

# James Edward Osler II

## Curriculum Vitae

*Professor, North Carolina Central University  
School of Education, Department of Curriculum & Instruction  
Current Information Update as of: February 22<sup>nd</sup>, 2019*

### CLERGY

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#### *North East Baptist Church*

**Location:** Durham, NC; **License:** To Preach the Gospel Ministry  
**Initial Sermon:** April 2014.

### EDUCATION

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#### *North Carolina State University*

**Location:** Raleigh, NC; **Degree:** Doctor of Education; **Area:** Technology Education;  
**Concentration:** Occupational Education with a concentration in Instructional Technology,  
and an emphasis on Educational Research  
**Graduation:** December 1996 [with Honors: “Magna Cum Laude”];

#### *North Carolina Central University*

**Location:** Durham, NC; **Degree:** Master of Arts; **Area:** Educational Technology;  
**Concentration:** Instructional Design with a concentration in Instructional Technology,  
and an emphasis on Educational Research  
**Graduation:** May 1991 [with Honors: “Magna Cum Laude”]; and

#### *North Carolina Central University*

**Location:** Durham, NC; **Degree:** Bachelor of Arts; **Area:** Art;  
**Concentration:** Studio with a concentration in Design, Painting, Illustration, and an  
emphasis on Art History  
**Graduation:** May 1990 [with Honors: “Magna Cum Laude”].

### QUALIFICATIONS

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#### *University of North Carolina at Chapel Hill, Graduate: (Leadership Professional Development)*

**Location:** Chapel Hill, NC; **Graduate:** University Management Development Program  
**Graduation:** December 2002; and

#### *Advance Learning Interactive Learning Systems Online, Certified Graduate: (Statistics)*

Galway Technology Park; (Parkmore) Galway, IE;  
**Diploma:** Statistics  
**Completion:** March 2015.

### LICENSES

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#### *North East Baptist Church*

**Location:** Durham, NC; **License to Preach:** The Gospel Ministry

#### *North Carolina Department of Public Instruction [NCDPI]*

**Location:** Raleigh, NC;  
**K–12 Public School Professional Teaching Licenses:**  
810 Art Education K–12; 077 Instructional Technology Specialist-Computers; and 079  
Special Endorsement in Computer Education [Periodical: Renewable]; and

#### *University of North Carolina System of Higher Education [UNC–GA]*

**Location:** Chapel Hill, NC; **License:** License to Proctor Course Tests  
**Completion:** August 2013 – August 2018.

**CERTIFICATIONS**

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***The Entrepreneurial Learning Initiative, NCIDEA: ICE House © Entrepreneurial Program***

**Location:** Durham, NC; **Certificate (Entrepreneurial Mindset Facilitator Certification):** The certification authorizes.

**Completion:** December 2018 – Present [Permanent];

**Location:** Durham, NC;

**Certificate (Entrepreneurial Mindset Facilitator Certification Training):** Authorization to Facilitate the ICE House Entrepreneurship Programs © sponsored by NCIDEA and The Entrepreneurial Learning Initiative.

***North Carolina Central University [NCCU], Office of Faculty Professional Development***

**Location:** Durham, NC; **Certificate (Connecting Cooperative Learning with Problem Based Learning):** Integrating Cooperative Learning Strategies with the Implementation of Problem-Based Learning and Project-Based Learning in the Collegiate Learning Environment.

**Completion:** January 2017 – Present [Permanent];

**Location:** Durham, NC;

**Certificate (Kagan Certificate – “Discover Kagan: School Teams™”):** Implementation of Kagan Cooperative Learning Strategies to Enhance Learning and the Establish Greater Interaction in the Collegiate Learning Environment.

**Completion:** January 2017 – Present [Permanent]; and

**Location:** Durham, NC;

**Certificate (Problem/Project Based Learning at the Collegiate Level):** Implementation of Problem-Based Learning, Project-Based Learning, and the ARC Model in the Collegiate Learning Environment.

**Completion:** November 2016 – Present [Permanent];

***Northstar Digital Literacy Project***

**Location:** St. Paul, MN;

**Certifications (Education w/Badges Earned for Digital Literacy Modules):** Computer Basics; World Wide Web; Windows 7; Mac OS X; Using Email; Microsoft Word; Microsoft Excel; and Microsoft PowerPoint.

**Completion:** March 2016 – Present [Permanent];

***Advanced Learning Interactive Systems Online [ALISON] Certified Graduate***

**Location:** Galway Technology Park; (Parkmore) Galway, IE; **Certifications:** Psychology: Research Methods; [MIT] Scratch – Teach Computer Programming in Schools; Introduction to Instructional Systems Design; and Probability & Statistics

**Completion:** March 2015 – Present [Permanent];

***North Carolina Council of Teachers of Mathematics [NCCTM]***

**Location:** Raleigh, NC; **Certificate:** Presenter at the 2015 NCCTM Regional Conference

**Completion:** February 2015 – Present [Permanent];

***Clarivate Analytics – InCites – Thomson Reuters: Research Expertise Identifier: [REI]***

**Location:** New York, NY [Toronto, CA]; REI: ResearcherID for Grants, Peer Reviewed Publications, Web of Science™, and EndNote®

**Completion:** January 2015 – [Permanent];

***Asia Pacific Education Review [Reviewer]***

**Location:** Seoul, Korea; (Seoul National University: Education Research Institute [ERI]);

**Reviewer:** For Refereed Journal

**Completion:** October 2015 – Present [Renewable];

***Interdisciplinary Journal of Teaching and Learning [Board of Reviewers]***

**Location:** Baton Rouge; (Southern University and A&M College), LA;

**Board of Reviewers and Reviewer:** For Refereed Journal

- Completion:** March 2014 – Present [Annually: Renewable];  
***i-Manager’s Journal of Educational Technology [Editorial Board and Reviewer]***  
**Location:** Nagercoil; (Kanyakumari District) TamilNadu, IN;  
**Reviewer:** For Refereed Journal  
**Completion:** August 2013 – Present [Annually: Renewable];  
***i-Manager’s Journal on School Educational Technology [Editorial Board and Reviewer]***  
**Location:** Nagercoil; (Kanyakumari District) TamilNadu, IN;  
**Editorial Board and Reviewer:** For Refereed Journal  
**Completion:** August 2013 – Present [Annually: Renewable];  
***Microsoft Incorporated***  
**Location:** Redmond, WA; **Certification:** Digital Literacy (DL), Microsoft Innovative Educator (MIE) [Digital Badge Earned]  
**Completion:** (DL) August 2009 – Present [Permanent], and (MIE) April 2016 – Present [Permanent];  
***National Institutes of Health [NIH] Office of Extramural Research***  
**Location:** Bethesda, MD;  
**Certification:** Protecting Human Subjects Research Certification  
**Completion:** August 2007 – Present [Periodical: Renewable];  
***Collaborative Institutional Training Initiative [CITI] Program***  
**Location:** Miami, FL;  
**Certification:** Human Subjects Research Certification  
**Completion:** August 2007 – Present [Periodical: Renewable]; and  
***University of North Carolina [UNC] at Chapel Hill***  
**Location:** Chapel Hill, NC;  
**Certification:** University Management Development Program  
**Completion:** December 2002 – Present [Permanent].

## **SCHOLARSHIP**

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### **Overall Impact of Research:**

**Global Impact Factor of Published Refereed Research – 22 publications** indexed with **81 citations** are currently listed for James E. Osler II, Ed.D.—as measured by Harzing’s “Publish or Perish” via Google Scholar index query (as of August of 2017). The most popular publically available refereed journal article is from 2013 and is entitled, “***A Tri-Squared Analysis to Establish the Need for a Statistical Framework for K-20 Faculty as Academic Leaders***”. Currently, it has been downloaded a grand total of **3,373 times** and has **4,474 views and has a “GBIF” or “Google Base Impact Factor” of 0.96** (on a 1.00 scale, with **Citations listed at: 5,464 and Refereed Articles listed at: 1,545**). Additionally, Osler’s published IGI Global book chapters (see the refereed ***Book Chapters Published*** section) are included in the **SCOPUS** research database. According to IGI Global: “Scopus is the largest abstract and citation database of peer-reviewed literature: scientific journals, books and conference proceedings. To be included in **SCOPUS**, publications must include the most up-to-date and highest quality interdisciplinary research. It helps publications increase visibility and track their performance.” **The most popular and cited international refereed published research article is from 2012 in the Journal on Mathematics** entitled, “***Trichotomy-Squared – A Novel Mixed Methods Test and Research Procedure Designed to Analyze, Transform, and Compare Qualitative and Quantitative Data for Education Scientists who are Administrators, Practitioners, Teachers, and Technologists***” according to i-manager publications.

**Publications: Research Articles** [Refereed (in or discipline related)]

### **Published:**

Osler, J. E., Mutisya, P. & Beyerlein, S. (In Press, 2019). Application of the Tri-Square Method

- in Measuring Changes in Learner Performance. *The International Journal of Process Education Press*.
- Osler, J. E. (2018). Trioengineering Interapplication and Comprehensive Cohesive Cogitation: The Use of Systemic Neuromathematical Trioinformatics to Create, Define, and Express Trichotomous Research Instrumentation and Tri-Squared Analytics. *July–September i-manager’s Journal on Mathematics*, 7 (3), pp. 10–29.
- Osler, J. E. (2018). Trioengineering: The Procedures that Use Trioinformatics Neuroengineering Neuromathematics Notation to Express, Build, Define, and Inform the Application of the Trichotomous–Based Inquiry in Digital Research Design. *September–November i-manager’s Journal on Circuits and Systems*, 6 (4), pp. 1–15.
- Osler, J. E. & Mutisya, P. M. (2018). The Measurement of a Novel Conceptual Framework Entitled: “Process Education: Learning to Learn” via an Explicative Encyclopedia of Innovative Triostatistical Methods, Models, Metrics, and Statistical Procedures. *July–September i-manager’s Journal of Educational Technology*, 15 (2), pp. 27–42.
- Osler, J. E. (2018). The Tri–Sigma Test: The Triple–Sigma Trichotomous Triostatistic for the Viability, Verifiability, and Validity of Multiple Tri–Squared Test Outcomes. *January–March i-manager’s Journal on Mathematics*, 7 (1), pp. 1–12.
- Osler, J. E. (2018). The Regular Quadrilateral Function of E–Learning Engineering: The Mathematical Conjunction of Accumulation and Advancement that Defines the Logic, Rationale, and Active Infometrics of Information Delivery in the Digital Age. *i-manager’s January–March Journal on Educational Technology*, 14 (4), pp. 36–52.
- Osler, J. E. (2017). The Coefficient of Consociation: The Novel Statistic that Measures Uniformity through Neuroscientific Tri–Point Triangulation to Define, Explain, and Express the Research Application of the Law of Trichotomy. *i-manager’s January–March Journal on Mathematics*, 6 (4), pp. 1–17.
- Osler, J. E. (2017). Tri–Assessment Analysis: An Innovative Model for Inquiry and Confirmatory Data Analysis via The Novel Tri–Mentoring Model Designed to Measure Mentoring Efficacy. *i-manager’s May–July Journal on Educational Psychology*, 11 (1), pp. 26–39.
- Privette, C., Bridges-Bond, S., Gillespe, R., & Osler J. (2017). Self-Assessment of Cultural Responsiveness in Speech-Language Pathology. *Journal of the National Black Association for Speech-Language and Hearing*, 12 (2), pp. 58–78.
- Osler, J. E. (2017). A Base Index of Iterative and Recursive Trichotomous Relations for the Repeated Measurement of the Digital Application, Construction, and Dissemination of the Tri–Squared Test. *i-manager’s April–June Journal on Mathematics*, 6 (2), pp. 1–16.
- Osler, J. E., (2017). Triangular Equation Modeling [TEM]: The Base Operation, Basic Rationale, and Foundational Logic that is the Basis for “Research Architectural Metrics” that are Essential to the Planning, Scope, and Schema of Trichotomous Research Designs. *i-manager’s July–September Journal on Mathematics*, 6 (3), pp. 1–11.
- Mutisya, P. M. & Osler, J. E. (2017). Academic Freedom and Shared Governance: A Framework to Reclaim Academic Prestige in the Academy. *i-manager’s March–May Journal on School Educational Technology*, 12 (4), pp. 35–48.
- Osler, J. E. (2017). An Innovative Psychometric Model for Algorithmic Repetitive Mastery Testing. *i-manager’s February–April Journal on Educational Psychology*, 10 (4), pp. 19–28.
- Osler, J. E. (2017). Triology: A Novel, Innovative, and In–Depth Science Concerned with the Mathematical Triadic, Tripartite, and Triplex Components, Content, and Cycles of Life, Learning, Logic, and the Universal Aspects of Nature. *i-manager’s January–March Journal on Mathematics*, 6 (1), pp. 1–17.
- Osler, J. E. (2016). A Methodology to Statistically Analyze Critical Race Theory Outcomes for Leadership Studies: Trichotomy–Squared – A Novel Mixed Methods Test and Research Procedure Designed to Transform Qualitative Data into Quantitative Outcomes for

