# GABRIEL LEWIS

Bjerregaards gate 26B, 0172 Oslo, Norway · +47 947 10 179
GabrielLewis4@icloud.com · gabriel-lewis.net

## PROFILE

I am an economist with a passion for collaborative, multidisciplinary problem solving. I apply diverse methods from labor economics, econometrics, statistics, and data science to deliver actionable results.

## EXPERIENCE

**Postdoctoral Research Fellow**, BI Norwegian Business School Sept 2024–Present
Produce policy-relevant economic analyses of nation-scale (multi-TB) datasets and build statistical tools for robust Bayesian inference.

**Data Science and Statistics Counselor**, Smith College Sept 2023–June 2024
Provided research consultation for students and faculty on projects involving data analysis and management in twelve academic disciplines, using a wide range of tools (R, Python, Stata, SQL, GitHub). Analyzed user data to assess program efficacy.

**Research Assistant**, Applied Economics Clinic Sept 2021–May 2022
Coordinated teams to write policy briefs commissioned by state and national regulators on short time-frames, concerning a wide range of economic and environmental topics.

**Research Assistant**, University of Massachusetts Amherst Jan 2021–May 2021
Developed practical methods for valid Bayesian inference in the presence of hard-to-model errors.

**Research Assistant**, National Bureau of Economic Research Sept 2019–May 2020
Scraped, cleaned, and analyzed data (using R) from over a dozen real-world datasets, including big data. Presented results to colleagues and research partners.

**Research Assistant**, METRICS, Stanford University Aug 2015–Aug 2016
Collected and analyzed data for a Bayesian meta-study of hypothesis testing in the medical literature, writing R code to parse large numbers of documents.

## TEACHING

**Teaching Assistant**, BI Norwegian Business School Sept 2025–Present
Communicate complex economic and mathematical concepts to undergraduate and graduate students through self-designed lectures, problem-solving sessions, tutorials, and course materials. Topics include mathematics, game theory, industrial organization, and macroeconomics.

**Teaching Assistant**, University of Massachusetts Amherst Jan 2018–May 2023
Taught ethics, game theory, econometrics, and macroeconomics to undergraduate and graduate students from a wide range of educational and social backgrounds, using participatory methods and self-designed lesson plans.

## EDUCATION

**Ph.D. in Economics**, University of Massachusetts Amherst 2017–2024
Designed, ran, and analyzed a novel survey experiment, using Bayesian hierarchical models to measure how respondents valued various aspects of their jobs.

**B.A. in Economics**, Whitman College 2010–2014
Learned critical thinking through the liberal arts: history, literature, astronomy, music, and more.

## RESEARCH

*Under review*

Lewis, G. "Heteroskedasticity and Cluster-Robustness from a Bayesian Perspective." Under review at *Econometric Reviews*.

*Work in progress*

Lewis, G. "Skill or Skills? Evidence and Consequences of Workers' Multidimensional Skills."

Lewis, G. "Remote Working and Shirking in the Age of Digital Monitoring."

Lewis, G. "Worker Voice, Surveillance, and Remote Work: Results from a Survey Experiment."

Freeman, R., I. Ganguli, and G. Lewis. "Working-From-Home to the Rescue? WFH in the COVID-19 Pandemic Recession and Recovery." Working paper.

Dube, A., I. Ganguli, and G. Lewis. "Willingness-to-Pay for Workplace Health and Safety during COVID-19." *NBER Conference Proceedings* (in progress).

*Conference proceedings*

Brown, J., and G. Lewis (2023). "Inferring Shell-Fishing Seasonality from the Isotopic Composition of Biogenic Carbonate: A Bayesian Approach." *CAA2023 Conference Proceedings*. https://doi.org/10.5281/zenodo.8401325

## CONFERENCES AND PRESENTATIONS

**Research seminar**, Oslo Business School, OsloMet Feb 2026
Paper presented: *Remote Working and Shirking in the Age of Digital Monitoring*

**The Work-From-Home Shock to Labor Markets**, NBER Nov 2023
Paper presented: *Preferences for Remote Work and Workplace Health Precautions: Results from Two Survey Experiments*

**European Seminar on Bayesian Econometrics**, ESOBE Oct 2022
Paper presented: *Heteroskedasticity and Cluster-Robust Regression from a Bayesian Perspective*

**Symposium on Data Science and Statistics**, American Statistical Association Oct 2021
Poster presented: *Bayesian Heteroskedasticity-Robust Regression*

**Technology, Business Practices, and Covid-19: Impacts on the Future of Work** Aug 2020
Harvard Law School. Presentation: *How Much Can Aggregate Data Really Tell Us about COVID-19?*

## Awards, Fellowships, and Grants

**SBS Dean's Summer Research Fellowship**, University of Massachusetts Amherst 2024
A $4,200 grant to support dissertation research.

**Dissertation Fellowship**, Political Economy Research Institute 2023
A fellowship with a $12,000 stipend to support the completion of promising dissertation work.

**University Fellowship**, University of Massachusetts Amherst 2017
A one-semester fellowship with a $9,000 stipend to support academic studies.

**James F. Shepherd Award**, Whitman College
Instituted to recognize each year's outstanding senior student in the Economics Department.

## Skills and Languages

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| **Data Science** | Quantitative analysis using R, Python, and Stan; also SQL and GitHub |
| **Surveys and Experiments** | Design and analysis of surveys and experiments (Qualtrics, JavaScript) |
| **Econometrics** | Practical applications of causal inference with complex data |
| **Economics** | Modeling and analysis of economic policies and real people's choices |
| **Communication** | Engaging broad audiences through clear speaking, writing, and visuals |
| **English** | Native speaker |
| **Spanish** | Proficient speaking, reading, and writing |
| **Norwegian** | Norskprøven: B2 listening, B2 reading, B1 writing, A2 speaking (highest level on the A1–A2 test) |