

Roger Geertz Gonzalez, Ph.D.

Curriculum Vitae

215A S 19th St
Camp Hill, PA 17011
Home: 717-602-5523
rothgar@udel.edu

Github Repositories:
<https://github.com/Rothgargeert>

Artificial Intelligence Center for Excellence/University of Delaware
<https://sites.udel.edu/ai/affiliated-faculty/>

Data Science Institute/University of Delaware
<https://dsi.udel.edu/faculty/>

EDUCATION

| <u>Degree</u> | <u>Institution</u> | <u>Field</u> | <u>Dates</u> |
|---------------|---|--|---|
| Ph.D. | Harrisburg University of Science and Technology (HU) (10% admissions rate) | Data Sciences: Focusing on Machine Learning & Natural Language Processing, GPA 4.0 | May 2019- April 28, 2022 conferred |

Dissertation title/topic: *Machine Learning and Natural Language Processing for Predicting Zoonoses in Wildlife Trade.*

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| Ph.D. | The Pennsylvania State University | Higher Education, Minor in Comparative/ International Education & Cognate in Political Science, 3.7 GPA | Dec. 2005 conferred |
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Dissertation Title/Subject: *How a university civically engages students: A comparative ethnography of Cuban Americans and non-Hispanic Whites*

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|---------------------------|---|---|-----------------------|
| Master of Science Student | Harrisburg University of Science and Technology | Analytics-4.0 GPA; Transferred to Ph.D. in Data Sciences; Courses completed: <i>ANLY 500: Analytics I: Principles and Applications & ANLY 502: Analytical Methods I</i> | Jan.2019- May 2019 |
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|------|-----------------------------|-------------------------|-----------------------|
| M.A. | Florida Atlantic University | Languages & Linguistics | May,1997 conferred |
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| B.A. | University of | English Literature and | December, |
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Miami

Minor in French/German 1992
conferred**CERTIFICATIONS**

| | |
|--|--------------|
| Generative AI in Large Language Models- DeepLearningAI/Coursera | (In Process) |
| Introduction to Machine Learning In Production-DeepLearningAI/Coursera | 7/2023 |
| Introduction to Data Science Coursera-University of Michigan | 10/2020 |
| Biomedical Data or CITI Specimens Only Research | 3/2020 |
| Databases for SQL and Data Science with Python Coursera-IBM | 9/2019 |
| Data Science Methodology Coursera-IBM | 8/2019 |
| Python for Data Science, AI, & Development Coursera-IBM | 8/2019 |
| Tools for Data Science Coursera-IBM | 8/2019 |
| What is Data Science? Cousera-IBM | 8/2019 |
| Learning SQL Programming Linkedin Learning | 7/2019 |
| Deep Learning: Image Recognition Linkedin Learning | 7/2019 |
| Artificial Intelligence Foundations: Neural Networks Linkedin Learning | 5/2019 |
| Artificial Intelligence Foundations: Machine Learning Linkedin Learning | 5/2019 |
| Quality Matters Teaching Online Certificate | 7/20/17 |
| National Protecting | 6/15/17 |

Institutes of
Health-
Certificate
Number: 2418292

Human
Research
Participants

ACADEMIC EXPERIENCE

| | | | |
|--|---|--|--|
| University of Delaware College of Business & Economics/ Department of Accounting & Management Information Systems | Assistant Professor- Management Information Systems; Delaware Energy Institute, Data Science Institute & AI Center of Excellence Affiliate Researcher | Teach MSI 261- <i>Business Information Systems & MSI 262- Fundamentals of Business Analytics</i> Publish and present data science research. | 8/21-Present |
| Harrisburg University of Science and Technology | Research Fellow & Instructor | Ph.D. program in Data Sciences ANLY 500- Principles of Analytics I | 5/2019- 4/2021 (2-year fellowship) Jan.2021-April 2021 |
| Walden University | Contributing Faculty/ Dissertation Chair/ & University Research Reviewer | Administration & Postsecondary Education Ed.D. Program/ Qualitative Research | 03/17-07/19 04/18-07/19 |
| Drexel University | Associate Clinical Professor | Higher Education | 08/13-08/16 |
| FIU | Assistant Professor/Affiliated Faculty-Program in the <i>Center for The Study of Spirituality/</i> Research Associate- <i>Center for Urban Education & Innovation</i> | Higher Education | 03/05-05/13 |

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| FIU | Visiting Assistant Professor | Higher Education | 01/05-03/05 |
| Barry University | Assistant Professor | Higher Education | 09/03-05/04 |
| The Pennsylvania State University | Graduate Teaching Assistant | Educational Theory & Policy: EDTHP 115-Education in American Society | 01/01-05/02 |
| Florida Atlantic University | Graduate Teaching Assistant | Spanish I & II | 08/93-5/97 |
| Florida Atlantic University | Graduate Teaching Assistant | English I, II, Business English, & Rhetoric | 01/94-5/97 |
| Cultural Center for Language Studies (Miami, FL) | Instructor | English as a Second Language | 01/93-9/93 |