- Educators, Practitioners, Technologists, and Social and Behavioral Scientists. *NAPE (National Association for Peace/Anti-Violence Education): Journal of Education and Social Justice*, 4 (1), pp. 72–81.
- Osler, J. E. (2016). Advanced Tri–Analytic Trichotomous Post Hoc Repeated Measures for Tri–Squared Test Inventive Investigative Instrument Items Using Trichotomous Variation Analysis [Trivariate Analysis]. *October–December i-manager’s Journal on Mathematics*, 5 (4), pp. 30–46.
- Osler, J. E. (2016). The “Intentionality Measurement Instrument” [or “IMI”]: A Comprehensive Psychometric Instrument Based Upon the Dual Quadrant Scalar Model of Intentionality that is Designed to Measure Intent, Motive Type, and Disposition. *August–October 2016 Journal on Educational Psychology*, 10 (2), pp. 9–23.
- Osler, J. E. (2016). The 4A Metric Algorithm: A Unique E–Learning Engineering Solution Designed via Neuroscience to Counter Cheating and Reduce Its Recidivism by Measuring Student Growth through Systemic Sequential Online Learning. *i-manager’s September–November Journal of Educational Technology*, 12 (2), pp. 44–61.
- Osler, J. E. (2016). The Mathematics of the Tri–Squared Triangulation Algorithmic Model. *i-manager’s July–September Journal on Mathematics*, 5 (3), pp. 8–26.
- Osler, J. E. (2016). MULTRICOR [“Multiple Trichotomous Correlation” Analysis]: The Post Hoc Examination and Measurement of Statistically Significant Tri–Squared Tests to Determine the Total and Internal Strength of Relationships between Trichotomous Variables Used for Dynamic Psychometric Circuit Assessment. *i-manager’s December–February Journal on Circuits and Systems*, 4 (1), pp. 1–11.
- Osler, J. E., (2016). TRIMOD [Trichotomous–Cubic Parametric Model]: A Systemic Advanced Tri–Coordinate Post Hoc Data Morphological Analytic and Trend Analysis Procedure Designed to Comprehensively Analyze Tri–Squared Test Results. *i-manager’s April–June Journal on Mathematics*, 5 (2), pp. 6–18.
- Osler, J. E. & Wright, M. A. (2016). Neuro–Holistic Learning ©: An Integrated Kinesthetic Approach to Cognitive Learning © using Collaborative Interactive Thought Exchange © in a Blended Environment to Enhance the Learning of Young African American Males. *i-manager’s January–March Journal of Educational Technology*, 12 (4), pp. 1–9.
- Osler, J. E. (2016). The Trichotomous–Cubed Test [Tri<sup>3</sup>]: An Advanced Statistical Data Analysis Methodology for Tri–Coordinate Meta–Analysis Using the Tri–Squared Test. *i-manager’s January–March Journal on Mathematics*, 5 (1), pp. 6–19.
- Osler, J. E. (2015). Trichotomous Charge States: The Novel Trioinformatics Application of Neuroengineering Neuromathematics Notation to Express and Expound Polyphase Electrical Systems and Tri–State Buffers for Digital Circuit Design. *i-manager’s September–November Journal on Circuits and Systems*, 3 (4), pp. 1–19.
- Osler, J. E. (2015). Neuroengineering Neuromathematics Notation: The Novel Trioinformatics System that Defines, Explains, and Expresses the Research Application of the Law of Trichotomy for Digital Instrumentation and Circuit Design. *i-manager’s June–August Journal on Circuits and Systems*, 3 (3), pp. 1–16.
- Osler, J. E. & Mason, L. R. (2015). Neuromathematical Trichotomous Mixed Methods Analysis: Using the Neuroscientific Tri–Squared Test Statistical Metric as a Post Hoc Analytic to Determine North Carolina School of Science and Mathematics Leadership Efficacy. *i-manager’s November 2015–January 2016 Journal on Educational Psychology*, 9 (3), pp. 42–59.
- Osler, J. E. (2015). Trichotomous Visual Analytics [TVA]: Visual Statistical Cumulative Data Analysis via the Tri–Squared Calculator © a Digital Instrument Designed to Present the Outcomes of the Tri–Squared Test. *i-manager’s December 2015–February 2016 Journal on Electronics Engineering*, 6 (2), pp. 13–21.

- Osler, J. E. (2015). AMOVA [“Accumulative Manifold Validation Analysis”]: An Advanced Statistical Methodology Designed to Measure and Test the Validity, Reliability, and Overall Efficacy of Inquiry–Based Psychometric Instruments. *i-manager’s October–December Journal of Educational Technology*, 12 (3), pp. 37–47.
- Osler, J. E. & Mansaray M. A. (2015). ESET: [Eagles Student Evaluation of Teaching]—An Online Andragogical Student Ratings of Instruction Tool that is an In–Depth Systemic Statistical Mechanism Designed to Inform, Enhance, and Empower Higher Education. *i-manager’s September–November Journal of Educational Technology*, 11 (2), pp. 29–47.
- Osler, J. E., (2015). A Digital Computational Design Psychometric for the Calculation of Electronic Tri–Squared Test Outcomes via the Trichotomous Invariant Instrument Inequality [Tri–Triple I] Formula. *i-manager’s October–December Journal on Mathematics*, 4 (4), pp. 1–8.
- Osler, J. E. (2015). Trichotomous Bayes Factor Analysis [Tri–BFA]: A Post Hoc Probability Confirmatory Data Analysis Assurance Model Designed to Determine the Validity, Viability, and Verifiability of E–Learning Hypotheses. *i-manager’s September–November Journal on Electronics Engineering*, 6 (1), pp. 7–14.
- Osler, J. E. (2015). Trichotomous Exploratory Data Analysis [Tri–EDA]: A Post Hoc Visual Statistical Cumulative Data Analysis Instrument Designed to Present the Outcomes of Trichotomous Investigative Models. *i-manager’s May–July Journal on Instrumentation and Control Engineering*, 3 (3), pp. 11–20.
- Osler, J. E. (2015). Biotrichotomy: The Neuroscientific and Neurobiological Systemology, Epistemology, and Methodology of the Tri–Squared Test and Tri–Center Analysis in Biostatistics. *i-manager’s August–October Journal on Educational Psychology*, 9 (2), pp. 40–50.
- Osler, J. E. (2015). Introducing TRICOVA: “Trichotomous Covariance” A Post Hoc Advanced Statistical Test of Qualitative and Quantitative Group Variances to Determine the Strength of the Relationships between Variables of the Tri–Squared Test. *i-manager’s July–September Journal on Mathematics*, 4 (3), pp. 1–15.
- Osler, J. E. & Wright, M. A. (2015). Dynamic Neuroscientific Systemology: Using Tri–Squared Meta–Analysis and Innovative Instructional Design to Develop a Novel Distance Education Model for the Systemic Creation of Engaging Online Learning Environments. *i-manager’s July–September Journal of Educational Technology*, 12 (2), pp. 42–55.
- Osler, J. E. (2015). Introducing Tri–Factor Analysis: A Model and Statistical Test of Performance, Efficacy, and Content for Electronics and Digital Learning Ecosystems. *i-manager’s March–May Journal on Electronics Engineering*, 5 (3), pp. 1–11.
- Osler, J. E. (2015). Trioinformatics: The Innovative and Novel Logic Notation that Defines, Explains, and Expresses the Rational Application of the Law of Trichotomy for Digital Instrumentation and Circuit Design. *i-manager’s March–May Journal on Circuits and Systems*, 3 (2), pp. 1–7.
- Hinton, H. & Osler, J. E., (2015). A Qualitative and Mixed Methods Analysis of the Perceptions of the Effectiveness of the Student Athlete Leadership Academy [SALA]: A Character Development and College Preparatory Program for Young African American Men. *i-manager’s March–May Journal on School Educational Technology*, 10 (4), pp. 7–21.
- Osler, J. E. (2015). TRICOM: “Trichotomous Comparative Oneness of Measurement” The Functional Analysis of Trichotomous Squared Single Case Research for the Application of the Tri–Squared Test to Single Subject Research Designs. *i-manager’s April–June Journal on Mathematics*, 4 (2), pp. 11–21.
- Osler, J. E. (2015). Introducing MULTICOVA: “Multiple Trichotomous Coefficient of Variation Analysis” The Advanced Post Hoc Test of the Tri–Squared Coefficient of Variation. *i-manager’s January–March Journal on Mathematics*, 4 (1), pp. 11–31.
- Hollowell, G. P., Osler, J. E., & Hester, A. L. (2015). Computational and Genomic Analysis of

- Mycobacteriophage: A Longitudinal Study of Technology Engineered Biology Courses that Implemented an Inquiry Based Laboratory Practice Designed to Enhance, Encourage, and Empower Student Learning. *i-manager's January–March Journal of Educational Technology*, 11 (4), pp. 38–57.
- Osler, J. E. & Mansaray M. A. (2015). Educational Technology Assessment: A Model for Analyzing Online Psychometric Tests for Course Evaluations. *Handbook of Research on Educational Technology Integration and Active Learning*, Edited by Keengwe S. J., pp. 215–246.
- Osler, J. E. (2014). Introducing TRINOVA: “Trichotomous Nomographical Variance” A Post Hoc Advanced Statistical Test of Between and Within Group Variances of Trichotomous Categorical and Outcome Variables of a Significant Tri–Squared Test. *i-manager's October–December Journal on Mathematics*, 3 (4), pp. 1–14.
- Osler, J. E. (2014). Trichotomous Progression Analysis: An Advanced Comprehensive Statistical Post Hoc Measure of the Tri–Squared Test. *i-manager's July–September Journal on Mathematics*, 3 (3), pp. 7–20.
- Bridges-Bond, S., Gillespie, R., Speller, J., Osler, J. & Scheft, T. (2014). Authenticity, Identity, and Community: The Perception of Dialect by HBCU College Students. *ECHO (The Official Journal of the National Black Association for Speech-Language and Hearing)* Winter, 9 (2), pp. 43–53.
- Osler, J. E. (2014). The Trimetric Tri–Squared Test: An Advanced Post Hoc Exact Test Designed to Statistically Determine Construct Validity. *i-manager's April–June Journal on Mathematics*, 3 (2), pp. 27–35.
- Osler, J. E. & Webb, R. L. (2014). An In–Depth Qualitative and Quantitative Analysis to Determine the Factors that Affect the Existence of African American Women Superintendents in the North Carolina K–12 Public School System. *i-manager's September–November Journal on School Educational Technology*, 10 (2), pp. 17–37.
- Osler, J. E. (2014). Triostatistics: The Application of Innovative In–Depth Advanced Post Hoc Statistical Metrics for the Assessment and Analysis of Statistically Significant Tri–Squared Test Outcomes. *Kentucky Journal of Excellence in College Teaching and Learning*, 12 (3), pp. 27–39.
- Osler, J. E. & Mansaray M. A. (2014). Educational Technology Assessment: Analyzing Online Psychometric Tests via the Trichotomy–Squared Advanced Statistical Analysis of Student Ratings of Instruction. *Handbook of Research on Educational Technology Integration and Active Learning*. IGI Global: Disseminator of Knowledge. Hershey, Penn.
- Osler, J. E. & Mansaray M. A. (2014). A Model for Determining Teaching Efficacy through the Use of Qualitative Single Subject Design, Student Learning Outcomes, and Associative Statistics. *i-manager's June–August Journal on School Educational Technology*, 10 (1), pp. 22–35.
- Osler, J. E. (2014). Tri–Center Analysis: Determining Measures of Trichotomous Central Tendency for the Parametric Analysis of Tri–Squared Test Results. *i-manager's April–June Journal of Educational Technology*, 11 (1), pp. 23–30.
- Osler, J. E., (2014). Calculating Tri–Symmetrical Analytics: A Guide into the In–Depth Processes Associated with the Post Hoc Advanced Statistical Metrics Used to Determine the Value of Significant Tri–Squared Tests. *i-manager's January–March Journal on Mathematics*, 3 (1), pp. 14–26.
- Mutisya, P. M., Osler, J. E., Bitting, P. F. & Rotich, J. P. (2014). The Need for a Conceptual Framework for Leadership and Shared Governance between Faculty and Administrators. *The International Journal of Process Education*, 6 (1), pp. 43–52.
- Osler, J. E. (2013). Proximal Positive Parallel Notation: A Novel Method of Expressing Mathematical Complements, Collaborations, and Combinations. *i-manager's October–December Journal on Mathematics*, 2 (4), pp. 21–31.

