

Josh Beverly

Virginia Tech | 250 Drillfield Drive | Blacksburg, VA 24061 | 304-894-4460 | jpbeverly@vt.edu

EDUCATION

Ph.D. Economics, Virginia Tech	2022
Dissertation Title: "Labor Market Dynamics in West Virginia and the Appalachian Region"	
B.S. Mathematics, Minor in Statistics, Concord University	2014
B.S. Education, Concord University	2014

RESEARCH INTERESTS

Labor Economics	Rural and Regional Economics
Time Series Analysis	Applied Econometrics

RESEARCH EXPERIENCE

Research Fellow	May 2020 – August 2020
Data Science for the Public Good (DSPG) at Virginia Tech, Blacksburg, VA	
Graduate Research Assistant	2018 – 2019
Virginia Tech, Department of Agricultural and Applied Economics	
Undergraduate Research Assistant	2013 – 2014
Concord University, Department of Mathematics	

TEACHING EXPERIENCE

Adjunct Professor	2022 – Current
Bethel University, Department of Business, College of Arts and Sciences	
Graduate Teaching Assistant	2018 – 2022
Virginia Tech, Department of Agricultural and Applied Economics	
Mathematics Teacher	2014 – 2018
Shady Spring High School, Shady Spring, WV	

ACADEMIC PAPERS IN REVIEW (N = 1)

1. **Beverly, J.**, S.L. Stewart, C.L. Neill. "The Dynamics of Labor Force Participation: Is All Quiet on the Appalachian Front?" *Empirical Economics*

ACADEMIC WORKING PAPERS (N = 2)

2. **Beverly, J.** "Labor Force Participation Rate Comovements in Metro/Non-Metro West Virginia Counties"

1. **Beverly, J.** “A Tale of Two Indicators: Labor Force Participation and Unemployment Rates in West Virginia”

WORK IN PROGRESS (N = 4)

4. **Beverly, J.,** C. Neill “The Impact of Gasoline Tractors on the Appalachian Labor Force and Compensation.”
3. **Beverly, J.,** C. Neill. “The Effects of Spatial Characteristics and Chronic Health Spending on Labor Force Participation in Appalachia.”
2. **Beverly, J.,** M. Beverly. “Intergenerational Poverty in the Appalachian Region”
1. **Beverly, J.,** M. Farley, C. McClain, F. Stover, “Bounding Porous Exponential Domination Number of Apollonian Networks”

NON-PEER REVIEWED ONLINE PUBLICATIONS (N = 2)

2. **Beverly, J.,** D. Glover, A. Tabassum, A. Wells. (2020) “Industry and Workforce Attraction and Retention in Wythe County.” Virginia Tech, DSPG 2020. <https://aaec.vt.edu/academics/undergraduate/beyondclassroom/dspg/2020projects.html4>.
1. **Beverly, J.,** T. Grant, L. Pranteddu, A. Tabassum. (2020) “Measuring Economic and Social Infrastructure: Intergenerational Poverty in Page County.” Virginia Tech, DSPG 2020. <https://aaec.vt.edu/academics/undergraduate/beyond-classroom/dspg/2020-projects.html>

PAPER AND POSTER PRESENTATIONS (N = 8)

8. **Selected Presentation.** “The Dynamics of Labor Force Participation: All Quiet on the Appalachian Front?” Agricultural and Applied Economics Association Annual Meeting, Anaheim, CA, August 12th, 2022. (Virtual)
7. **Invited Seminar.** “The Dynamics of Labor Force Participation: All Quiet on the Appalachian Front?” Department of Agricultural and Applied Economics Graduate Student Seminar, Virginia Tech, Blacksburg, VA, February 11th, 2022.
6. **Research Report Presentation.** “Employment Opportunities for Incarcerated Residents in Recovery in Page County, Virginia” Virginia Cooperative Extension Community Learning Through Data Driven Discovery (CLD3), November 5th, 2020. (Virtual)
5. **Invited Research Report Presentation.** “Measuring Economic and Social Infrastructure: Intergenerational Poverty in Page County, VA.” Data Science for the Public Good Symposium, Oregon State University, August 21st, 2020. (Virtual)
4. **Poster Presentation.** “Measuring Economic and Social Infrastructure: Intergenerational Poverty in Page County, VA.” Data Science for the Public Good

Annual Symposium, Biocomplexity Institute's Social and Decision Analytics division (SDAD), August 7, 2020. (Virtual)

3. **Poster Presentation.** "Industry and Workforce Attraction and Retention in Wythe County, VA." Data Science for the Public Good Annual Symposium, Biocomplexity Institute's Social and Decision Analytics division (SDAD), August 7, 2020. (Virtual)
2. **Invited Presentation.** "Porous exponential domination number of planar triangulations." Center for Undergraduate Research in Mathematics, Brigham Young University, Provo, UT. March 2014.
1. **Poster Presentation.** "Porous exponential domination number of planar triangulations." Joint Mathematics Meetings, Baltimore, MD. January 2014

COURSES TAUGHT

Bethel University (Instructor) ECON 201/202/203 – Principles of Economics/Principles of Microeconomics/Principles of Macroeconomics (Lecture)	Fall 2022
Virginia Tech (Instructor) AAEC 1005 – Economics of the Food & Fiber Systems (Lecture)	Spring 2022
Virginia Tech (Graduate Teaching Assistant) AAEC 4984/5484 - Applied Economic Forecasting AAEC 3004 - Agricultural Production & Consumption AAEC 2434 - Foundations of Agribusiness	2018-2021
Shady Spring High School (<i>Instructor</i>) Computer Science AP Calculus BC Algebra 3/Trigonometry Algebra 2/Geometry Algebra 1	2014-2018

OTHER TRAINING

Arizona State University <i>Survey Design and Experimental Methods in Applied and Agricultural Economics</i>	January 2021
University of Virginia (Biocomplexity Institute) <i>GitHub, R Graphics, R Websites, R Dashboards, Web Scraping, QGIS, LaTeX, Python, Machine Learning</i>	May 2020 – August 2021

ACADEMIC AND PROFESSIONAL SOCIETIES AND SERVICE

Agricultural and Applied Economics Association, 2020 – Present

American Economic Association, 2021 – Present

Society of Labor Economists,
2021 – Present

County Math Curriculum Team Member
Raleigh County, WV, Summer 2017

Student Representative to the
Undergraduate Student General
Assembly, 2013-2014

Vice President, Concord University
Math Club, 2012-2014

UNIVERSITY ACHIEVEMENTS AND AWARDS

Concord University

2014 Valedictorian

2014 Bruce Covey Mathematics Prize Recipient

2014 Underwood Smith Scholarship Recipient

2014 Louise Leary Scholarship Recipient

2013-2014 Mary Edna Beckett Scholarship Recipient

2013 Concord University Alumni Association, Inc Scholarship Recipient

TECHNICAL SKILLS

R, MATLAB, Stata, LaTeX, Python, Java, Excel