

Lachlan Watkins

Curriculum Vitae

Vanderbilt University
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EDUCATION

Ph.D. Economics, Vanderbilt University, 2023 (expected)
M.A. Economics, Vanderbilt University, 2019
B.A. Economics, Colorado College, 2014

FIELDS OF RESEARCH

Environmental Economics, Health Economics, Machine Learning

PUBLICATIONS

Refereed Journal Articles

Kristina M. Lybecker and Lachlan Watkins. (2014). Liability risk in the pharmaceutical industry: Tort law in the US and UK. *The Social Science Journal* <<http://dx.doi.org/10.1016/j.soscij.2014.03.010>>.

Manuscripts in Preparation

“A Structural Model of Radon Gas: Modeling the Conditional Distribution of Indoor Radon using Machine Learning”

“Re-evaluating the Health Effects of Indoor Radon among the Veteran population”

“The Economics of Radon” (with Matthew Zaragoza-Watkins)

“Big Data Imputation: An R Package for the Imputation of Large Datasets with Machine Learning”

“Does the EPA Map of Radon Zones work: An analysis of the selection into performing radon testing”

“Leveling aerial radiometric data: an econometric approach”

“Does radon matter: a county-level analysis of the health effects of indoor radon”

Other Publications

The Lewin Group (2018). Final Report on the Value of the Poison Center System. Prepared for the American Association of Poison Control Centers. Available from <https://www.webpoisoncontrol.org/-/media/files/webpoisoncontrol/press-info/lewin-report-value-of-the-poison-center-system.pdf>

The Lewin Group (2016). Final Report: National Health Service Corps – An extended analysis. Available from < <https://aspe.hhs.gov/sites/default/files/private/pdf/255496/NHSCanalysis.pdf> >

The Lewin Group (2016). Summary Final Report: Data analysis, evaluation, and recommendations concerning health care workforce incentives in Oregon. Prepared for the Oregon Health Authority. Available from < https://www.oregon.gov/oha/HPA/HP-HCW/Documents/Summary%20Report_final%20draft.pdf >

POSITIONS, SCIENTIFIC APPOINTMENTS, AND HONORS

Positions

2022 – 2023	NIEHS predoctoral fellow, Biomedical Informatics, Vanderbilt University Medical Center
2018 – 2022	Teaching Assistant, Department of Economics, Vanderbilt University
2018 – 2020	Graduate Tutor, Department of Law and Economics, Vanderbilt Law School
2016 – 2018	Research Consultant, OptumServe
2014 – 2016	Senior Research Analyst, OptumServe
2013 – 2014	Research Assistant, Department of Economics and Business, Colorado College
2013 – 2014	Faculty Tutor, Department of Economics and Business, Colorado College

Honors

2022 – 2023	NIEHS predoctoral fellow, Biomedical Informatics, Vanderbilt University Medical Center
2020 – 2021	Faculty-Student grant, Vanderbilt University
2019 – 2020	Council of Economic Graduate Students Research Grant
2012 – 2014	Faculty-Student Collaborative Grant, Colorado College

TEACHING EXPERIENCE

2018 – 2022	Teaching Assistant, Department of Economics, Vanderbilt University
2019 – 2020	Graduate Tutor, Department of Law and Economics, Vanderbilt Law School
2013 – 2014	Faculty Tutor, Department of Economics and Business, Colorado College

LANGUAGES

English (native)

REFERENCES

Matthew Zaragoza-Watkins, Assistant Professor (committee chair)
Department of Economics
Vanderbilt University
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Phone: (615) 322-2196
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W. Kip Viscusi, University Distinguished Professor
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131 21st Avenue South
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Tong Li, Gertrude Conaway Vanderbilt Chair in Social and Natural Sciences
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Christina Rennhoff, Principal Senior Lecturer (teaching reference)
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