- Osler, J. E. (2013). Tri-Squared Mean Cross Comparative Analysis: An Advanced Post Hoc Qualitative and Quantitative Metric for a More In-Depth Examination of the Initial Research Outcomes of the Tri-Square Test. *i-manager's October-December Journal of Educational Technology*, 10 (3), pp. 35-41.
- Davis, C. E. & Osler J. E. (2013). Investigating Pre-Service Candidates' Images of Mathematical Reasoning: An In-Depth Online Analysis of Common Core Mathematics Standards. *i-manager's September-November Journal on School Educational Technology*, 9 (2), pp. 29-39.
- Osler, J. E. & Mansaray M. A. (2013). Technology Engineering Online Learner Metrics to Analyze Instructional Efficacy. *i-manager's July-September Journal of Educational Technology*, 10 (2), pp. 43-59.
- Osler, J. E. & Mansaray M. A. (2013). The Application of Online Psychometric Tests: An Analysis of Student Ratings of Instruction. *i-manager's November-January Journal on Educational Psychology*, 7 (3), pp. 32-50.
- Osler, J. E. & Mansaray M. A. (2013). Applied Mathematical Statistical Modeling to Determine the Validity and Reliability of Independent Instructional Measures. *i-manager's July-September Journal on Mathematics*, 2 (3), pp. 12-31.
- Osler, J. E. (2013). Transformational Research Engineering: Research Design Metrics for In-Depth and Empowering K-12 Teacher Professional Development. *i-manager's June-August Journal on School Educational Technology*, 9 (1), pp. 43-60.
- Osler J. E. & Russell S. (2013). An Investigation on the Impact of the Socio-Psychological Effects of Teacher Disposition on the Academic Performance of Students in a Diversely Populated Elementary School. *i-manager's May-July Journal on Educational Psychology*, 7 (1), pp. 23-33.
- Osler, J. E. (2013). An Algorithmic Engineering Model for Application Testing Metrics. *i-manager's April-June Journal on Software Engineering*, 7 (4), pp. 24-30.
- Osler, J. E. (2013). Algorithmic Triangulation Metrics for Innovative Data Transformation: Defining the Application Process of the Tri-Squared Test. *i-manager's April-June Journal on Mathematics*, 2 (2), pp. 10-16.
- Osler, J. E. (2013). The Triangulation Algorithmic: A Transformative Function for Designing and Deploying Effective Educational Technology Assessment Instruments. *i-manager's April-June Journal of Educational Technology*, 10 (1), pp. 46-54.
- Osler, J. E. & Mutisya, P. M. (2013). A Tri-Squared Analysis to Establish the Need for a Statistical Framework for K-20 Faculty as Academic Leaders. Special Edition: "Instructional Technique and Technologies". *August Journal of Creative Education (Special Issue on Instructional Technique and Technologies)*, 4 (8A), pp. 12-18.
- Osler, J. E. & Waden, C. (2013). Determining the Outcomes of an Innovative Solution for At Risk Students: Using Tri-Squared Statistical Analysis to Verify the Impact of Ninth Grade Freshman Academies, Centers, and Center Models upon Minority Student Retention and Achievement. *i-manager's March-May Journal on School Educational Technology*, 8 (4), pp. 6-15.
- Osler, J. E. (2013). The Psychometrics of Educational Science: Designing Trichotomous Inventive Investigative Instruments for Qualitative and Quantitative for Inquiry. *i-manager's December-February Journal on School Educational Technology*, 8 (3), pp. 15-22.
- Osler, J. E. (2013). The Psychological Efficacy of Education as a Science through Personal, Professional, and Contextual Inquiry of the Affective Learning Domain. *i-manager's February-April Journal on Educational Psychology*, 6 (4), pp. 36-41.
- Osler, J. E., Hollowell, G. P. & Nichols, S. M. (2012). Technology Engineering in Science



Education: Where Instructional Challenges Interface Nonconforming Productivity to Increase Retention, Enhance Transfer, and Maximize Student Learning. *i-manager's July–September Journal of Educational Technology*, 9 (2), pp. 31–39.

- Osler, J. E. (2012). Trichotomy–Squared – A Novel Mixed Methods Test and Research Procedure Designed to Analyze, Transform, and Compare Qualitative and Quantitative Data for Education Scientists who are Administrators, Practitioners, Teachers, and Technologists. *i-manager's July–September Journal on Mathematics*, 1 (3), pp. 23–31.
- Osler, J. E. & Waden, C. (2012). Using Innovative Technical Solutions as an Intervention for At Risk Students: A Meta–Cognitive Statistical Analysis to Determine the Impact of Ninth Grade Freshman Academies, Centers, and Center Models upon Minority Student Retention and Achievement. *i-manager's September–November Journal on School Educational Technology*, 7 (3), pp. 11–23.
- Osler J. E., Bull P. H. & Eaton, D. (2012). Dynamic Educational Collaboration between University and High School Faculty Promoting Partnership in Teaching and Learning in the 21st Century. *i-manager's March–May Journal on School Educational Technology*, 7 (4), pp. 34–48.
- Osler, J. E., Hollowell, G. P., and Palmer, C. (2008). Technology Engineering K–12 Science. *i-manager's July–August Journal on School Educational Technology*, 4 (1), pp. 12–17.
- Osler, J. E. (2006). Technology Engineering: A Paradigm Shift to Promote Academic Freedom in the Information Age. *The 2006 South Atlantic Philosophy of Education Society Annual Yearbook*, 51 (51), pp. 92–98.
- Bull, P., Eaton, D. & Osler, J. (2003). Faculty Technology Development and Integration: Perceptions of HBCU School of Education Faculty to Technology Integration and Faculty Technology Development. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2004*, pp. 1986–91.

**Refereed Research Papers Submitted:**

- Wright, M. A. & Osler, J. E. (Submitted, 2018). The Measurement of Connectivist and Constructivist Learning Modalities Using Triostatistical Analytical Methods: Comparing Online Asynchronous and Synchronous Instructional Strategies via In-Depth Tri–Squared Analysis and Analytics. *i-manager's Journal of School Educational Technology*.
- Osler, J. E. (Submitted, 2018). E–Learning Engineering: Active Infometrics Using the 4A Metric for Systemic Student Success via Mastery Learning to: Enhance, Produce, and Sustain Authentic Expertise; Creative Confidence; Innovative Ideas; and Self-Efficacy. *i-manager's Journal on Instrumentation and Control Engineering*.
- Osler, J. E., (Submitted, 2018). Transformative Psychometric Research Engineering: Triangulating Digital Instrumentation, Implementation, and Data Analysis for Effective, Efficient, and Engaging Classroom Inquiry. *i-manager's Journal on School Educational Technology*.
- Osler, J. E. (Submitted, 2018). An Innovative Psychometric Model for Algorithmic Repetitive Mastery Testing. *i-manager's Journal on Educational Psychology*.

**Books Published:** [Single Author (in or discipline related)]

- Mutisya, P. M. & Osler, J. E. (2019). *The Global Comm–Uni–Versity Model © for the 21st Century and Beyond (1<sup>st</sup> ed.)* E-Book. Morrisville: Lulu Publications.
- Osler, J. E. (2018). *Visualus™ © Visioneering Volumetrically* E-Book: The Mathematics of the Innovative Problem–Solving Model of Inventive Instructional Design (New ed.). Morrisville: Lulu Publications.
- Osler, J. E. (2018). *Osler - A Visual Taxonomy of Educational Science Statistical Measurement Methodology ©* E-Book. Morrisville: Lulu Publications.
- Osler, J. E. (2018). *The Vision Finder™ ©* E–Book: The New Handheld Edition (New ed.). Morrisville: Lulu Publications.
- Osler, J. E. (2018). *The Vision Finder™ ©: The New Handheld Edition (New ed.)*. Morrisville:

Lulu Publications.

- Osler, J. E. (2018). Interactive Statistics Methods E–Book (New ed.). Morrisville: Lulu Publications.
- Osler, J. E. (2018). Interactive Statistics Methods (New ed.). Morrisville: Lulu Publications.
- Osler, J. E. (2018). The 4A Metric Algorithm Standards E-Book © (1st ed.). Morrisville: Lulu Publications.
- Osler, J. E. (2013). Interactive Statistics Methods E–Book (1st ed.). Morrisville: Lulu Publications.
- Osler, J. E. (2012). Interactive Statistics Methods (1st ed.). Morrisville: Lulu Publications.
- Osler, J. E. (2012). The Vision Finder™ © E–Book: An Assessment Designed to Determine Purpose and Fulfill Destiny by Unlocking Unlimited Potential (1st ed.). Apple iBooks, Silicon Valley, CA.
- Osler, J. E. (2010). Triometry™ ©: The Mathematical Process of Measuring Three Dimensional Order Using Infometrics™ © and Perspectology™ © (1st ed.). Morrisville: Lulu Publications.
- Osler, J. E. (2010). Infometrics™ ©: The Systemic Strategic Practice of Empowerment through the Creation of an Ideal Learning Environment via Optimal Instruction (1st ed.). Morrisville: Lulu Publications.
- Osler, J. E. (2010). Interactive Informative Inquiry™ ©. The Process of Investigating the Ergonomic Ideation of Technology Engineering and Optimal Instruction (1st ed.). Morrisville: Lulu Publications.
- Osler, J. E. (2010). Innovata™ ©: The Comprehensive Encyclopedia and Dictionary of the Terminology of the Science of Innovation (1st ed.). Morrisville: Lulu Publications.
- Osler, J. E. (2010). Techtonics™ ©: Optimal Learning via Instructional Solutions Developed through the Methodology of Technology Engineering (1st ed.). Morrisville: Lulu Publications.
- Osler, J. E. (2010). Trimensional Analysis™ ©: The Three Dimensional Analytics of Visualus Solution Metrics (1st ed.). Morrisville: Lulu Publications.
- Osler, J. E. (2010). Perceptology™ ©: The Science of Comprehension that is Universal Instructional Design through Visualus, Metacognitive Mechanics, Technology Engineering, and Optimal Instruction (1st ed.). Morrisville: Lulu Publications.
- Osler, J. E. (2010). Visualus™ © Visioneering Volumetrically: The Mathematics of the Innovative Problem–Solving Model of Inventive Instructional Design (1st ed.). Morrisville: Lulu Publications.
- Osler, J. E. (2010). Simply Statistics™ © the Hardcover Handheld Edition (1st ed.). Morrisville: Lulu Publications.
- Osler, J. E. (2010). The Vision Finder™ ©: The Handheld Edition (1st ed.). Morrisville: Lulu Publications.
- Osler, J. E. (2009). Simply Statistics™ ©: The Handheld Edition. (An updated and improved 9” x 6” version of Simply Statistics™ ©: A Comprehensive Guide to Statistical Formulae, Methodology, and Techniques) (1st ed.). Morrisville: Lulu Publications.
- Osler, J. E. (2008). Simply Statistics™ ©: A Comprehensive Guide to Statistical Formulae, Methodology, and Techniques (1st ed.). Morrisville: Lulu Publications.
- Osler, J. E. (2008). The Vision Finder™ ©: An Assessment Designed to Determine Purpose and Fulfill Destiny by Unlocking Unlimited Potential (1st ed.). Morrisville: Lulu Publications.
- Osler, J. E. (1996). The Effects of an Ergonomically Designed Computer-Based Tutorial on Elementary Students’ Recall. North Carolina State University, UMI Dissertation Services and University Microfilms International, Ann Arbor, Michigan, (Doctoral Dissertation).
- Book Chapters Published:** [Single Author [Refereed] (in or discipline related)]
- Osler, J. E. (2018) Chapter 9: Building Positive Mentoring Experiences for Black Male Faculty at a Historically Black College and University. Faculty Mentorship at Historically Black Colleges and Universities. Edited by Cassandra Conway. pp. 179–200 IGI Global.

