

## DR. AUDRIEANNA BURGIN

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### EDUCATION, CERTIFICATIONS, AND AWARDS

*Florida State University:* Ph.D. in Economics, July 2021  
 Master of Science in Economics, May 2015

*University of North Florida:* August 2011:  
 Bachelor of Business Administration in Business Management  
 Bachelor of Business Administration in Economics

Jax Chamber Hightower Fellowship - *17 Emerging Leaders Class of 2023*

UNF Award of Excellence – Proposal Writing, *Office of Research and Sponsored Programs, 2023*

UNF Black Alumni Achievement Award Recipient– *Business/Logistics Category, 2022*

UNF Certificate in Grant Writing, *2021*

Certified Fund-Raising Executive Candidate (*sitting for examination Summer 2023*)

FSU Charles E. Rockwood Teaching Award & Scholarship for Excellence in Teaching, *2015-2016*

### EXPERIENCE

#### Senior Research Scientist, [WGU Labs](#) | March 2022- Current

- Leads, plans, and executes WGU Labs research projects through design, data collection, analysis, and dissemination.
- Determines appropriate research methods, including implementations studies, qualitative research, secondary data analysis, quasi-experimental studies, and randomized controlled trials.
- Executes the complete life cycle of a study, including conceptualization of an idea, primary data collection, accessing databases to obtain the data, data wrangling, performing the most appropriate quantitative and qualitative analysis, and reporting the results.
- Leads grant writing, strategic planning, business development, and expansion efforts
- Disseminate research findings via published studies, conference presentations, white papers, etc.
- Produces high-quality, client-facing reports and presentations and represents WGU Labs by presenting at relevant conferences.

#### Director, [Diversity in Business Program, University of North Florida](#) | December 2021- Current

- Assisted in securing \$700,000 in a seed funding and endowment from CSX to support the launch of the Diversity in Business program and the development of our mentorship program
- Assisted in securing \$50,000 in seed funding from Kids Hope Alliance to support high school outreach and develop a college readiness workbook for grades 9-12

- Develops initiatives that engage students of color within the Coggin College of Business and increases the diversity of the students admitted to and graduating from the Coggin College of Business.
- Strengthening the early career success of graduating Coggin College of Business students by connecting them to career opportunities.
- Initiating and setting goals for the program according to the strategic objectives of the Coggin College of Business
- Develops budget and devises evaluation strategies to monitor performance and determine ways to improve
- Ensure program operations and activities adhere to legal guidelines and internal policies
- Inform senior leadership with detailed and accurate reports or presentations and works with them to set strategic goals and objectives for programs

**Research Scientist, [Zearn Inc.](#) | July 2020- March 2022**

- Assisted RAND in writing a successful proposal and research plan for a \$2.9M grant from NCER to conduct research on the efficacy of Zearn. The proposal was accepted, and the research will be conducted in partnership with RAND from 2022-25.
- Managed multi-year Zearn quantitative and qualitative research strategy and mapping out future third-party research partnerships
- Led internal ad hoc analyses and market research by our research and data analytics teams
- Use of mixed-method, qualitative and quantitative research to garner field insights
- Leveraged Zearn's unique learning database to draw insights regarding Zearn Math's impact on student achievement, growth mindsets, racial and poverty disparities, etc.
- Coordinated with third-party research teams for upfront design and ongoing management of studies regarding user experience, efficacy, learning science, and motivation science, among other topics
- Helped disseminate research findings via published studies, conference presentations, white papers, etc.
- Strengthened Zearn's organizational culture of data-driven decision making and an elevated user experience

**Visiting Assistant Professor, University of North Florida | August 2019- May 2020**

- Conducted research, fieldwork, and investigations, and drafting reports.
- Traveled to conferences to give talks, share research results, and stay abreast of what is currently going on in the Economics field, collaborating on projects with other researchers
- Taught lower and upper-level courses in economics and statistics.
- Academic planning of activities to assure course content and learning objectives are met

- Handled loads of up to 300 students and fostering a dynamic learning course environment where students are encouraged to respond critically and think analytically

#### **Visions Global Consulting, Strategy Manager & Economist | June 2018- August 2019**

- Established a repeatable annual process for multi-year strategic planning for boutique consulting firm
- Supported annual refresh of a three-year strategic plan, gathering information to inform strategy development and expansion, identifying risks associated with successfully executing that strategy, and developing a plan to address those risks
- Provided support across departments to evaluate the strategic value and implications of new opportunities (e.g., new product pricing, new business partnerships, acquisitions)
- Led and determine the nature and the scope of necessary econometric and statistical analyses; determine time parameters, necessary data acquisition and treatment, and appropriate statistical methodologies; and direct contractors providing analytical services
- Collected and analyzed financial and socioeconomic data, advising businesses and governments on economic decisions, and developing models for economic analyses

#### **Florida State University, Graduate Instructor & Researcher | August 2014- May 2018**

- Analyzed, interpreted, and manipulated large data sets to evaluate regression capabilities
- Learned to program in popular data languages and explored new research areas
- Systematically made predictions using statistics and machine learning
- Formulated research proposals and methodologies for new theoretical estimations. Two of the proposals were approved to evolve into dissertation research.
- Teaching and Teaching Assistant responsibilities in lower and upper-level courses
- Handled loads of up to 500 students and suitably challenged, served, and communicated with students to encourage their participation and learning progress

#### **SERVICE**

I am the Prize Inc.: 2022- Current, Board Member

Becoming Collegiate Academy: 2019 – Current, Board Chairman

The Sound of Change Inc.: 2020 – Current, Board Member

FSU Graduate & Professional Students Association: 2015 – 2017, Community Outreach Director

#### **DISSERTATION RESEARCH**

*Essays on Educational Attainment & Labor Outcomes*

Florida State University | *Dr. Patrick Mason (Dissertation Chairman)*

1. **Chapter 1:** Analyzes whether parental wealth during childhood impacts educational attainment for the individual(child) using Panel Study of Income Dynamics Individual

and Family Data via linear regressions, box cox transformations, and logistic regressions. Also analyzed across race, region, and gender.

2. **Chapter 2:** Difference in Difference estimation analyzes the academic achievement and efficacy of the schools in the Lake Wales Charter School System of Lake Wales, Florida, using school-level data from Polk County. Also analyzed across race and region.
3. **Chapter 3:** Analyzes the effect of spousal education on labor outcomes for women using data from the National Longitudinal Survey of Youth 1979 based on the cross-productivity hypothesis. Also analyzed across race and gender.

## SKILLS

Stata, R, Latex, Python

*Relevant Courses:* Calculus I, Calculus II, Calculus III, Linear Algebra I, Mathematical Statistics, Ordinary Differential Equations, LimDep Variable Models, Financial Economics, Mathematical Demography

*Programs:* Excel, Word, PowerPoint, Adobe | *Operating Systems:* OS X, Windows

## PRESENTATIONS

2022: *Modeling Reparations, American Economic Association Annual Conference 22'*

2019: *Coggin College of Business Workshop, University of North Florida*

2013-2017: *Quantitative Workshop, Florida State University*

2014: *Macroeconomic Theory Workshop, Florida State University*