ADMINISTRATIVE/STUDENT AFFAIRS EXPERIENCE

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|-----------------------------------|---|--|-------------|
| Florida International University | Program Coordinator/ SACS, NCATE & Graduate School Reaccreditation Coordinator | Master of Science in Intercultural/ International Education | 08/09-12/12 |
| The Pennsylvania State University | Co-Director | Summer Research Opportunity Program | 05/02-08/02 |
| The Pennsylvania State University | Director & Residential Supervisor | Minority Engineering Program: Summer Program | 05/01-08/01 |
| The Pennsylvania State University | Co-Instructor/ Bunton-Waller Scholarship Recipients | Multicultural Resource Center: Diversity & Civic Engagement/First Year Course | 08/01-12/01 |
| The Pennsylvania State University | Undeclared Major Student Advisor | First-Year Testing, Counseling, and Advising Program | 05/00-08/00 |

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|---|---------------------------|---------------------|------------|
| Florida Atlantic University | Assistant to the Director | Graduate Admissions | 1/97-12/97 |
| Florida Atlantic University | Admissions Counselor | Admissions Office | 1/96-12/96 |
| Palm Beach Community College (Now Palm Beach State College) | Test Proctor | Testing Office | 1/95-12/95 |

PUBLICATIONS IN PROGRESS FOR PH.D. IN DATA SCIENCES (All peer reviewed)

Articles

Geertz Gonzalez, R. (2023). Random Forest feature importance results predict zoonoses in villages with large households and where participants have many animals. (Submitted to *BMC Infectious Diseases*, Under Review; **medRxiv preprint: May 5, 2023**, doi: <https://doi.org/10.1101/2023.05.04.23289530>).

Geertz Gonzalez, R. (2023). Using machine learning classifiers to predict zoonoses. (Submitted to *BMC Bioinformatics*, Under Review; **medRxiv preprint May 10, 2023**, doi: <https://doi.org/10.1101/2023.05.06.23289606>).

Geertz Gonzalez, R. (2023). Natural Language Processing to identify zoonosis awareness. (Submitted to *Information Processing and Management*, Under Review; **medRxiv preprint May 14, 2023**, doi: <https://doi.org/10.1101/2023.05.06.23289607>).

Working Papers

Geertz Gonzalez, R. Deep learning to predict heart disease using the 2020 CDC Survey.

Geertz Gonzalez, R. Natural Language Processing to classify long Covid symptoms.

Geertz Gonzalez, R. Synthetic EHR data creation by ChatGPT to compare with real data and test deep/machine learning algorithms.

Geertz Gonzalez, R. Topic modeling of EHR data to identify common disease complications.

CONFERENCE PAPERS IN PROGRESS FOR PH.D. IN DATA SCIENCES (All peer reviewed)

Geertz Gonzalez, R. & Patil, B. (2023). Using Random Forests to predict zoonoses via survey features and blood serology results: The Cambodia case, 2017-2018.

(Submitting to *INFORMS Healthcare 2023*, July 2023).

Geertz Gonzalez, R. & Patil, B. (2023). Comparing classifier performances to predict zoonoses via survey features and blood serology results: The Cambodia case, 2017-2018. (Submitting *INFORMS Healthcare 2023*, April 2023).

Geertz Gonzalez, R. & Patil, B. (2023). Text mining to predict zoonoses via survey features and blood serology results: The Cambodia case, 2017-2018. (Submitting to *INFORMS Healthcare*, April 2023).

CONFERENCES ATTENDED: DATA SCIENCES

Bravo-Prieto, C., Garcia-Martin, D., & Latorre, J.I. (2020). Quantum singular value decomposer. **Attended.** *Quantum Research Seminars Toronto.*

Liu, N. (2020). Taking advantage of noise to protect quantum machine learning algorithms from adversaries. **Attended.** *Quantum Research Seminars Toronto.*

SERVICE: DATA SCIENCES

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| Search Committee Member | University of Delaware Lerner College of Business/ Accounting and Management Information Systems: Assistant Professor Teaching Faculty Search- Business Analytics-Two positions | 8/22-4/23 |
| Judge | University of Delaware Lerner Business Analytics Case Competition | 1/22-5/22 |
| Reviewer | Computer Science and Information Technology: <i>Horizon Research Publishing</i> | 4/20-Present |

DATA SCIENCE SKILLS

- Google Cloud (In Process)
- R/RStudio
- Python
- ChatGPT for EHR synthetic data creation and testing machine/deep learning algorithms
- Machine Learning: Linear Regression, Logistic Regression, Random Forest, Decision Tree, Naïve Bayes, Support Vector Machine, k-means, knn, Principal Component Analysis, Hierarchical Clustering, and Artificial Neural Network
- Exploratory Data Analysis-Visualizations (R/RStudio: ggplot2, Tableau, Python: seaborn/matplotlib)
- Statistics t-test, ANCOVA, and multivariate data analysis
- Predictive analytics
- Google Colab
- Natural Language Processing
- Excel Analytic Solver (Simulation & Optimization) and Analysis Toolpak (Statistics)

- RapidMiner Studio

PUBLICATIONS IN FIRST PH.D. IN HIGHER EDUCATION (All are peer reviewed)