- Conway, C., Harris, S., Osler, J., Quarles, A. & Rech, L. (2018) Chapter 20: Integrated Digital/Mobile Learning Strategies with Students in the Classroom at the Historical Black College/University (HBCU). *Handbook of Research on Digital Content, Mobile Learning, and Technology Integration Models in Teacher Education*. Edited by Sagini Keenwe. pp. 390–398. IGI Global.
- Conway, C., Stanley, H., Sims, Y., Smith, S., Staten, B., Maulsby, M., Hayes, G., Mutisya, P. & Osler, J. (2016). Chapter 5: Cheating: Digital Learning Activities and Challenges. *Handbook of Research on Academic Misconduct in Higher Education*. Edited by Donna Velliari. pp. 113–130. IGI Global.
- Osler, J. E. & Mansaray M. A. (2015). Chapter 11: Educational Technology Assessment: A Model for Analyzing Online Psychometric Tests for Course Evaluations. *Handbook of Research on Educational Technology Integration and Active Learning*, Edited by Sagini Keengwe. pp. 215–246. IGI Global.
- Osler, J. E. (2008). Chapter 9: Technology Engineering Educational Solutions for the Hurricane Katrina Region. *The Aftermath of Hurricane Katrina: Educating Traumatized Children PreK through College*. University Press of America. Edited by Dorothy Singleton. pp. 104–120.
- Osler, J. E. (2004). Chapter 13: The Crisis: Classroom Culture, Identifying and Analyzing Seven Factors That Disable an Effective Collegiate Teaching Methodology. *A Long Way to Go: Conversations about Race by African American Faculty and Graduate Students*. Edited by Darrell Cleveland (2004), pp. 141–152. Peter Lang.
- Osler, J. E. (2004). Dimensions of Teaching and Behavioral Impediments of Teaching Efficacy. Book Chapter in: “Ideas about Teaching Efficacy: Sharing Perspectives”. Edited by Gabe Keri (2004). NSSP (NLP).

***Book Chapters Submitted:***

**Single Author Publications:** [Outside of discipline]

- Osler, J. E. (2004). Now I’m oh so full... When I was formerly empty... *The Silent Journey*. The International Library of Poetry. Howard Ely (2004 Award for Outstanding Poetry, International Library of Poetry).
- Osler, J. E. (2003). *The Road to Self-Discovery: Finding One’s True Self is the Essence of Enlightenment*. *The Healing Process: In Need of Counsel*. IN: Furstbooks.

**Co-Author (outside of discipline related) x 2<sup>nd</sup> \_ 3<sup>rd</sup> \_ 4<sup>th</sup> \_ 5<sup>th</sup> or other \_\_**

- Hill, D. M. & Osler, J. E. (2003). *From Tragedy to Triumph Overcoming Betrayal*. *The Healing Process: In Need of Counsel*. IN: Furstbooks.

**Editor (in or discipline related):**

Interdisciplinary Journal of Teaching and Learning: Board of Reviewers; i-manager’s Journal on School Educational Technology: Editorial Board & Reviewer; i-manager’s Journal of Educational Technology: Editorial Board & Reviewer; Asia Pacific Education Review (Journal): Reviewer; Journal of Negro Education: Reviewer; Journal of Applied Research in Higher Education: Reviewer; Journal of Scientific Research and Reports: Reviewer; Instructional Design Architecture (Book): Reviewer; and Clarivate Analytics – InCites™ [by Thomson Reuters] and Thomson Reuters ResearcherID [Scholarly Research Community]: International Journal Peer Reviewer, for Grants for Peer Reviewed Publications, Web of Science™, and EndNote®

**Subject Matter Expert (in or discipline related):**

Blackboard Analytics™: Blackboard Intelligence; University of Toronto Press Publishing: Subject Matter Expert; Advanced Distributed Learning: Subject Matter Expert; Thesis/Dissertation Data Analyst: Subject Matter Expert; Campus Technology [Harvey Assessment]: Subject Matter Expert; i-manager’s International Conference on Engineering and Technologies; [IICET 2015]: Planning Committee; Government E-learning! Magazine’s: Research Advisory Panel; Laureate Education’s Higher Education: Research Panel; E-Learning Heroes: E-Content Examiner; Global Social Entrepreneurship Initiative Symposium: Panelist; NC School of Science and Mathematics:

Panelist; Bill & Melinda Gates Foundation on Courseware: Subject Matter Expert; Education Growth Advisors: Subject Matter Expert; Qualtrics: Subject Matter Expert, Education Growth Advisor; DivShot Online: Web-Based User Interface Software Beta Tester; IDEA: Online Assessment; and NCCU SOE Summer Technology Institute: Presenter, Panelist, and Planning Committee

**Other Recognized Publications:** [Measurements, Assessments, and/or Tests, Published]

- Osler, J. E. (2017–14). The Educational Technology Masters Comprehensive Examination Scoring Rubric.
- Osler, J. E. (2017–14). The 4A Metric © Digital Course Badging System: A Qualitative and Quantitative that Illustrates Comprehensive and Cumulative Self-Growth via E-Learning Online Systems.
- Osler, J. E. (2015–14). The Osler 4A Metric Ergonomic E-Learning Engineering E-Portfolio ©: A Professional Development Digital Tool for Warehousing Course Artifacts and Evidences.
- Osler, J. E. (2015–10). The 4A Metric ©: A Methodology for Comprehensive and Cumulative E-Learning Assessment through Self-Growth.
- Osler, J. E. (2015–06). The Osler Interactive Technology Competency and Skills Assessment 2013–06 © (An Interactive Assessment Developed for EDU 2800 & EDIT 5855 Candidate Assessment of Technology Skills).
- Jain, C. R., Mutisya, P. M., Osler, J. E. & Kanu, A. (2015). Academic Freedom Paradigm and the Contemporary Faculty Perceptions: Are We There Yet? *2015 Proceedings of the 7<sup>th</sup> Conference on Higher Education Pedagogy* (February 4–6, 2015) at Virginia Polytechnic Institute and State University.
- Osler, J. E. (2014–12). The Osler Ergonomic E-Learning Engineering E-Portfolio ©: A Digital Tool for Warehousing Course Artifacts and Evidences.
- Osler, J. E. (2013). The Osler Tri-Squared Calculator, 2013 © (An Interactive Calculator that transforms and converts Qualitative Data Input into Quantitative Data Outcomes for Tri-Squared Statistical Analysis).
- Osler, J. E. (2012). The Vision Finder <sup>TM</sup> ©: An Assessment Designed to Determine Purpose and Fulfill Destiny by Unlocking Unlimited Potential. An interactive Apple iBooks.
- Osler, J. E. (2010). The Metagraphic User Interface Digital Learning Laboratory © DVD. An interactive E-Book for the development and deployment of dynamic interactive user interfaces.
- Osler, J. E. (2010). The Advanced Interactive Interelectronic Inventory Ideation Laboratory © DVD. An interactive E-Book for the development and deployment of interactive interelectronic inventories.
- Unpublished:** [Measurements, Assessments, and/or Tests]
- Osler, J. E. (2017–10) Interactive Assessments – Based Books & Courseware: (In Development).
- Osler, J. E. (2016–15) [SOE] SPA Performance Ergonomic E-Calculator ©.
- Osler, J. E. (2015–14) [SOE] Faculty Performance E-Calculator 2015 ©.
- Osler, J. E. (2007). The Interactive Social Services Assessment Form for Tender Touch and Associates (An Interactive ActiveX Document Designed for Use by Clients in Assessing their Counseling Consultation Experiences).
- Cliette, G. & Osler J. E. (2006). The Cliette–Osler Interactive Psychological Assessment © An Interactive Extensible Markup Language Psychological Profile Assessment Tool for Counselors and Psychologists.
- Osler, J. E. (2006). The Osler Interactive Technology Competency and Skills Assessment 2006 © (An Interactive Assessment Developed for EDU 2800 Candidate Assessment of Technology Skills). Osler J. E. (2006). The Interactive Candidate Assessment Form 2006 © (An Interactive Form Developed for Candidate Assessment for Accreditation in the School of Education).

- Osler, J. E. (2005). The Interactive Social Services Assessment Form for Counselors (An Interactive ActiveX Document Designed for Use by Clients in Assessing their Counseling Consultation Experiences).
- Osler, J. E. (2005). The Interactive Candidate Assessment Form for the North Carolina Central University School of Education (An Interactive ActiveX Document Designed for Use in Undergraduate and Graduate Candidate Assessment for all Academic Programs).
- Osler, J. E. (2003). The Vision Finder ©: A Comprehensive Self-Assessment Tool Designed to Aid the Reader to Develop a Sense of Purpose, State Personal Goals, Create Achievable Objectives, Select Temperament, And Identify Talents (Interactive Class Assessment).

**Educational Materials: E–Books**

- Osler, J. E. (2013). Interactive Statistics Methods E–Book. Lulu Publishing, Morrisville NC.
- Osler, J. E. (2009). The King James Interactive Bible ©. An Interactive Devotional E-Book for Scriptural and Biblical Study.
- Osler, J. E. (2009). Samurai Os © Adventure to Determine Destiny. An Interactive Biblical Videogame with an Interactive King James E-Book Bible for Devotional for Scriptural and Biblical Study.
- Osler, J. E. (2008). An Introduction to The Vision Finder™ ©: An Interactive E-Book. Lulu Publishing, Morrisville NC.

**Instructional Courseware and E–Books**

- Osler, J. E. (2007–03). Statistics Online: An Interactive E–Text with Exercises (A Guidebook for Online Statistics Designed with 5 Interactive Modules and associated Online Mastery Tests to Enhance Learning and Build an Active and In–Depth Online Statistics Learning Community) a 63 Section Interactive Text for the Graduate Statistics Course EDGR 5910.
- Osler, J. E. (2004). Visual Literacy, Ergonomic Graphics & Digital Design: Analysis of the Analysis of Graphic Design and the Process of Usability in Visual Design (A Guidebook for Creating Graphics, Logotypes, Visuals and Elements for Hypertext, Hypermedia, and the Internet) a two part Interactive E–Text for Educational Technology Courses EDIT 5800 and EDIT 5812.

**Other publications non-refereed (proceedings, position papers, etc.)**

- Osler, J. E. (2002). The North Carolina Central University: University Management Development Program 2002 Peer Coaching/Focus Group Sessions. North Carolina Central University for the University of North Carolina at Chapel Hill (A 2002 E–Journal of North Carolina Central University, University Management Development Program Experiences and Core Knowledge). Submitted to the University Management Development Program University of North Carolina at Chapel Hill.

**Other publication activities not included in the above categories for Publications**

**Academic Program Revisions and Implementations:**

- Osler, J. E. (2018). The Technology Leadership Graduate Program. North Carolina Central University School of Education – Department of Allied Professions [Online].
- Osler, J. E. (2018). The Technology Leadership Graduate Program Handbook. North Carolina Central University School of Education – Department of Allied Professions [Online].
- Osler, J. E. (2018–09). The Graduate Program in Online Instructional Design. North Carolina Central University School of Education – Department of Allied Professions [Online].
- Osler, J. E. (2017–09). The Certificate Only E–Learning Instructor Certification for the Graduate Program in Educational Technology [Online].
- Osler, J. E., Mutisya P. M. & Malone, L. (2015–14). SOE MSA Doctoral Program.
- Osler, J. E., Mutisya P. M. & Malone, L. (2014–12). The SOE Doctoral Program.
- Osler, J. E. (2012–07). The Online SOE Doctoral Program.
- Mutisya, P. M., Osler, J. E. & Eaton, D. (2012). Revised Ph.D. Graduate Program in Leadership

Studies. North Carolina Agricultural and Technical State University, School of Education for Partnership with the North Carolina Central University School of Education – North Carolina Agricultural & Technical State University, Department of Leadership Studies. Academic Program Created, Developed, and Implemented:

Bull, H. P. & Osler, J. E. (2012). Revised Graduate Program in Online Educational Technology. North Carolina Central University School of Education – Department of Curriculum and Instruction.

