs about diversity in pre-service teachers. *Individual Differences Research*, 8(1), pp. 1-7.

## V

- Vaske, J.**, Newsome, J., & Wright, J.P. (2011). The role of 5TTLPR and childhood neglect on criminal behavior and substance abuse for males and females. *Development and Psychopathology*. [in press].
- Vakse, J.**, Wright, J.P., Boisvert, D., & Beaver, K.M. (2010). Gender, genetic risk, and criminal behavior. *Psychiatry Research*, 185(3), pp. 376-381.
- Vaske, J.**, Galyean, K., & Cullen, F.T. (2011). Toward a biosocial theory of fender rehabilitation; why does cognitive-behavioral therapy work? *Journal of Criminal Justice*, 39(1), pp. 90-102.

## W

- Williams, B., Parsons, S., **Scales, R.Q.**, Malloy, J., Vaughn, M., Howerton, S., & Faircloth, B. (2010, November). Expanding the view of adaptive literacy education. A symposium presented at the annual meeting of the *Association of Literacy Educators & Researchers*, Omaha, NB.
- Woldeyohannes, M., Schenk, J.O., Ingel, R.P., Rigdon, S.P., Pate, M., Graham, J.D., Clare, M., **Yang, W.**, & Fiddy, M.A. (2011). Internal field distribution measurement in 1-D strongly anisotropic sub-wavelength periodic structures of finite length. *Optics Express*, 19, pp. 81-92.
- Wright, L.** (2010). *Wilderness into civilized shapes: Reading the postcolonial environment*. Athens, GA.: University of Georgia Press.
- Wright, L.** & Heffelfinger, E. (2010). *Visual difference: Postcolonial studies and intercultural cinema*. New York: Peter Lang.

## Y

- Yang, W.**, Huang, Y., Adams, R.D., Zhang, J.Z., & Burbank, K. (2010). Computer-assisted teaching and learning of abstract photonics waveguide theory in undergraduate engineering technology program. *World Transactions on Engineering and Technology Education*, 8, pp. 145-149.
- Yang, W.**, Martin, A., Adams, R.D., Zhang, J.Z., & Burbanks, K. (2010). A case study on intentional learning in engineering and technology education. *World Transactions on Engineering and Technology Education*, 8, pp. 61-66.
- Yates, J.K.** (2011). *Engineering and construction law and contracts*. Upper Saddle River, New Jersey: Prentice Hall/Pearson Publishing.

## Z

- Zanin-Yost, A.** (2010). Library 2.0: Blogs, wikis, and RSS to serve the library. *Library Philosophy and Practice*. Retrieved from <http://www.webpages.uidaho.edu/~mbolin/zanin-yost2.htm>.
- Zanin-Yost, A.** & Tapley, E. (2009, November). Teaching and learning in the visual arts: A multisensory approach. Presented at the *Arts Librarians of North America Southeast Conference*, Savannah, GA.
- Zanin-Yost, A.** & Leonard, E. (2010, November). Roundup in the library: A design completion. Presented at the *Arts Librarians of North America Southeast Conference*, Cartersville, GA.
- Zanin-Yost, A.**, Caviness, C., & Kinney, K. (2010). *ArtsGuide*, San Diego. Association of College and Research Libraries, Art Section.
- Zanin-Yost, A.** (2010). Liaison for the visual arts: Responding to the needs of diverse demands. In A. Gluibizzi & P. Glassman (Eds.), *The Handbook of Art and Design Librarianship* (29-38). London: Facet Publishing.
- Zanin-Yost, A.** (2010). Il reference interattivo in biblioteca: un'esperienza internazionale (Reference online in the library: An international experience). In W. Morgese & M. A. Abenante (Eds.), *I workshop di teca: 8 focus per le biblioteche* (217-220). Bari, Italy: Associazione Italiana Biblioteche.