Articles

- Geertz Gonzalez, R. (2017). Internationalization at a German university: The purpose and paradoxes of English language Master's and doctoral programs. *International Education Journal: Comparative Perspectives*, 16, 2, 32-45.
- Geertz González, R. (2016). An ecological perspective of Latina/o college student ethnicity. *Diaspora, Indigenous and Minority Education: Studies of Migration, Integration, Equity, and Cultural Survival*. DOI: 10.1080/15595692.2016.1182016
- Geertz González, R. & Morrison, J. (2015). Culture or no culture?: A Latino Critical Research analysis of Latina/o persistence research. *Journal of Hispanic Higher Education*. 1-22. DOI: 10.1177/1538192715579460
- Geertz González, R. (2012). Same and different: Latino college students' perceptions about themselves and others on campus. *Journal of Hispanic Higher Education*, 12, 1, 3-22.
- Geertz González, R. (2012). Turkish German access to higher education: An historical, democracy theory policy analysis: 1960-2010. *Intercultural Education*, 23, 2, 105-117.
- Geertz González, R. (2011). Political awareness and engagement among Latinas/os at an urban, commuter college campus. *Journal of Civic Commitment*, 17, 1-13.
- Geertz González, R. (2010). Ethnic identity at a Hispanic Serving Institution. *Journal of Latinos and Education*, 9, 4, 284-302.
- Geertz González, R. & Colangelo, P. (2010). The development of Indigenous higher education: A comparative, historical analysis of Australia, Canada, New Zealand, and the U.S., 1880-2005. *Journal of American Indian Education*, 29, 3, 3-23.
- Geertz González, R. (2008). College student civic development and engagement at a Hispanic Serving Institution. *Journal of Hispanic Higher Education*, 7, 4, 287-300.
- Geertz González, R. (2008). College student spirituality at a Hispanic Serving Institution. *Journal of College and Character*, 9, 4, 1-26.
- LeTendre, G. K., **Geertz González, R.**, & Nomi, T. (March 2006). Feeding the elite: The evolution of elite pathways from star high schools to elite universities. *Higher Education Policy*, 19, 1, 7-30.

Chapters/Sections in Books and Encyclopedias (Peer reviewed)

- Geertz González, R. (2008). From creation to cultural resistance and expansion: Research on American Indian higher education. In Benjamin Baez, (Ed.). *Higher education: Handbook of theory and research*, 23, 299-327.
- Heller, D. **The author acknowledges the research assistance of Roger Geertz González** and Kimberly Rogers on portions of this article. (2004). State merit scholarship programs. In E. P. St. John (Ed.), *Public policy and college access: Investigating the federal and state roles in equalizing educational opportunity* (Vol. 19, Readings on Equal Education, pp. 99-108). Brooklyn, NY: AMS Press, Inc.
- Heller, D.H. & Bjorklund, S.A. **with research assistance from Geertz González, R.** (2004). Student financial aid and low-income mothers. In V. Polakow, S. S. Butler, L. D. Deprez, & P. Kahn (Eds.), *Shut out: Low income mothers and higher education in post-welfare America*. New York: State University of New York Press.
- Heller, D.H. **The author acknowledges the research assistance of Roger Geertz Gonzalez for work on portions of this chapter.** (2002). State merit scholarship programs: An introduction. *Who should we help? The negative social consequences of merit scholarships*. Cambridge, MA: The Civil Rights Project at Harvard University.
- Geertz González, R. (2002). American Indian students. In A. Martinez-Aleman & Renn, K. A. (Eds.). *Women in Higher Education: An Encyclopedia*. Santa Barbara, CA: ABC-CLIO Publishers.
- Geertz González, R. (2002). Bayh-Dole Act. In J.J.F. Forest & K. Kinser (Eds.), *Higher Education in the United States: An Encyclopedia*. Santa Barbara, CA: ABC-CLIO Publishers.
- Geertz González, R. (2002). Politically correct. In J.J.F. Forest & K. Kinser (Eds.), *Higher Education in the United States: An Encyclopedia*. Santa Barbara, CA: ABC-CLIO Publishers.
- Geertz González, R. (2002). Postdoctoral research. In J.J.F. Forest & K. Kinser (Eds.), *Higher Education in the United States: An Encyclopedia*. Santa Barbara, CA: ABC-CLIO Publishers.

Government Reports or Monographs

- Heller, D. **With technical assistance from Geertz González, R.** (2002). Chapter 1: State merit scholarship programs: An introduction, in *State merit scholarships and racial inequality, a report by The Civil Rights Project at Harvard University*. (<http://www.civilrightsproject.harvard.edu/research/meritaid/fullreport04.php>)
- Colbeck, C. and **Geertz González, R.** (December 2001). *Critical issues in Pennsylvania Higher Education: Community college governance and finance-A report to the*

State Board of Education of Pennsylvania.

Colbeck, C. With technical assistance from **Geertz, González, R.** and Heller, D. (December 2001). *Critical issues in Pennsylvania Higher Education: Financing higher education-A report to the State Board of Education of Pennsylvania.*

(<http://www.ed.psu.edu/cshe/pdfs/Colbeck%20PA%20State%20HE%20Finance%20Whi>)

Conferences: Ph.D. in Higher Education

Geertz González, R. (2015). *The internationalization of a German university: English language Master's and doctoral programs, the state, and the New Nationalism.* Comparative and International Education Society (CIES Annual Meeting). Washington, D.C.