Osler, J. E. (2010). Revised Graduate Program in Online Instructional Design. North Carolina Central University School of Education – Department of Educational Leadership, Research, and Technology.

Osler, J. E. (2008). The Graduate Program in Online Instructional Design. North Carolina Central University School of Education – Department of Educational Leadership, Research, and Technology.

**Further Academic Program Revisions:**

All Online Course Revisions in the Online Instructional Design Graduate Program (2017–09); All Online and Face to Face Course Revisions in the Educational Technology Graduate Program (2017–01); University Expansion Proposals North Carolina Central University, Administration: University Growth, Expansion, and Outreach Initiative: A New and Innovative Collaborative University Ph.D. Program ©: Osler J. E. (2007–05); An Online Integrated Learning Ph.D., Though Technology Enhanced Learning in the Sciences © between NCCU & UC Berkeley 2007–05; University Growth, Expansion, and Outreach Initiative: A New and Innovative University, Division ©: Osler J. E. and Robinson C. (2005); The School of Urban Studies and Community Impact © 2007–05; North Carolina Central University, Academic Affairs University Faculty, Development, Growth, and Empowerment Initiative: A New and Innovative Ph.D. Program Mini-Proposal ©: Osler J. E. (2007–05); An Online Integrated Learning Ph.D. 2007–05 Through Technology Enhanced Learning in the Sciences ©; North Carolina Central University, School of Education Collaborative Book Initiative: Chapter for Book Entitled: The Aftermath of Katrina: The Gulf Coast Region on Technology Solutions 2007–06; Proposal to Revise the Graduate Program in Educational Technology: Revision of the Graduate Program in Educational Technology into The Online Educational Technology Graduate Program with E-Learning Instructor Licensure Based Upon the Request For Distance Learning Online Degrees and Certification Program Proposal 2007–03; Faculty Research Development Group Initiative: The Institute for Innovative Learning & Achievement 2003–02; Advisor for the Culturally Responsive Early Intervention in Assistive Technology (CREATT) 2003–01; and The Swahili Language Teaching Project with Phillip Masila Mutisya, Ed.D. 2003–01.

**Research and Grantsmanship:**

*Grants* (University)

\$150,000.00—Funded: [UNC-GA]: Instructional Designer, Competency-Based Education Grant (2016–17), \$50,000 (and Under)—Funded (for \$27,500.00) Co-Principle Investigator with Richard LaBennett (Project Director) and Laurell Malone (Co-Principal Investigator), Culturally Responsive Chemistry an Academic Affairs Innovation Initiative, Funded (for \$31,000.00): Principal Investigator, A Neuroscientific E-Learning Research Partnership for Teaching and Learning Between NCCU and UDC: A NCCU-Faculty Research Mini-CRCC; Course Re-Design Grant (2016–17); \$50,000.00 (and Over)—Funded (for \$5,000.00): Evaluator, ADCNC SUNRISE Grant with Dr. Jonathan Livingston (2014–16); [UNC-GA]: Instructional Designer, Digital Course Re-Design with Dr. Prince Hycy Bull and a School of Education Team in the Department of Curriculum and Instruction (2014–15); Advisor, The Graduate Program in Educational Technology Fast Track Program for 077 Licensure Instructional Technology a Collaborative Initiative with Dr. Doris Tyler (1st Cohort 2006–07); Instructor, E-Learning Grant with Dr. Doris Tyler and Ms. Deborah Eaton (2005); and Principal Investigator/Advisor, The NCCU Royal Chess Society Student Development Incentive Grant from the NCCU Division of Student Affairs (2004).

**Other Research Projects [Research Projects Completed]:**

The Online Web Portal for the ENAS: Eagles Nest Assessment System (2017–12); ENAS: Eagles Nest Assessment System (2016–12); Online Faculty Shared Governance Assessment (2015–12); Digital E-Book Initiative (2015–12); Educational Video for Online Interactive Courses (2015–13) SOE Strategic Plan Voting Instrument (2012); SOE MSA Online Proposal Review Voting Instrument (2012); Proposal for Wake County Schools Teacher Technology Training (2012–11); Proposal for Dual Degree Programs with Graduate Program External of the SOE (2012–11); Proposal for Professional Development through SOE Graduate Program for Non–Licensed Durham Public Schools (DPS) Personnel (2012–11); and the SOE Graduate Program for Military Personnel (2012–11); Advanced Post Hoc Triostatistics Metrics (2015–14); Novel Distance Education Measure Model (2015–14); Novel Software Testing for the Upcoming Academic Year (2015–13); Novel Technology Engineering IC Model (2015–13); ENAS Assessment Plan and System (2015–13); Enhancing Student Genius & Creativity Research (2015–13); Novel Online Psychometric Tri-Squared Research Engineering (2015–13); GSEI International Community Research (2014–13); USAID International Proposal (2014–13); Novel Metrics Associated with University SRI Deployment (2014–13); Novel Post Hoc Advanced Statistical Analytics (2014–13); Novel Post Hoc Advanced Statistical Metrics (2014–13); Novel Post Hoc Advanced Statistical Mathematical Models (2014–13); Novel Online Psychometric Survey Research Engineering (2014–12); Novel Online E–Learning Metrics for University Courses (2014–12); Online Journal of Innovations in Education for the SOE (2014–12); Creation of a Process Education Faculty Chapter for the SOE (2014–12); Advanced Degree Research in Preparation for Doctoral Programs in the SOE (2014–11); and the Universal Recruitment for SOE Graduate Program for K–12 School, Community College, and Military Personnel (2014–11).

**Research Projects Currently in Progress:**

The Establishment of the Institute for the Study of Triostatistics & Nanobiotechnology in the NCCU School of Education (2018–17); A Neuroscientific E-Learning Research Partnership for Teaching and Learning Between NCCU and UDC (2016–13); Advanced Post Hoc Community–Based Data Analysis (2016–13); Novel Distance Education E–Learning Measurement Model (2016–13); Novel Statistical Software for SRI Data Analysis (2015–13); Advanced Technology Engineering Mathematical Model (2016–13); Advanced ENAS Assessment Plan and System (2016–13); Advanced Student Genius & Creativity Research (2016–13); Advanced Online Psychometric Tri-Squared Research Engineering (2016–13); Advanced Novel Post Hoc Statistical Analytics (2016–13); Advanced Novel Post Hoc Statistical Metrics (2016–13); Advanced Novel Post Hoc Statistical Mathematical Models (2016–13); Instructing Novel Online Psychometric Survey Research Engineering (2015–12); Deployment of Online Journal of Innovations in Education (2015–12).

**Presentations:*****National/International (Invited)***

- Bridges-Bond, S., Gillespe, R., Osler J. E. & Speller, J. (2016). Why Students at a HBCU Code Switch [Poster Presentation]. National Black Association for Speech-Language and Hearing (NBASLH) 2016 Convention Westin Virginia Beach Town Center, Virginia Beach, Virginia.
- Jain, C. R., Mutisya, P. M., Osler, J. E. & Kanu, A. (2015). Academic Freedom Paradigm and the Contemporary Faculty Perceptions: Are We There Yet? *2015 7<sup>th</sup> Conference on Higher Education Pedagogy* (February 4–6, 2015) at Virginia Polytechnic Institute and State University.
- Osler J. E. & Eaton, D. (2012). Dynamic Educational Collaboration between University and High School Faculty Promoting Partnership in Teaching and Learning in the 21st Century. Interlink Alliance Faculty Development Conference.
- Bull, P., Eaton, D. & Osler, J. E. (2004). Faculty Development and Integration: Perceptions of

School of Education HBCU Faculty to Technology Integration and Faculty Technology Development. Paper presented at the AACE: Association for the Advancement of Computing in Education Conference Proceedings, SITE: Society for Information Technology & Teacher Education International Conference, SITE 2004, Atlanta, GA, March 1–6, 2004.

***National/International (Peer Reviewed)***

- Alale, R. Z., Smith-Allen, B. L., Ingram, K. & Osler, J. E., (2017). Pittsburgh, P.A. Conference on the Growing Opioid Crisis in Pittsburgh, P.A: Presentation on Nanobiotechnology to Address the Health Needs of those Suffering from Addiction as a part of the Free EMF Health Screening (October 30<sup>th</sup>, 2017).
- Osler, J. E., Mutisya P. M. & Beyerlein, S. (2017). Academy of Process Educators Online Conference and Workshop: Measuring Impact of Teaching on Learning. *The Academy of Process Educators Online Conference/Workshop* (October 4<sup>th</sup>, 2017) Durham, N.C. Online Teleconference.
- Jain, C. R., Mutisya, P. M., Osler, J. E. & Kanu, A. (2015). Academic Freedom Paradigm and the Contemporary Faculty Perceptions: Are We There Yet? *2015 7<sup>th</sup> Conference on Higher Education Pedagogy* (February 4–6, 2015) at Virginia Polytechnic Institute and State University.
- Osler J. E. & Eaton, D. (2012). Dynamic Educational Collaboration between University and High School Faculty Promoting Partnership in Teaching and Learning in the 21st Century. Interlink Alliance Faculty Development Conference.
- Palmer C. E. and Osler, J. E. (2005). The Effects of Sodium Loading and Hypertension on Renal Interstitial Calcium Concentration (Winner of the first 2005 Association for the Advancement of Educational Research, Research Fellow Award).
- Osler D. M. and Osler J. E. (2005). The Development of A Digital Instrument to Analyze The Perceptions of Veterans towards Diagnosis and Assessment Procedures Used to Determine the Existence of Post-Traumatic Stress Disorder (Winner of the second 2005 Association for the Advancement of Educational Research, Research Fellow Award).
- Osler, J. E. and Mutisya P. M. (2005). Creating an Interactive Cognitive Economy: The Use of an Asynchronous Learning Network Course Management System to Develop an Interactive Community of Learners. (Submitted to the Journal of for the Advancement of Educational Research). 2005 Association for the Advancement of Educational Research.
- Osler D. M. and Osler J. E. (2005). The Effects of the Modern Work Environment on Marriage and Family. 2005 Association for the Advancement of Educational Research.
- Wray L., Coneal W., Osler J. E. (2005). Technology in the Classroom: Factors That Effect African American Male Fifth Graders' Use of Technology. 2005 Association for the Advancement of Educational Research.

***Regional/State (Peer Reviewed)***

- Osler J. E. (2015). Dynamic & Rapid Entrepreneurial Statistical Measurement & Assessment Using Tri-Squared Analysis. 2015 UNC System Summit, *Innovation and Change: Thriving in the 21<sup>st</sup> Century University*, (April 16-17, 2015) at Winston Salem State University.
- Osler J. E. (2015). Creating Authentic Inventive Assessments Using the Tri-Squared Test (General Session). *2015 NCCTM (North Carolina Council of Teachers of Mathematics) Central Region Spring Conference* (February 21, 2015) at North Carolina Central University.
- Bull, P. H., Osler, J. E., Mutisya, P. M., Ramona, C., Johnson, F., Nwosu, V., Logan, W. T., Thompson, P. & Redden, R. (2013). North Carolina Central University School of Education and Durham Public Schools Hillside New Tech High School Learning Laboratory Initiative Grant Outcomes. North Carolina New Schools Summative Research Conference.



