

# Muzhe Yang

Professor of Economics, Lehigh University  
621 Taylor Street, Rauch Business Center, Bethlehem, PA 18015  
✉ [muy208@lehigh.edu](mailto:muy208@lehigh.edu) ☎ (610) 758-4962 🌐 [muzheyang.github.io](https://github.com/muzheyang)

## EDUCATION

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<b>University of California, Berkeley</b>	Berkeley, CA, USA
Ph.D., Agricultural and Resource Economics	2002–2008
<b>Peking University</b>	Beijing, P. R. China
M.A., Economics	2000–2002
<b>Peking University</b>	Beijing, P. R. China
B.A., Economics	1996–2000

## EMPLOYMENT EXPERIENCE

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<b>Lehigh University</b>	Bethlehem, PA, USA
Professor, Department of Economics, College of Business	2020–Present
Associate Professor, Department of Economics, College of Business	2014–2020
Assistant Professor, Department of Economics, College of Business	2008–2014

## PUBLICATIONS AND OTHER SCHOLARLY WORK

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### Book Chapter:

Chad Meyerhoefer and Muzhe Yang. “[Poverty and Obesity in Developed Countries](#),” in *The Oxford Handbook of Economics and Human Biology*, edited by John Komlos and Inas Rashad Kelly. New York, NY: Oxford University Press. May 2016.

### Journal Articles, Peer-Reviewed:

Dhaval M. Dave, Wei Fu and Muzhe Yang. “[Mental Distress among Female Individuals of Reproductive Age and Reported Barriers to Legal Abortion Following the US Supreme Court Decision to Overturn \*Roe v Wade\*](#),” *JAMA Network Open* 6 (3): e234509, March 2023.

Dhaval M. Dave and Muzhe Yang. “[Lead in Drinking Water and Birth Outcomes: A Tale of Two Water Treatment Plants](#),” *Journal of Health Economics* 84, 102644, July 2022.

Dhaval M. Dave and Muzhe Yang. “[Maternal and Fetal Health Effects of Working during Pregnancy](#),” *Review of Economics of the Household* 20 (1): 57–102, March 2022.

Laura M. Argys, Susan L. Averett and Muzhe Yang. “[Light Pollution, Sleep Deprivation, and Infant Health at Birth](#),” *Southern Economic Journal* 87 (3): 849–888, January 2021.

Laura M. Argys, Susan L. Averett and Muzhe Yang. "[Residential Noise Exposure and Health: Evidence from Aviation Noise and Birth Outcomes](#)," *Journal of Environmental Economics and Management* 103, 102343, September 2020.

Yang Wang and Muzhe Yang. "[Long Commutes to Work during Pregnancy and Infant Health at Birth](#)," *Economics & Human Biology* 35: 1–17, December 2019.

Muzhe Yang and Shin-Yi Chou. "[The Impact of Environmental Regulation on Fetal Health: Evidence from the Shutdown of a Coal-Fired Power Plant Located Upwind of New Jersey](#)" (previously titled "Transboundary Power Plant Emissions, Fetal Health, and the U.S. EPA's Precedent-Setting Portland Rule"), *Journal of Environmental Economics and Management* 90: 269–293, July 2018.

James Dearden, Suhui Li, Chad Meyerhoefer and Muzhe Yang. "[Demonstrated Interest: Signaling Behavior in College Admissions](#)," *Contemporary Economic Policy* 35 (4): 630–657, October 2017.

Muzhe Yang, Rhea Bhatta, Shin-Yi Chou and Cheng-I Hsieh. "[The Impact of Prenatal Exposure to Power Plant Emissions on Birth Weight: Evidence from a Pennsylvania Power Plant Located Upwind of New Jersey](#)," *Journal of Policy Analysis and Management* 36 (3): 557–583, Summer 2017.

Resul Cesur, Joseph Sabia, Inas Rashad Kelly and Muzhe Yang. "[The Effect of Breastfeeding on Young Adult Wages: New Evidence from the Add Health](#)," *Review of Economics of the Household* 15 (1): 25–51, March 2017.

Rui Huang and Muzhe Yang. "[Paid Maternity Leave and Breastfeeding Practice Before and After California's Implementation of the Nation's First Paid Family Leave Program](#)," *Economics & Human Biology* 16: 45–59, January 2015.

Jenny Aker, Michael Klein, Stephen O'Connell and Muzhe Yang. "[Borders, Ethnicity and Trade](#)," *Journal of Development Economics* 107: 1–16, March 2014.