Geertz González, R. (2011). *Indigenous higher education's rise in Bolivia: A policy history.* Comparative and International Education Society (CIES Annual Meeting). Montreal, Quebec.

Geertz González, R. (2010, November). **Discussant.** *Session I-Perspectives on intercultural learning and study abroad.* Association for the Study of Higher Education (ASHE Annual Meeting). Indianapolis, Indiana.

Geertz González, R. (2009, April). *Latino college student group consciousness and political participation: National origin, panethnic, or racial?* American Educational Research Association-Division J: Postsecondary Education (AERA annual meeting). San Diego, California.

Geertz González, R. (2008, March). *Between mass and universal higher education: Ranking and classifying civic engagement in the U.S. and Europe.* Comparative and International Society (CIES annual meeting). New York, NY.

Baez, B., Musoba, G., & **Geertz González, R.** (2007, November). *Undocumented students: Making the invisible visible.* Association for the Study of Higher Education (ASHE annual meeting). Louisville, KY.

Geertz González, R. (2007, April 29). Attended *Student Affairs Graduate Association (SAGA) Master's thesis research conference.* Florida International University. Miami, FL.

Geertz González, R. (2007, April 28). **Moderator:** *Session 3-Policy issues and School Reform.* Fifth Annual College of Education Research Conference: Florida International University.

Geertz González, R. (2006, November 2-4). **Discussant and Presenter:** *Diversity, culture, and higher education: From theory to practice.* Association for the Study of Higher Education. (ASHE annual meeting). Anaheim, California.

- Geertz González, R. (2006, November 2-4). *The ethnic identity development of Cuban American and Non-Hispanic White college students at a Hispanic Serving Institution*. Association for the Study of Higher Education. (ASHE annual meeting). Anaheim, California.
- Geertz González, R. & Colangel, P. (2006, March 14-16). *The development and recognition of governmental higher education policies: A comparative analysis of Australia, Canada, New Zealand, and the U.S., 1492-2005*. 50th Anniversary Celebration Comparative and International Education (CIES) Conference: Rethinking the Comparative. Hawai'i Convention Center. Honolulu, Hawai'i.
- Geertz González, R. (2006, April 28). **Moderator:** *Session –Dean's Roundtable*. Fourth Annual College of Education Research Conference: Florida International University.
- Geertz González, R. (2002, July 20). *How I learned to quit worrying and love graduate school*. **Moderator:** SROP Consortium of Institutional Cooperation (CIC) Conference, The Pennsylvania State University (PSU), University Park, PA.
- Geertz González, R. (2001, August 25). *Fifth annual professional development and retention conference*. **Panelist:** Sponsored by the Graduate School, PSU, University Park, PA.
- LeTendre, G. K. & **Geertz González, R.** (2001, March 14-17). *The role of elite feeder schools in the U.S. and Japan*. 2001 45th Annual Comparative and International Education Society (CIES) meeting: Global resonance and resistance: Alternatives for educational policy, practice, and transformation. Washington, D.C.
- Colbeck, C., **Geertz González, R.** & Prabu, R. (2000, November 16-19). *Inducing at a distance: Multi-site qualitative research teams*. Annual Association of the Study of Higher Education (ASHE) meeting. Sacramento, CA.
- Colbeck, C., **Geertz González, R.** & Prabu, R. (2000, June 23-24). *Feeding the nearest alligator: How faculty balance teaching and other responsibilities*. From theory to practice: An anniversary symposium. PSU, University Park, PA.

Grants Submitted

September 1, 2014-December 31, 2017 (Not funded).

Grant Source: State Department: Bureau of Educational and Cultural Affairs

Amount: \$2.3 million

Proposal Title: *Community College Administrator Program: Drexel University and Northampton Community College*

Principle Investigator: Dr. Manuel Gonzalez and (Co-Principle Investigator and Evaluator) Dr. Roger Geertz González

Goals: Partnership between Northampton Community College and Drexel

University to deliver a week-long executive dialogue and program overview segment focusing on approaches of the U.S. community college sector to educational development issues, followed by a structured five-week seminar on such aspects of U.S. community college administration as leadership, governance, finance, student affairs and student services, program assessment, workforce development, private sector partnerships, community engagement, technology, and distance learning.

May 2014-July 2016

Grant Source: Drexel University School of Education Faculty Development Grant

Amount: \$4000 per year for 5 years (Faculty Development Funds)

Title: *The internationalization of a German university*

Principle Investigator: Dr. Roger Geertz González

Goals: Interview faculty, staff, and students participating in English language Master's programs at the University of Hamburg in Germany to determine the role of the state's "New Nationalism" or loosening of Germany's citizenship laws.

September 2012-December 2013 (Not funded)

Grant Source: U.S. Department of Education.

Amount: \$164,819

Title: Internationalization through Simulation.

Principle Investigators: David Twigg (Project Director) and Dr. Roger Geertz Gonzalez (Evaluator)

Goals: Have political science undergraduate majors incorporate international simulations to learn about political and civic engagement processes around the world.

January 2010

Grant Source: Florida International University College of Education

Amount: \$1000

Title: *Ethnic Identity at a Hispanic Serving Institution.*

Principle Investigator: Dr. Roger Geertz González

Goals: Faculty Development Grant from Florida International University to transcribe interviews of Latina/o students that described their ethnic identity.