- Bull, P. H., Osler J. E. & Eaton, D. (2009). 21<sup>st</sup> Century System Tools for School Executives. North Carolina Central University, School of Education, 2009 Education Symposium, March 2009, Durham, NC.
- Bull, P. H., Osler J. E. & Eaton, D. (2009). North Carolina High School Graduation Project and 21<sup>st</sup> Technology. North Carolina Central University, School of Education, 2009 Education Symposium, March 2009, Durham, NC.
- Bull, P. H., Osler J. E., Eaton, D., Henninger, L. & Hooper, S. (2009). University and Public School Collaboration and Professional Development: Technology Integration Model for High School Graduation Project. University of North Carolina Teaching and Learning with Technology 2009 Conference, March 2009, Raleigh/Durham and Chapel Hill, NC.
- Hollowell, G., Osler, J. E., Nyein, T., and Palmer, C. (2006). Contemporary Issues in Education: Developing an Innovative Technology-Based Educational Philosophy. 2006 South Atlantic Philosophy of Education Society 51st Conference.
- Osler, J. E. (2005). Technology Engineering: A Paradigm Shift in the Dynamics of Instruction; A New Philosophy of Education for Teaching in the Information Age. 2005 South Atlantic Philosophy of Education Society 50th Annual Conference.
- Osler, J. E. (2004). Presentation: Technology Engineering: A Paradigm Shift to Promote Academic Freedom in the Information Age. 2004 South Atlantic Philosophy of Education Society Conference.
- Palmer C. E. and Osler, J. E. (2005). Inquiry-Based Learning and Teaching of Cell Division, Velocity and Chemical Reactions Using TELS: Effective Practice in Teaching and Learning Science with Technology. 2005 Association for the Advancement of Educational Research.
- Crews A., Coneal W. & Osler J. E. (2005). The Effect of Classroom Technology Use On The Retention and Transfer of Technology Knowledge and Skills of First Grade Students. 2005 Association for the Advancement of Educational Research.
- Regional/State (Non-Peer Reviewed)***
- Osler J. E. (2007). The Vision Finder Assessment Tool, Interactive Presentation. Counselor Education Conference NCCU, SOE.
- Osler J. E. (2003). The Healing Process: In Need of Counsel Book Announcement, Exhibition Entitled: "James E. Osler II – Cover Design & Book Illustrations" 2003.
- Osler J. E. (2002). The Olivia Gatewood Gallery: "Summer Madness Exhibit 2002", Gallery Artwork Exhibition Entitled: "Notes from a Native Son".
- Workshops:** [Delivered Face to Face, via Teleconference or Completely Online]
- National/International (Peer Reviewed)***
- Academy of Process Educators Online Conference and Workshop: Measuring Impact of Teaching on Learning (2017), i-Manager's International Conference on Engineering and Technologies [IICET 2015]: Planning Committee 2015; American Association of Colleges for Teacher Education (AACTE) 55th Annual Meeting and Exhibits: Technology in the Classroom 2003.
- Regional/State (Invited)***
- The North Carolina Digital Learning Plan—Friday Center for Innovation in Education on the Centennial Campus of North Carolina State University 2015, Education Is My Passion | Information Session SOE Teacher's Assistants to Teachers Program [Graduate Program Recruiting] 2015, UNC–G eLearning Symposium 2013, Hands–On Technology Teaching and Training: Summer Technology Institute 2013–09, Thesis Research Seminar to CREATT Grant Graduate Students 2003, Durham Public Schools Staff Development Center: ExplorNet ENTech Technology Integration Training 2002, North Carolina School of Science & Mathematics: Panelist for The National Consortium for Schools of Science and Mathematics – "Bridging the Digital Divide" Durham, Hilton 2002.
- Regional/State (Peer Reviewed)***

Professional Development, Accreditation and Technology Training, Microsoft Access Training 2006, Web Page and ePortfolio Design 2004–03, Web for Faculty Training 2004–03, Teaching and Learning Innovations Conference 2004–03, University Management Development Program UNC–CH Invited Guest Speaker to 2004–03 Class of Inductees 2003, North Carolina Central University, University College Blackboard Distance Education ALN Software Training 2002, North Carolina Central University, Chancellor’s Office 2002, IMPACT 2001: Promoting Communities, Schools, and Technology 2001, North Carolina Central University, Teaching & Learning 2001.

***Regional/State (Non-Peer Reviewed)***

University of North Carolina at Chapel Hill Professional Development–University Management Development Training 2002–01 Courses: Are We Having Fun Yet? Humor in the Workplace, Developing High Performance Teams, Employee Recognition, Facilitating Change and Conflict, Influencing and Negotiating Effectively, Project Management, The Changing American Workforce, The Science of Leadership and the Art of Gaining Followers, University Management Development Program 2002–01 Introduction, North Carolina State University The Instructional Technology Expo 2001.

***Local (Invited)***

NCCU Distance Education New Online Course Design Training 2015, NCCU Information Technology New MyEOL/WebVPN Website Training 2007, Macintosh Podcast Web–based Server Upload Training 2007, Online Blackboard Faculty Development Seminar 2007.

***North Carolina Central University, School of Education:*** Summer Technology Institute 2017–09, Creating Authentic Inventive Assessments Using the Tri–Squared Test: North Carolina Council of Teachers of Mathematics [NCCTM] Regional Conference at the NCCU School of Education 2015, Adobe/Macromedia Contribute Web Design Software Training 2006 ,iTunes University & iPod Podcast Training 2006, NCATE/DPI Accreditation Readiness Workshop 2006, “How Do Teacher Education Programs Connect with Diverse Families?” 2006, Infusing Cultural Diversity into Course Syllabi: Families 2006, Thesis Research Seminar to CREATT Grant Graduate Students 2006, Infusing Cultural Diversity into Course Syllabi 2005, Centra 7 Software Training 2005, Elluminate Software Training 2005, Participant: Elluminate Distance Education ALN Software 2005, Invited Speaker to 2004 CREATT Graduates 2004, Seminar Teacher Education Summit 2003,ENTech: Technology as a Strategy for Closing the Gap 2003, NCCU Web for Faculty Training 2003, NCCU Open House (School of Education Representative and Presenter) 2003, Participant: Web for faculty Training 2002, Participant: Blackboard Training Seminar 2002, IBM iMentoru Program Development Consultation 2002–01, SUNRAY: Preparing tomorrow’s Teachers to Use Technology 2001, SUNRAY Seminar 2001, Presenter: Faculty Technology Workshop: Microsoft Publisher 2001, Preparing Teachers to Use Technology (PT3) Grant: Dreamweaver and Macromedia Web Production Tools 2002, Distance Education Blackboard/Course Info Training Seminar 2002, Tech & Teach Teacher Technology Preparation Day 2002, Apple: iMovies for Faculty: Video Integration Basics 2001, David Warlick: Integrating Internet Technology into Classroom Instruction 2001, Faculty Technology Workshop: Smartboard Demo/Operation 2001, Macromedia: Electronic Portfolios 2001.

**Other Presentations:** [Attended Face to Face, via Teleconference or Completely Online]

***International***

AACE: Association for the Advancement of Computing in Education Conference and SITE: Society for Information Technology & Teacher Education International Conference: Faculty Development and Integration: Perceptions of School of Education HBCU Faculty to Technology Integration and Faculty Technology Development. 2004, Chennai, India – Rural School Visit and Review 2003.

***National***

Blackboard Innovative Teaching Series [BITS] Teleconference on Open Education Resources (2018), Academy of Process Educators Online Conference and Workshop: Measuring Impact of Teaching on Learning (2017), Blackboard Innovative Teaching Series [BITS] Teleconference on

Gamification for Higher Education Courses (2017), COGIC (Church of GOD in Christ) Black History Awards for Distinguished Community Service (2017), Interlink Alliance National Conference (2012), Association for the Advancement of Educational Research (AAER) and National Academy for Educational Research (NAER) 8th Annual AAER Conference: The Effects of the Modern Work Environment on Marriage and Family 2005, The Effects of Sodium Loading And Hypertension On Renal Interstitial Calcium Concentration 2005, The Development Of A Digital Instrument To Analyze The Perceptions Of Veterans Towards Diagnosis and Assessment Procedures Used To Determine The Existence Of Post-Traumatic Stress Disorder 2005, Creating an Interactive Cognitive Economy: The Use of an Asynchronous Learning Network Course Management System to Develop an Interactive Community of Learners 2005.

***Regional***

NCCU School of Education Summer Technology Institute 2017–09, North Carolina Council of Teachers of Mathematics [NCCTM] Regional Conference at NCCU–SOE 2015, The South Atlantic Philosophy of Education Society Conference: Contemporary Issues in Education: Developing an Innovative Technology-Based Educational Philosophy 2007, North Carolina Central University Center for Teaching and Learning Enhancing Teaching and Learning through Collaboration with the School of Education Faculty: Electronic Portfolios for Faculty Evaluation 2006, The South Atlantic Philosophy of Education Society (SAPES) 50th Annual Meeting “Politics and the Future of Academic Freedom”: Technology Engineering: A Paradigm Shift to Promote Academic Freedom in the Information Age 2005, North Carolina Association for Multicultural Counseling and Development Drive in Conference 2004: Self-Assessment with the Vision Finder Self-Assessment Tool 2004, University of North Carolina Teaching and Learning Technology Conference: A Collaborative Partnership with NCCU’s School of Education and Durham Public Schools 2003.

***Provincial***

***North Carolina Central University, School of Education:*** Annual Technology Institute Panelist on Course Re-Design 2015, Annual Technology Institute Teacher Technology Tutorial Presentation: Google Apps for Educators Dynamic Online Tools for Instruction and Learning 2014, Annual Technology Institute Teacher Technology Tutorial Presentation: Using Trimble (formerly Google) SketchUp to Teach K–12 Mathematics Concepts 2013, Annual Technology Institute Teacher Technology Tutorial Presentation: Gapminder Visual Data Analysis 2012, Annual Technology Institute Teacher Technology Tutorial Presentation: Using Instructional Design to Development E-Content 2011, Annual Technology Institute Teacher Technology Tutorial Presentation: Educational Game Design Using Scratch 2010, Annual Technology Institute Teacher Technology Tutorial Presentation: Audio Podcasting with Audacity 2010–09, Apple iLife Suite Tutorial 2009–08, Multimedia E-Portfolio Development Demonstration: ELRT Department 2007, Electronic Portfolios for Faculty Evaluation 2006, E-Portfolio Development Seminar: CREATT Candidates 2006, Thesis Research Protocols and Procedures: CREATT Candidates & The Graduate Student Association 2006, Mini-Unit Report: Instructional Technology/Educational Technology 2001, School of Education Facilities Report 2001, Educational Technology Goals & Objectives 2001, Educational Technology Course of Study Matrix 2001, Schedule of Projects for NCATE & DPI Accreditation 2001, Technology Update for DPI Accreditation 2001, Educational Leadership, Policy, and Professional Studies Request Data 2001;

***Multimedia Presentations:***

Faculty Standalone E-Portfolio Presentation 2011, Dean’s State of the School of Education Address 2001, Dean’s Selection Committee: School of Education Presentation 2001, There’s No Place Like Home: Guidance Counselor’s Presentation 2001, School of Education Accreditation Presentation for SDPI 2001, School of Education Facility Highlight Presentation 2001, School of Education Conceptual Framework Screensaver 2001, School of Education Accreditation Presentation to NCATE & SDPI 2001, School of Education Best Practices/Candidate Technology Proficiencies 2001, North Carolina Central University Highlight Presentation 2001.

**TEACHING EXPERIENCE****Teaching Professional Credentials**

**Proctoring Testing License: University of North Carolina System of Higher Education [University of North Carolina General Administration]:** Proctoring Test (Site) License (See Certifications Section)

**North Carolina Department of Public Instruction [NCDPI]: (Licenses)**

810 Art Education K–12;

077 Instructional Technology Specialist-Computers; and

079 Special Endorsement in Computer Education (See the Certifications Section).

**Teaching Activities****Courses Taught Independently: Courses Created and Taught in the School of Education**

[Indicated with an “\*”]—IND 5999: Hypermedia E-Portfolio Engineering\*, IND 5998: Course Management Systems\*, IND 5997: Hypermedia E-Portfolio Design\*, IND 5996: Learning Management Systems\*, IND 5995: Interactive Statistical Methods\*, IND 5994: Instructional Design II\*, IND 5993: Hypermedia Game Design\*, IND 5992: Instructional Design I\*, IND 5991: Hypermedia Interface Design\*; and **Courses Re-Designed and Taught within the School of Education** [indicated with an “o”; if taught as an all new hybrid course – indicated with a “^”]—EDGR 5925: Applied Research Techniques, EDGR 5910: Statistical Methods for the Social Behavioral Sciences, EDU 2800: Computer Utilization of Technology° EDU 3700: Introduction to Statistical Methods for the Social Behavioral Sciences, EDU 4908: Independent Study in Instructional Technology°, EDIT 5990: Advanced Multimedia Technologies: Hypermedia E-Portfolio Engineering\*, EDIT 5800: Preparation of Broadcast Technologies° [Digital Design I], EDIT 5812: Direction of Broadcast Technologies° [Digital Design II], EDIT 5822: Management Strategies for University/Business Resource Centers^, EDIT 5826: Web Design for Educators, EDIT 5832: Instructional Design for Education & Training°, EDIT 5840: Instructional Technology Practicum, EDIT 5850: Computer Assisted Instruction in Education & Social Science°, EDIT 5855: Advanced Technology for Educators°, EDIM 5832: Instructional Design for Education & Training°, EDIM 5840: Instructional Technology Practicum, EDIM 5850: Computer Assisted Instruction in Education & Social Science°, EDIM 5855: Advanced Technology for Educators°, EDGR 5850: Computer Assisted Instruction in Education & Social Science°, EDGR 5900: Thesis°, EDU 4300: Classroom Utilization of Technology.

