LUKE R. WISNIEWSKI

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EDUCATION

Dartmouth College, Hanover NH   **Expected Graduation: June 2026**
Bachelor of Arts, Double Major in Economics and Mathematics   **GPA: 3.80/4.00**

- Economics Coursework: Econometrics, Microeconomics, Macroeconomics, Financial Markets and Intermediaries, Labor Economics, Public Finance and Public Policy, Topics in Labor Economics, Frauds Panics Crashes and Bank Runs, Advanced Topics in Econometrics, Advanced Topics in Macroeconomics
- Mathematics Coursework: Calculus of Vector-Valued Functions, Probability, Linear Algebra and Applications, Evolutionary Game Theory, Algebra, Probability and Statistical Inference, Linear Models, Topology, Real Analysis (Honors), Probabilistic and Computational Methods for Optimization
- Other Relevant Coursework: Data Visualization, Game Theory, Applied Mathematical Methods for Physicists, Programming and Computation
- Activities: Dartmouth Economic Research Scholars (former junior board member, current treasurer), Dartmouth Sports Analytics Club (DSA), Zeta Psi Fraternity (current vice president, risk manager; former philanthropy chair, rush chair)

RESEARCH EXPERIENCE

Department of Mathematics at Dartmouth College, Hanover NH   **November 2024 – Present**
Researcher in the Fu Lab

- First Author of "Disrespect Others, Respect the Climate? Applying Social Dynamics with Inequality to Forest Climate Models," currently under review at *Journal of Physics: Complexity*
  - Developing autonomous nonlinear delay differential equations and forest dieback models under advisement of Dr. Thomas Zdyrski, using Python to create and extend existing models
  - February 2025 - Awarded $6500 grant from the Mellam Family Foundation for funding of my role in this research project

Department of Economics at Dartmouth College, Hanover NH   **March 2024 – Present**
Research Funding Acquired Through the James O. Freedman Presidential Scholars Program

- Authoring a paper examining the impact of Name, Image, and Likeness (NIL) policies on collegiate athletic departments, under advisement of Dr. Melinda Petre
  - Independently managing all aspects of data collection, analysis, and reporting, using Stata, Python, and Microsoft Excel for data aggregation and analysis

Tuck School of Business at Dartmouth College, Hanover NH   **January 2024 – Present**
Research Assistant under Globalization Chair Professor Davin Chor

- Analyzing knowledge diffusion within the economic academy; examining the impacts of evidence-based information on public perception of trade policy; investigating impacts of Bank Foreign Direct Investment (FDI) on Firm FDI, assisting in project analyzing nationalistic biases in ski jumping competitions
  - Using Python to scrape thousands of NBER and CEPR website pages for relevant publication information; using Stata to analyze survey data on perceptions of American trade policy; using Python to scrape PDF files of ski jumping result information; proof-reading paper for presentation to the International Monetary Fund (IMF); managing Qualtrics survey data on trade sentiment

OTHER EXPERIENCE

The ifo Institute for Economic Research, Munich Germany   **July 2025 – September 2025**
Summer Intern in Labor and Demographic Economics
- Coauthored projection of labor market reactions to overtime tax exemptions in Germany, created Python script to scrape data from scanned PDF files, created data visualizations to be used in future EU economics conferences on immigration

Department of Economics at Dartmouth College, Hanover NH   **January 2025 – Present**
Microeconomics Teaching Assistant (January-Present)
- TA for Dr. Melinda Petre, held weekly meetings available to 70 students enrolled in the course, collaborated with the professor to promote positive student outcomes and ensure smooth functioning between in-class and out-of-classroom experiences

Econometrics Teaching Assistant (March-June 2025)
- TA for Professor Steve Mello, held weekly office hours, proctor exams, assisted in grading of exams, assisted with Stata coding and project ideation for class group projects

Department of German at Dartmouth College, Hanover NH   **January 2023 – June 2023**
German 02 and 03 Teaching Assistant/Drill Instructor
- Hold tri-weekly meetings for groups of 7-10 students to practice grammatical, speaking, and comprehension exercises

Dartmouth Sports Analytics Club (DSA), Hanover NH   **September 2022 – Present**
- (December 2022) Authored "Man vs. Nature: The Factors Influencing PGA Tour Scores"
  - One of two students awarded with a trip to the 2023 Sloan Sports Analytics Conference for quality of research analysis and writing, published by DSA

HONORS AND AWARDS

Leave Term Grant Recipient   **2025**
- Received $6500 grant from Mellam Family Foundation (exceeding typical amount given to students for this highly competitive grant) for my research in the Fu Lab with Dr. Tom Zdyrski

James O. Freedman Presidential Scholar   **2024 – 2025**
- Awarded this selective merit based grant for research under Dr. Melinda Petre. Awarded to students in top 40% of class with exceptional research proposal

National Merit Scholarship Finalist, Centerville High School   **2022**

SKILLS
- **Computer** - Stata, Python (including Pandas), R, Microsoft Suite
- **Language** - Fluent in English, proficient in German, limited proficiency in Polish