September 2010-December 2013 (Not funded)

Grant Source: Funding for the Improvement of Postsecondary Education (FIPSE)

Amount: \$600,000

Title: Internationalization through Simulation.

Principle Investigators: David Twigg (Project Director) and Dr. Roger Geertz Gonzalez (Evaluator)

Goals: Have political science undergraduate majors incorporate international simulations to learn about political and civic engagement processes around the world.

September 2005-December 2010 (Not funded)

Grant Source: W.T. Grant Foundation: W.T. Grant Scholars Program

Amount: \$300,000

Title: A Five-Year Longitudinal Study of College Student Civic Development at a Hispanic Serving Institution.

Principle Investigators: Dr. Roger Geertz Gonzalez

Goals: Survey and interview sophomore and junior undergraduates at Florida International University over 5 years to see how they participate in civic engagement activities and how they develop civic engagement skills.

COMMENTARIES/INTERVIEWS/REVIEWS

Matthews, D. (29, July, 2017). *Study finds resistance to teach in English*. Times Higher Education. (<https://www.timeshighereducation.com/news/study-finds-european-resistance-to-teaching-english>) [Interview about my research about internationalization study at the University of Hamburg, Germany].

Geertz Gonzalez, R. (2000). Lost memories, found lives. Book review of DeCoste and Schwartz's *The Holocaust's ghosts: Writings on Art, Politics, Law and Education, 2000*. (<http://www.popmatters.com/review/holocausts-ghost/>)

RESEARCH/TEACHING SKILLS

- R
- R Studio
- Statistics: Basic through MANOVA
- Multivariate Data Analysis: PCA, DFA, Factor Analysis, Variable Clustering
- Machine Learning: Decision Tree, Random Forest, Naïve Bayes, Linear/Logistic Regression, Support Vector Machine, K-Means Clustering, & Hierarchical Clustering
- IBM Cloud: Jupyter Notebook & Databases
- SAS
- Python
- Orange
- RapidMiner
- Optimization and Data Modeling
- Web 2.0 Technologies
- Turnitin
- Qualitative interviewing, coding, and analysis (N6, ATLAS.ti)
- Accreditation

- Evaluation & Assessment
- Historical methods
- Political Science research methods
- Case Study
- Ethnography
- Phenomenology
- Moodle
- Blackboard
- iWebfolio
- Voice Board
- Taskstream
- College Writing Computer Lab
- Spanish Language Learning Lab

LANGUAGES

- **Spanish & English**-Native bilingual speaking, reading, and writing fluency.
- **French**-Advanced speaking, reading, and writing fluency.
- **German**-Intermediate speaking and writing fluency. Advanced reading fluency.

TEACHING

Higher Education, International & Intercultural Education, Foundations of Education, & Teaching Diverse Populations
(Courses taught *hybrid or bricks and mortar, or **online)

University of Delaware

MISY 261-Business Information Systems

MISY 262-Fundamentals of Business Analytics

Harrisburg University of Science & Technology

ANLY 500 **Principles of Analytics I: Intro to data science, R, visualizations/graphs, regression, comparing means, and ANOVA

Walden University

EDDD 8900 **Completing the Prospectus

EDDD 8990 **Completing the Doctoral Capstone

EDDD 8032 **Planning and Evaluation in Higher Education (Ed.D. course)

EDDD 8116 **The Art of Teaching Online (Graduate Certificate course)

Drexel University

EDUC 804 *Study of Educational Organizations and Programs
Through Evaluation and Assessment Design

EDUC 880 *Research Seminar

EDUC 802 *Using and Integrating Learning Technologies

EDUC 836 *Qualitative Research Design and Data Analysis II

- EDUC 810 *Research Design II
- EDHE 500 **Foundations of Higher Education
- EDHE 520 **Student Development & Management
- EDHE 540 **Outcomes, Assessment, and Continuous Improvement
- EDHE 662 **Critical Issues in Student Affairs
- EDGI 506 **Comparative Higher Education Systems

Florida International University

- EDH 6055 *Access and Choice in U.S. Higher Education
- EDH 7065 **Higher Education Philosophical and Historical Perspectives
- EDA 7236 *Law and Higher Education
- EDH 7401 *Higher Education and Public Policy
- EDF 6925 *Special Topics: Assessment in Higher Education
- EDH 7052 *Introduction to Student Services and Organizational Theory
- EDF 6636 **Intercultural Education: A Quantitative and Qualitative Analysis
- EDF 6852 **Educational Development Issues in Context: A Multidisciplinary Context
- EDF 6858 **Selected Topics: International Development: Current Policy Issues and Problems
- EDF 6906 **Directed Study in International Development Education
- EDF 6850 **International Development Education: Contemporary Planning Models
- EDF 4604 **Cultural and Social Foundations of Education
- EDG 2085 *Teaching Diverse Populations

Barry University

- HED 726 *Governance in Higher Education
- HED 730 *Higher Education and the Law
- HED 745 *Seminar in Higher Education Administration
- HED 646 *College Student Development (Developed New Course)
- EDU 587 *Student Services Work in Higher Education

DISSERTATIONS AND MASTER'S THESES/PROJECTS:

Major Professor

Rivera, Jessica. The experiences of Latinx first-generation students within a college. (Ed.D., Walden University, **in progress**).