**Courses Co-taught:** EDIT 5840 Practicum, EDU 4700 Preparation of Instructional Technologies.

**Courses Developed (Online):** The Graduate Program in Online Instructional Design (Lead Professor and Program Author, 2011–08) – IND 5999: Hypermedia E-Portfolio Engineering, IND 5998: Course Management Systems, IND 5997: Hypermedia E-Portfolio Design, IND 5996: Learning Management Systems, IND 5995: Interactive Statistical Methods, IND 5994: Instructional Design II, IND 5993: Hypermedia Game Design, IND 5992: Instructional Design I, IND 5991: Hypermedia Interface Design, (Additional Program Courses Taught, 2011–08) – EDGR 5925: Applied Research Techniques, EDGR 5910: Statistical Methods for the Social Behavioral Sciences, EDIT 5855: Advanced Technology for Educators, EDU 2800: Computer Utilization of Technology.

**Clinical Experiences Supervision**

EDGR 5465 Applied Measurement of Conceptual Framework via Practicum Experience and Capstone Project; EDIT 5840 Instructional Technology Practicum (Field Experience Course); and EDGR 5900-OL1 Thesis (Online)

**Thesis, Dissertation, Portfolio Review Activities**

<b>1. Thesis:</b>	<b>Internal</b>	<b>External</b>
<b>Chairperson</b>	<b>No.: 12</b>	<b>No.: —</b>
<b>Committee Member</b>	<b>No.: —</b>	<b>No.: 8</b>
<b>Advisor</b>	<b>No.: —</b>	<b>No.: 35</b>

**2. Dissertation:**

<i>Chair</i>	<i>No.:</i> —	<i>No.:</i> —
<i>Committee Member</i>	<i>No.:</i> —	<i>No.:</i> 5
<i>Advisor</i>	<i>No.:</i> —	<i>No.:</i> 18

**3. Portfolio Review:**

<i>Chair</i>	<i>No.:</i> 19	<i>No.:</i> —
<i>Committee Member</i>	<i>No.:</i> —	<i>No.:</i> 54
<i>Advisor</i>	<i>No.:</i> —	<i>No.:</i> 54

**PROFESSIONAL SERVICE****National/International**

i-Manager's International Conference on Engineering and Technologies [IICET 2015]: Planning Committee 2015; Reviewer, Journal of Applied Research in Higher Education 2015; Board of Reviewers; Interdisciplinary Journal of Teaching and Learning 2015–14, Editorial Board; i-Manager's (International) Journal on School Educational Technology 2013–12; Editor, i-Manager's (International) Journal on School Educational Technology 2013–10; Facilitator/Recruiter: International Recruiting and Cultural Exchange: Hyderabad, India and Chennai, India 2003.

**Regional/State**

**North East Baptist Church:** Associate Minister 2019–14; Scholarship Committee 2019–13; Young Adult Bible Study Teacher 2019–16; Senior Class Bible Study Teacher 2019–13; Stewardship Ministry 2019–09; Teacher/Co-Facilitator 2019–14; Christian Education Committee 2019–13; Young Adult Bible Study Teacher 2019–2016; Youth Bible Study Teacher 2019–2013; Computer Lab 2019–10; Youth Oratorical Contest Coach 2018–2013; Christmas Program 2017–14; Resurrection Sunday School Program 2013; African American History Program 2015–2013; Vacation Bible School Teacher 2016–12; Technology Facilitator 2013–11; Financial Peace Youth Summer Session Co-Facilitator 2012; Financial Peace Co-Facilitator 2012; Stewardship Ministry: New Facility Clean Up 2012; Keynote Speaker and Presenter 2011; and North East Baptist Church: High School Mathematics Algebra Tutorials 2009

**UNC General Administration:** Rectification of NCCU School of Education Online Program on the UNC-GA Website 2018; E-Learning Committee 2013; ***I Am My Brother's Keeper of NC:*** Keynote Speaker and Presenter 2012; ***Association for the Advancement of Educational Research (AERA):*** Freelance Graphic Design and Logotype Design 2011–10; ***South Atlantic Philosophy of Education Society (SAPES):*** 51st Conference Organizational Committee 2006; 51st Conference, Freelance Graphic Design 2005–06; Website Development and Webmaster 2005; ***Immanuel Temple Seventh Day Adventist Church:*** SDA Church Based School and Educational Programs 2007–05; School Foundation Committee 2007; Family Life Committee 2006; and Adventist Youth Service Educational Programs 2006; ***Peace Missionary Baptist Church:*** Elementary Mathematics Tutor 2001; Tutor on High School Mathematics: The Integrated Mathematics Curriculum 2001; ***T.Q. TECH Knowledge Center:*** Application and Design of Multimedia Courseware 1996; ***North Carolina Department of Public Instruction:*** Technology Committee 1995; and Multimedia Courseware Demonstration 1995; ***Durham Charter Schools:*** Kestrel Heights School [Elementary, Middle, and High]: Chair, Technology Committee 2013–12, PTSO 2013–12 Chaperone/Volunteer 2013–12; ***Durham Public Schools:*** Bethesda Elementary School PTA 2012–11, Durham Public Schools Professional Development Non-Licensure Recruitment Proposal 2011, Healthy Start Academy Faculty Technology Training 2007, Advisor and Consultant, Advisor: Eagle Tech Tutor After-School Program 2007–03, The Potentialis Centre ©: Advisory Board 2007–03, Board of Directors: The TMCQ Multimedia Project at Pearsontown Elementary 2004, Multimedia Class Digital Newsletter by Advisee: Mr. Leroy Wray at Pearsontown Elementary 2004, Digital

Newsletter by Advisee: Mr. Donald Barringer at Pearsonstown Elementary 2004, Invited Panelist on behalf of the NC School of Science and Mathematics for The National Consortium for Specialized Secondary Schools of Mathematics, Science and Technology 2002; **Orange County Schools**: C. W. Stanford Middle School, and Presenter on African American Families and Education 2011; **Durham Business Community**: Covenant Connections, and Keynote Speaker and Presenter 2013; **Hillsborough/Orange Business Community**: Beyond Expectations, Presenter 2011.

### **Local/University**

**North Carolina Central University, University Service**: Chair, Eagle Alumni University Employees 2018–15, University Research Committee—Representative for the School of Education Faculty 2017–18, Advisor—University Student Christian Organization 2016–17 and 2017–18, Distance Education Strategic Planning Committee 2017–18, University Faculty Marshal 2015–2010, Summer School Committee 2015, University Eagle Alumni Employee Committee: Chair 2014–2013, University Naming Committee 2012–11, University Portfolio Committee 2011–10, University Strategic Planning Committee: Community Engagement Sub-Committee 2010, University Award for Teaching Excellence Committee 2009, Board of Governor’s Award for Faculty Excellence Committee 2009, University Communications Committee 2007–04, Faculty Advisor: Presidential Management Fellows (formerly Presidential Management Internship) 2007–04, 2006 African American Male Conference in Education, Website Development and Webmaster 2006–05, 2006 African American Male Conference in Education, Organizational Committee 2005–06, Faculty Advisor: NCCU Royal Chess Club (Student Organization) 2006–04, Academic Affairs Communications Committee 2004 – 05, Committee for the Employee Recognition Awards 2004, Project CARE Research Committee 2004, Scholars in Residence Committee (University College) 2004, Institute for Innovative Learning 2004, Academic Affairs Technology Committee 2004–03, Founder’s Day 2001–04, NCCU Open House 2004–01, NCCU Career Fair 2004–01, UNC TLT Faculty Assembly 2003, CIO Search Committee 2003, University Testing Search Committee 2003, Student Workshop on Power Point 2003, Display Panel Board Competition (Alfonso Elder Student Union) 2001, New Employee Welcome Committee 2001, Strategic Planning Committee 2001, Special recognition Committee 2001, Budget Committee 2001, Celebrate the Chambers Years Committee 2001, Dormitory Inspection Committee 2000–01, Co-Chair, Who’s Who Committee 1999–01, Employee Appreciation and Recognition Committee 1999–01, Family Weekend Committee 2001, Retirement Recognition Committee 2001, May & December Commencement Planning Committee 2001–02, Who’s Who Committee 2001, State Employees Association of NC District 27 Representative 2000, Inauguration Display Committee 1993; **North Carolina Central University, University College**: Southern High School, College Day Motivational Speaker 2006, Innovative Consulting in Education Logotype 2006, Technology Enhancement and Learning in the Sciences Experimental Mouse Pad 2006, Shepard Middle School, College Day Motivational Speaker: Summer Academic and Sports Program 2005; **North Carolina Central University, Faculty**: Chair, NCCU Eagle Alumni Employees 2015–14, Digital and Online Resources for Teaching 2010, ePortfolio Preparation Workshop, Partnership with Teaching & Learning Center 2006, Multimedia, Computer Graphics, Internet Research, and Visual Productions; **North Carolina Central University, Staff**: Employee Service 2001.

### **School of Education (Digital Instrumentation)**

Created Qualtrics ® Digital Voting Instruments for—a.) 2018 SOE Faculty Vote for the Tenure and Promotion Grant Rubric; b.) 2018 SOE Faculty Vote for Competency-Based Education Program; c.) 2018 Department of Allied Professions Vote; d.) Reinstate MA in IND and Course Modifications; e.) 2017 SOE Faculty Vote for the Higher Education Proposal; f.) MSA Leadership Symposium - Summer 2018; g.) 2017 Allied Professions MSA Online Vote; h.) 2017 Allied Professions Speaker Series Recommendations; i.) 2017 Allied Professions Departmental Vote; j.) 2017 Ed. Tech. Reinstate MA in IND and Course Changes Form Approval; k.) 2017 Allied Professions Department Vote: MSA Online Program - Intent to Plan Form Approval; l.) 2017

Allied Prof. Dept. The Counselor Education Vote; m.) 2017 Allied Professions Dept. Vote to Revise Two Courses to Align with the New MA-MIS Dual Degree; n.) 2017 Allied Professions Dept. Vote for the Reinstatement of the Online Instructional Design MA with; o.) 2017 Ed. Tech. Program Vote to Revise Two Courses to Align with the New MA-MIS Dual Degree; and p.) 2017 Ed. Tech. Program Vote for the Reinstatement of the Online Instructional Design MA with a Focus on Gamification; 2017 SOE Faculty Vote for the MA-MIS Dual Degree; 2017 SOE Graduate Council Vote for the Proposed MA-MIS Dual Degree; 2017 Curriculum and Instruction Department Vote for the Proposed MA-MIS Dual Degree; 2016 The Osler Peer Course Evaluation; 2016 Moore Intentional Teaching Survey; 2016 EDU 2800 & 2801 TIFE 2016 - Technology Institute; 2015 SOE Faculty Responses to the Ergonomic E-Calculator; 2015 Technology Engagement; and the 2015 Community Service reflection/Questionnaire

**School of Education (continued)**

SOE Faculty Member: 2018–01, University Research Committee—Representative for the School of Education Faculty 2018–17, Halifax County Schools Professional Development Plan and Proposal 2017, Halifax County Schools District Needs Assessment 2017, [SOE] SPA Performance Ergonomic E-Calculator 2016, [SOE] Faculty Performance E-Calculator 2015, Coordinator: The Graduate Program in Educational Technology 2015–13, Graduate Council 2015–13 & 2003–2001, Annual Technology Institute 2015–08, Assessment Committee 2013, Eagles Nest Assessment System Sub-Committee 2013, Microsoft Teacher Education Institute (TEI) 2012, Governance Committee Chair 2011–2012, Technology Committee Co-Chair 2010–2012, Governance Committee 2011, Conceptual Framework, Organization and Graphic Design 2001–11, Faculty Senator 2007–10, Faculty Senate, Chair: Academic Policies Committee 2007–08, Faculty Senator, Member Tenure Work Group 2007–08, Co-Chair: Technology Committee 2009–08, Faculty Senator Alternate 2003–07, Educational Technology Faculty Search Committee 2007–08, Masters of Administration Faculty Search Committee 2005–07, Research Faculty Search Committee 2005–07, Professional Development Committee 2005–09, Diversity Committee 2002–07, United States Presidential Management Intern Advisor 2003–07, E-Group and Blackboard Online Community for Educational Technology Students and Alumni 2003–07, Technology Committee 2003–09, Research Seminar CREATT Candidates 2003–07, E-Portfolio Seminar CREATT Candidates 2003–07, E-Portfolio Development Committee 2003–07, Faculty Senate Alternate 2003–07, Faculty Overload Teaching Courses 2002–07, Discussion on the Future of Technology in Education with University Faculty 2001–07, School of Education: Thesis Research and Preparation, CREATT Grant Candidates 2001–07, Faculty Senator 2003–08, Multimedia ePortfolio Development ELERT Department Demonstration 2006, Technology Enhanced Learning in the Sciences (TELS) Advisor to Educational Technology TELS Fellows 2006, E-Portfolio Preparation Seminar, CREATT Grant Candidates 2006, Educational Technology Course Candidate Assessment Presentations 2005–06, EDIT 5860 Visual Literacy Course Development 2005, ELERT Department Alignment of Goals and Objectives with The School of Education Goals and the University Strategic Plan 2005, Eastway Elementary Book Bag Donation 2005, Statistics Seminar for EDGR 5910: t-Test of Independent Means for Related Samples 2005, Educational Technology Program Coordinator Search Committee 2005, ALN E-Group for Educational Technology Students and Alumni 2004, LNEB Committee 2004, CMC Committee 2004, Communications Disorders Faculty Search Committee 2004, NSSHLA: Banquet Keynote Speaker 2004, Students First Committee 2004, Teaching Fellows Interviews 2004, Educational Technology Faculty Search Committee 2003–04, Communications Disorders Search Committee 2003, Educational Technology Search Committee 2003, Palm Wireless Handheld Meeting 2003, 3rd Annual One Stop Teacher Education Shop 2003, American Association of Colleges for Teacher Education: Technology Committee 2003–05, Candidate Assessment Committee 2002–05, Invited Panelist on behalf of the School of Education PT3 Grant: Technology in Education Discussion 2002, Educational Technology Advisor: CREATT Grant Committee 2001–04, Candidate Assessment Committee 2001–03, Graduate Council 2001–02, NCATE/DPI Accreditation Arrival

Committee 2001, SUNRAY Academy 2001, POPPP Partnerships Grants Committee 2001, Building Display Committee 2001, Founder's Day 2001, IBM iMentoru Program Development Committee 2001, and Information Technology Advisory Committee 2001.

#### **Departmental/Community**

Program Coordinator: The Graduate Program in Educational Technology 2015–13, Facilitator/Online Portal Moderator SOE Sample Blackboard Faculty E–Portfolio 2013, Assessment System Model and Narrative 2013, Facilitator/Online Portal Moderator for the NCCU SOE and Hillside New Tech High School Technology Grant 2013–10, Facilitator/Online Portal Moderator for Technology Tips the NCCU SOE and University Accessible Online Resource.

#### **Grants (not Funded)**

Research Grant and Initiative on the African Continent to Conduct Research on Forced Child Labor in Rural and Non-Rural Communities 2017 (with Dr. Mahmud Mansaray and Dr. Philliph Masila Mutisya) Submitted to the Department of Labor (Large Grant); The Partnership with the NCCU FabLab to Create a Novel Maker Curriculum to Empower Global Communities 2017 (with Mr. Teiji Kimball and Dr. Philliph Masila Mutisya) Submitted to (Large Grant); The EGO University, Community and Industry Partnership 2017 (with Dr. Wynetta Lee) Submitted to (Massive Grant at \$100 Million); Developing Hypermedia E-Books and Educational Games for Education (Large Grant, Mini–Grant, and Small Mini–Grant): Submitted to Durham Public Schools, TMG Solutions, and Harvest of Hope Network Ministries Incorporated 2003–04; and TMCQ Multimedia Project for Pearsontown Elementary: A Collaborative Initiative with Ms. Deborah Eaton and Dr. Prince Hycy Bull 2003–04.

### **PROFESSIONAL DEVELOPMENT**

**North Carolina Central University, Office of Professional Development:** Problem/Project Based Learning at the Collegiate Level 2016, Problem/Project Based Learning Initial Training 2016, Millennial Learner Training 2016, and Office of Professional Development Open House 2016.

**North Carolina Central University, School of Education:** Blackboard Innovative Teaching Series [BITS] OER and Gamification of Courses 2017–18, NCCU School of Education Technology Conference 2017–09, NCCU School of Education Graduate Faculty Apply Yourself Admissions Training 2015, NCCU Faculty Blackboard Professional Development Training 2014, Apple iBook Author Training 2013, NCCU Faculty QEP Training 2013, NCCU SOE Faculty QEP Training 2013, NCCU IT Presents Faculty and Student Online Collaboration with Adobe Connect 2013, Summer Technology Institute 2013–10, Quality Enhancement Program (QEP) SOE Faculty 2013, Microsoft TEI 2012, Blackboard 9.1 2012, Interlink Alliance 2012, LLI Grant Hillside New Tech High School: Faculty Collaboration and Partnership Training Higher Ed. (NCCU SOE) With K–12 (Hillside New Tech) 2011, Microsoft Digital Literacy Certificate 2011, Faculty Retreat 2011–01, Foliotek 2009–11, FISH Training 2009, Abobe/Macromedia Contribute Web Design Software Training 2006, iTunes University & iPod Podcast Training 2006, NCATE/DPI Accreditation Readiness Workshop 2006, How Do Teacher Education Programs Connect with Diverse Families? 2006, Infusing Cultural Diversity into Course Syllabi: Families 2006, Thesis Research Seminar to CREATT Grant Graduate Students 2006, Infusing Cultural Diversity into Course Syllabi 2005, Centra 7 Software Training 2005, Elluminate Software Training 2005, Empliant Online Assessment System Training 2005, Participant: Elluminate Distance Education ALN Software 2005, Invited Speaker to 2004 CREATT Graduates 2004, Seminar Teacher Education Summit 2003, ENTech: Technology as a Strategy for Closing the Gap 2003, American Association of Colleges for Teacher Education (AACTE) 55th Annual Meeting and Exhibits 2003, NCCU Web for Faculty Training 2003, NCCU Open House (School of Education Representative and Presenter) 2003, Thesis Research Seminar to CREATT Grant Graduate Students 2003, Durham Public Schools Staff Development Center: ExplorNet ENTech Technology Integration Training 2002, North Carolina School of Science & Mathematics: Panelist for The National Consortium for Schools of Science and Mathematics: “Bridging the Digital Divide” Durham, Hilton 2002,



Participant: Web for faculty Training 2002, Participant: Blackboard Training Seminar 2002, IBM iMentoru Program Development Consultation 2001–02, SUNRAY: Preparing tomorrow’s Teachers to Use Technology 2001, SUNRAY Seminar 2001, and Presenter: Faculty Technology Workshop: Microsoft Publisher 2001; *North Carolina Central University—Professional Development, Accreditation and Technology Training: Quality Matters Distance Education: Applying the Quality Matters Rubric Workshop 2013, Quality Enhancement Program (QEP) University Faculty 2013, Blackboard 9.1 2012, MS Access Training 2009, Distance Education Training 2006, Faculty Den Blackboard Training, Information Technology New MyEOL/WebVPN Website Training 2007, Macintosh Podcast Web-based Server Upload Training 2007, Online Blackboard Faculty Development Seminar 2007, Self Service Banner Online Training 2007, and International Education and Cultural Exchange: Hyderabad and Chennai, India 2003; North Carolina State University—Continuing Education Courses Completed for Licensure (Post Doctorate) 2004–03: ECI 652: Internship in Instructional Technology: Computers (3 Credit Hours), ECI 518: Program and Staff Development in Instructional Technology (3 Credit Hours), and ECI 515: Internet Applications and Web Design in K–12 Settings (3 Credit Hours); North Carolina Central University—Continuing Education Courses Completed for Licensure (Post Doctorate) 2004–03: ARTE 2610: Art Education I (3 Credit Hours), ARTE 3610: Art Education II (3 Credit Hours), and ARTE 4610: Art Education III (3 Credit Hours); University of North Carolina at Chapel Hill—Post-Doctoral Leadership Training, University Management Development Program 2002: Professional Development & Training: Leadership Development, Strategic Planning, Change Management, Managing Conflict, Facilitating Meetings, Project Management, and The Changing American Workforce Office of Human Resources.*

### **ORGANIZATION MEMBERSHIPS**

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North East Baptist Church (Associate Minister, Clergy); North East Baptist Church (Member); Academy of Process Educators; Academy of Innovative Educators; IGI Global Outstanding Scholar; I Am My Brother’s Keeper of NC; Faculty Row; E-Learning Heroes; Immersive Education; Southpoint Academy PTSO; State Employees Association of North Carolina; Worldwide Who’s Who; Montclair Who’s Who In Collegiate Faculty; Who’s Who Among Executives and Professionals; Who’s Who Among American Graduate Teachers; Who’s Who Among American Graduate Students; Who’s Who Among American College Students; North Carolina Central University Shepard Society; Alpha Kappa Mu National Honor Society (1990–91); Alumnus, United States Achievement Academy (1991); Alumnus, North Carolina Central University Graduate Student Association (1990–91); Alumnus, North Carolina Central University Chancellor’s Scholarship (1986–90); Alumnus, United States Military Veteran’s Child Scholarship (1986–90); North Carolina Central University Alumni Association, Inc. (Class of 1990 [Undergraduate] Class of 1991 [Graduate]); North Carolina State University Alumni Association (Class of 1996 [Graduate]); South Atlantic Philosophy of Education Society (2003–04); The Potentialis Center Advisory Board (2003–07); and The Innovative Integrated Inventors Association (2009–11).

### **AWARDS, ACCOLADES, AND MILESTONES**

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Award for 25 Years of Service to NCCU and the State of North Carolina	2018
Promotion to Full Professor in the School of Education	2018
Navigators Certificate of Appreciation	2018
Proclamation by the City of Pittsburgh, Pennsylvania: Office of the Mayor	2017
Journal on Mathematics Certificate of Acceptance	2017
Marquis Who’s Who Registry	2017
Church of GOD in Christ Black History Award for Distinguished Community Service	2017

IGI Global Outstanding Scholar Award	2017
JDC Early College High School Commencement Speaker Appreciation Award	2017
NCCU Staff Senate Award for Passion, Commitment, and Service	2017
NCCU Certificate of Achievement – Exceeding Expectations for Post Tenure Review	2017
NCCU Certificate of Appreciation – Masters of School Administration Graduates	2017
NCCU SOE Eagle Excellence Awards – Dept. of Curriculum & Instruction	2017
NCCU SOE Eagle Excellence Awards – Dept. of Curriculum & Instruction	2016
NCCU SOE Eagle Excellence Awards – Dept. of Curriculum & Instruction	2015
National Council of American Executives: Top Ranked Executive	2014
NCCU First Chancellor’s Award for Innovation [For Innovative Faculty Research]	2014
Paralyzed Veterans of America: Recognition Award	2014
NCCU SOE Eagle Excellence Awards – Dept. of Curriculum & Instruction	2014
NCCU SOE Eagle Excellence Award – Dept. of Curriculum & Instruction	2013
IAMBKNC Iron Sharpens Iron Award	2013
NCCU SOE Eagle Appreciation Award – Leadership Transition	2012
Worldwide Who’s Who recognized Collegiate Faculty & Executives	2012
Montclair Who’s Who in Collegiate Faculty	2011
Tenure in the School of Education	2008
Promotion to Associate Professor in the School of Education	2008
NCCU University Award for Teaching Excellence	2008
NCCU Faculty Senate Award for Scholarly Achievement	2007
NCSU 100 Most Influential Black Alumni	2007
NCCU Outstanding Service Award African American Male Conference	2006
AAER Research Fellow Award: Outstanding Research in Con. Ed. [Advisor]	2005
AAER Research Fellow Award: Outstanding Research in Ed. Tech. [Advisor]	2005
Assistant Professor in the School of Education	2004
Outstanding Poetry Award: International Library of Poetry	2004
Who’s Who Among America’s College and University Teachers	2003
Interim Program Coordinator Educational Technology in the School of Education	2001
NCCU Employee Recognition Award for Outstanding Service	2001
Assistant Director in the Learning Resources Center – Academic Affairs Division	1992