Strickland, Laura. Closing the college graduation gap for African American students (Ed.D., Walden University, **in progress**).

Appel, Anize. Exploring the effects of the HIV/AIDS pandemic on teacher retention at a Zambian school. (Ed.D. **Doctoral dissertation defended**, Drexel University, **Spring 2014**).

Marin, Nilo. *The Impact of Classroom Performance System Learning Gains in a Majors Biology Course*. (Ed.D. **Doctoral dissertation defended**, Florida International

University, **Spring 2013**).

Nyangoro, Claudette. *Globalization and the Public Provision on Higher Education: Empirical Evidence from Selected Countries*. (Ed.D. **Doctoral dissertation defended**, Florida International University, **Spring 2013**).

Guerra, Jorge. *Career Technical Education Adjunct Faculty Teacher Readiness: An Investigation of Teacher Excellence and Variables of Preparedness* (Ed.D. **Doctoral dissertation defended**, Florida International University, **Fall 2012**).

Tonge, Carolyn. *Predicting the In-Term Persistence of Community College English-As-A-Second-Language Students* (Ed.D. **Doctoral dissertation defended**, Florida International University, **Spring 2011**).

Arneson, Eric. *The Self-Perceived Effects on Residential Faculty That Result From Outside of the Classroom Interactions with Students* (Ed.D. **Doctoral dissertation defended**, Florida International University, **Fall 2011**).

Doctoral Committee Member

Richardson, Adrienne. The importance of college campus climate and culture on graduating and retaining students of color. (Ed.D. proposal in progress, Walden University). Chair, James Valadez.

Stetson, Eliot. The factors for success for veteran learners returning to community college. (Ed.D. proposal in progress, Walden University). Chair, TBD.

Smith, Dramitrice T. Faculty perspectives about low retention rates among African American males in Historically Black Colleges and Universities. (Ed.D. proposal in progress, Walden University). Chair, Dr. Edward Kim.

Han, Yun. Foreign language anxiety relating to students' performance in DLI context. (Ed.D. proposal in progress, Walden University). Chair, Dr. Suzy Harney.

Hills, Sara. Exploring minority student perceptions of the effects of campus culture on minority student academic and social integration at a predominantly White college. (Ed.D. dissertation defended, **Winter 2015**, Drexel University). Chair, Dr. Joyce Pittman.

Cygan, Brian. Technical college choice: An action research, mixed methods study of a technical college seeking to matriculate more students. (Ed.D., Doctoral dissertation defended, Drexel University, **Summer 2014**). Chair, John Gould.

Riaz, Omar. *Spirituality and Transformation Leadership in Education*, (Ed.D. Doctoral dissertation defended, Florida International University, **Summer 2012**). Chair, Peter Cistone.

Medero, Iilda. *The Effectiveness of Three Types of Required Health and Wellness Courses in Developing Health Related Factors, Self-Efficacy and Knowledge on Health Issues and Exercise Performance Among Diverse College Students*. (Ed.D. Doctoral

dissertation defended, **Summer 2012**, Florida International University). Chair, Dr. Glenda Musoba.

Floyd, Andrea. *The Relationship Between Staff Perceptions of Principal Leadership and School Performance*. (Ed.D. Doctoral dissertation defended, Florida International University, **Fall 2012**). Chair, Dr. Peter Cistone.

Klein, Jayne. *Swimming Against the Tide: A Study of Community Center Seeking to Empower Inner-City African American Youth* (Ed.D. Doctoral dissertation defended, **Fall 2011**). Chair, Dr. Glenda Musoba.

Quinn, Colleen. *Collective Bargaining and Faculty Unionization: An Administrative Perspective* (Ed.D. Doctoral dissertation defended, **Fall 2011**). Chair, Dr. Benjamin Baez.

Perez, Katheryn. *GRE as a Predictor of Graduate Student Success at Florida International University* (Ed.D. Doctoral dissertation defended, **Spring 2011**). Chair, Dr. Len Bliss.

Culver, Lyle. *The International Travel Experiences of Students in Architectural Design Programs* (Ed.D. Doctoral dissertation defended, **Spring 2011**). Chair, Dr. Benjamin Baez.

Rachelson, Anouchka. *The Role of Community College Faculty in the Teaching of Sustainable Development* (Ed.D. Doctoral dissertation defended, Florida International University, **Fall 2010**). Chair, Dr. Benjamin Baez.

Tella, Oluyinka. *International Education and the "Post-9/11" Syndrome: A Study of International Education in Selected Miami-Area Colleges* (Ed.D. Doctoral dissertation defended, Florida International University, **Fall 2010**). Chair, Dr. Benjamin Baez.

Onorato, Suzanne. *Developing A Leadership Identity: A Case Study Exploring a Select Group of Hispanic Women at a Hispanic Serving Institution*. (Ed.D. Doctoral dissertation defended, Florida International University, **Summer 2010**). Chair, Dr. Glenda Musoba.

Proctor, Avis. *The Relationship Between the Secondary Mathematics Curriculum, College Persistence, and Success at an Urban Community College* (Ed.D. Doctoral dissertation defended, Florida International University, **Fall 2010**). Chair, Dr. Glenda Musoba.

Owls, Vicky. *The Experiences of Cuban American Women Attending a Hispanic Serving Institution and the Influences on Identity Development* (Ed.D. Doctoral dissertation defended, Florida International University, **Spring 2009**). Chair, Dr. Glenda Musoba.

Bessler, Timothy S. *Private Higher Education Policy in Ohio, 1980-2006: A Case Study Demonstrating the Usefulness of Zumeta's Public Policy Posture Model* (Ed.D. Doctoral dissertation defended, **Fall 2009**). Chair, Dr. Benjamin Baez.

Walden University/University Research Reviewer (URR)-Qualitative Research

Morris, Claudia Beverley. *Coteachers' perceptions about collaborating to implement instructional strategies for students with disabilities*. Ed.D. in Special Education. Dissertation proposal. URR passed. Spring 2018. Walden University.

Walker, Mary. *Practical Nursing students' perceptions of facilitators and barriers to graduation*. Ph.D. in Nursing. Dissertation proposal. URR passed. Spring 2018. Walden University.

Master's of Science in Higher Education CO-OP Project Panel Member

Arnold, Mari-Kathryn. *African American Leadership in Proprietary Higher Education and Its Effects on Student Satisfaction*. **Drexel University, Winter 2015**.

Chair, Dr. Greg Nayor.

Master's Thesis (Higher Education) Committee Member

Ibuka, Esperance. *The Role of Civil War on Higher Education in Rwanda*. (Master of Higher Education thesis defended, Florida International University, **Summer 2011**).

Chair, Dr. Benjamin Baez.

PROFESSIONAL HONORS, PRIZES, FELLOWSHIPS

| <u>Honors/Awards</u> | <u>Date</u> | <u>Total</u> |
|--|--------------------|--|
| Ph.D. in Data Sciences, Harrisburg University of Science and Technology, Research Fellowship | Fall 2019-2021 | Full Tuition, Remission, & Stipend (\$40,000 per year) |
| School of Education, Drexel University, Faculty Development Fund | 2014 | \$4000-University of Hamburg case study research trip to interview faculty |
| College of Education, Florida International University, Dean's Research Grant | 2011 | \$1000-Qualitative Interview Transcriptions |
| College of Education Alumni Society Research Initiation Grant (for Dissertation Research), The Pennsylvania State University | 2003-2004 | \$600 |
| University Graduate Fellowship- Ph.D. Program in Higher Education, The Pennsylvania State University | 1999-2002 | Full Tuition, Remission & Stipend |
| Graduate Assistantship- Ed.D. Program in Higher Education, Florida International University | 1998-1999 | Full Tuition Remission & Stipend |
| Graduate Assistantship, Department of | 1993-1997 | Master's Tuition & |

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|---|-----------|-------------------------------|
| Languages and Linguistics, Spanish, Florida Atlantic University | | Stipend |
| Graduate Assistantship, Department of English, English, Florida Atlantic University | 1994-1997 | Master's Tuition & Stipend |
| Sigma Delta Pi, National Collegiate Hispanic Honor Society, Florida Atlantic University | 1994-1997 | |
| Pi Delta Phi, President, National French Honor Society, Florida Atlantic University | 1994-1997 | |
| Sigma Tau Delta, National English Honors Society, Florida Atlantic University | 1994-1997 | |
| Academic Scholarship, University of Miami | 1990-1992 | \$500 per semester |
| Academic Scholarship, Miami Dade College | 1989-1990 | \$300 per semester |

OTHER PROFESSIONAL ACTIVITIES AND PUBLIC SERVICE

| <u>Professional Service/Memberships</u> | <u>Date</u> |
|--|--------------------|
| INFORMS: Graduate Student Member | 2020-Present |
| IEEE: Graduate Student Member | 2020-Present |
| Quality Matters | 2017-Present |
| NASPA-Student Affairs Administrators in Higher Education | 2014-Present |
| American Educational Research Association (AERA)- <i>Division J: Postsecondary Education and SIG: Hispanic Research Issues</i> | 2007-Present |
| Association for the Study of Higher Education (ASHE)- <i>Council on Ethnic Participation (CEP), Council on International Higher Education (CIHE), Council on Public Policy in Higher Education (CPPHE), and Council on the Advancement of Higher Education Programs (CAHEP)</i> | 1999-Present |
| Comparative and International Education Society (CIES) <i>SIG: Indigenous Knowledge and the Academy</i> | 2000-Present |

| <u>Professional Service: Activities</u> | | <u>Date</u> |
|--|--|--------------------|
| Reviewer | <i>Journal of Educational Research and Practice</i> | 2018-2019 |
| Reviewer | <i>Journal of Student Affairs, Research and Practice</i> | 2010-2019 |
| Signatory | <i>Fisher v. University of Texas at Austin, et al. Supreme Court Brief of 823 Social Scientists as Amici Curiae in Support of Diversity Policies in College Admissions</i> | 2015 |
| Associate Editor | <i>Diaspora, Indigenous, and Minority Education: Studies of Migration Integration, Equity, and Cultural Survival</i> | 2015-2017 |
| Reviewer | <i>The College Student Affairs Journal</i> | 2014-2015 |
| Article Editor | <i>SAGE Open</i> | 2013-2014 |
| Book Proposal Reviewer | <i>A Concise History of Higher Education, Rowan & Littlefield Publishers, Inc.</i> | 2012 |
| Editorial Board | <i>Journal of Student Affairs Research and Practice</i> | 2010-2015 |
| Reviewer | <i>Journal of Latinos in Education</i> | 2008-Present |
| Reviewer | <i>European Education Journal: A Journal of Issues and Studies</i> | 2008-Present |
| Reviewer | Florida Educational Research Association, 53 rd Annual Meeting | 2008 |
| Reviewer | <i>The Review of Higher Education</i> | 2008-Present |
| Assistant Editor | <i>Comparative and International Education Society Newsletter & Bulletin</i> | 2007-2010 |
| Reviewer | <i>Comparative Education Review</i> | 2005 & 2007 |
| Reviewer | <i>Journal of American Indian Education</i> | 2007-Present |

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| Reviewer | FIU College of Education Research Conference | 2007-Present |
| Reviewer | <i>Current Issues in Comparative Education</i> | 2000-2005 |
| Reviewer | <i>Higher Education in Review</i> | 2003-Present |
| Reviewer | <i>Association for the Study of Higher Education (ASHE) Conference Proposals</i> | 2005-Present |
| Reviewer | <i>Journal of College Student Retention: Research, Theory & Practice</i> | 2006-Present |
| Reviewer | <i>Journal of Service-Learning in Education</i> | 2006 |
| Reviewer | <i>American Educational Research Association (AERA) Conference Proposals</i> | 2006-2009 |

Service to the Community or Public

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|---|-----------|
| FIU-Liaison Representative to Air Base Elementary to provide information once a year to 3 rd and 4 th graders about College of Education careers as well as information about how to apply to college | 2010-2012 |
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University Service: Department

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|---|-----------|
| Drexel-Member: Global and International Education Advisory Board | 2014-2014 |
| FIU Report Author for NCATE & SACS Assessment Student Learning Outcome Assessment/Program Learning Outcomes Review of the 2009-2012 Master's of Intercultural and International Education and the Graduate School Program Review Self-Study | 2009-2012 |
| FIU-College of Education, Department of Leadership and Professional Studies, Graduate Policies Committee Representative | 2008-2013 |
| FIU-College of Education, Department of Leadership and Professional Studies, Scholarship Committee Representative | 2006-2013 |
| FIU-Appointed by the Chair as new Program Leader for the Master's of Science in International/Intercultural Education | 2009-2013 |
| FIU-Research Associate | 2005-2009 |

*Center for Urban Education & Innovation***UNIVERSITY SERVICE: SCHOOL/COLLEGE**

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|--|--------------|
| Drexel University-School of Education Capstone Subcommittee Member | 2015-Present |
| Drexel University-School of Education Urban Education Task Force Member | 2015-2016 |
| Drexel University-School of Education, Host and Research Leader for Visiting Scholar Dr. Demetrios Spyridakis. Focus of research: American Indian urban, higher education | 2015 |
| Drexel University-School of Education, Second Parliamentarian | 2014-2015 |
| Drexel University-School of Education, Higher Education Program Advisory Committee | 2014-2016 |
| Drexel University-School of Education, Ed.D. Online Program, Clinical Associate Professor Position Search Committee | 2013 |
| Drexel University-School of Education, Ed.D. Concentrations Committee Member | 2013-2015 |
| Drexel University-School of Education, Ed.D. Leadership & Management Executive Weekend Team Member | 2013-2015 |
| Drexel University-School of Education Comprehensive Ed.D. Exam Reader | 2013-2016 |
| FIU-College of Education, Assistant Professor- School Psychology Search Committee | 2011 |
| FIU-College of Education, Assistant Professor- Higher Education Search Committee | 2010 |
| FIU- College of Education Search and Screen Committee For School Psychology Assistant/Associate Professor Position | 2011-2012 |
| FIU-College of Education Committee to Develop | 2011-2012 |

College-Wide Doctoral Experience Course

FIU-Assistant/Associate Professor
Higher Education Search Committee 2006

UNIVERSITY SERVICE: UNIVERSITY

FIU College of Education University-Wide Committee
Member, Quality Enhancement Program-Globalizing
the Curriculum/SACS Accreditation 2009-2009

College of Education Representative
For FIU University-Wide SACS: Quality
Enhancement Program-Faculty Learning
Communities In Internationalizing the Curriculum 2008-2009

FIU Quality Enhancement Program (QEP) on
Civic Engagement Proposal Committee 2007-2008

University Access and Equity Committee
(FIU Presidential Appointment) Member 2007

FIU Fellow, *Center for the Study of Spirituality* 2006-2013

FIU Fellow, *Center for Urban Education & Innovation* 2005-2009

Barry University-Graduate Education Admissions
Committee Member 2004

Pennsylvania State University-
President's Commission on Racial/Ethnic Diversity,
Graduate Student Member 2001-2002

Florida Atlantic University
President's Commission on the Status of Women
Graduate Student Member, 1994-1995

REFERENCES

Dr. Kevin R. Guidry
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Center for Teaching and Assessment of Learning
University of Delaware
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Dr. Bharat Patil
Assistant Professor-
Business Administration
University of Delaware
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302-831-7423