Muzhe Yang, Hsien-Ming Lien and Shin-Yi Chou. "[Is There a Physician Peer Effect? Evidence from New Drug Prescriptions](#)," *Economic Inquiry* 52 (1): 116–137, January 2014.

Muzhe Yang and Rui Huang. "[Asymmetric Association between Exposure to Obesity and Weight Gain among Adolescents](#)," *Eastern Economic Journal* 40 (1): 96–118, January 2014.

Rui Huang and Muzhe Yang. "[Buy What Is Advertised on Television? Evidence from Bans on Child-Directed Food Advertising](#)," *Journal of Public Policy & Marketing* 32 (2): 207–222, September 2013.

Yang Wang and Muzhe Yang. "[Crisis-Induced Depression, Physical Activity and Dietary Intake among Young Adults: Evidence from the 9/11 Terrorist Attacks](#)," *Economics & Human Biology* 11 (2): 206–220, March 2013.

George Wehby and Muzhe Yang. "[Depression, Antidepressant Use and Weight Gain](#)," *International Journal of Applied Economics* 9 (2): 1–38, September 2012.

Chad Meyerhoefer and Muzhe Yang. "[The Relationship between Food Assistance and Health: A Review of the Literature and Empirical Strategies for Identifying Program Effects](#)," *Applied Economic Perspectives and Policy* 33 (3): 304–344, September 2011.

Justin Wang, Jason Hockenberry, Shin-Yi Chou and Muzhe Yang. "[Do Bad Report Cards Have Consequences? Impacts of Publicly Reported Provider Quality Information on the CABG Market in Pennsylvania](#)," *Journal of Health Economics* 30 (2): 392–407, March 2011.

## Reports:

Yang Wang and Muzhe Yang. "Disparities by Race and Gender in SS(D)I Applications and Awards," Research Report (together with Policy Abstract and Research Brief) for the U.S. Social Security Administration grant (Project Number: WI23-02; The Center for Financial Security at the University of Wisconsin–Madison), September 2023.

## Working Papers:

Laura M. Argys, Susan L. Averett and Muzhe Yang. "Living in Sync with the Sun: Sleep and Mental Health Implications of Circadian Misalignment."

Yang Wang and Muzhe Yang. "Disparities by Race and Gender in SS(D)I Applications and Awards."

## Other Scholarly Work:

["Muzhe Yang on Lead in Our Drinking Water."](#) January 30, 2023. *Lehigh Business ilLUMinate podcast*.

["Muzhe Yang—Factors Affecting Maternal, Fetal and Infant Health."](#) March 19, 2021. *Lehigh Business ilLUMinate podcast*.

["Policymakers Should Focus More on Prenatal Care, Study Suggests."](#) November 12, 2019. *Lehigh Business ilLUMinate podcast*.

["The Case for Federal Regulation of Air Polluters Is Blowin' in the Wind."](#) January 29, 2018. *Lehigh Business ilLUMinate podcast*.

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## PROFESSORSHIPS AND FELLOWSHIPS

### Lehigh University:

Charles William MacFarlane Professorship	2020–2025
Francis J. Ingrassia '75 and Elizabeth McCaul Endowed Professorship	2014–2020
Charlotte and Robert L. Brown III '78 Summer Research Fellowship	2013–2014

### University of California, Berkeley:

Chancellor's Dissertation-Year Fellowship	2007–2008
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## RESEARCH FUNDING

### Competitively Awarded Research Grants:

The U.S. Social Security Administration	2022–2023
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"Disparities by Race/Ethnicity and Sex/Gender in SS(D)I Applications and Awards" (Project Number: WI23-02; The Center for Financial Security at the University of Wisconsin–Madison; total award: \$77,951; Lehigh University subaward: \$33,059); Co-Principal Investigator (Principal Investigator: Yang Wang at the University of Wisconsin–Madison)

Lehigh University	2021–2022
Reemergence Grant (\$3,000), Principal Investigator	
Lehigh University	2014–2015
Faculty Research Grant (\$4,000), Co-Principal Investigator	
Lehigh University	2010–2011
Faculty Research Grant (\$2,400), Principal Investigator	
Lehigh University	2009–2010
Faculty Research Grant (\$2,500), Principal Investigator	

#### PRESENTATIONS AT SELECTED CONFERENCES AND SEMINARS

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##### **Invited Presentations (presenting authors highlighted in *italics*):**

*Yang Wang* and Muzhe Yang. “Disparities by Race and Gender in SS(D)I Applications and Awards.”

- The 25th Annual Meeting of the Retirement and Disability Research Consortium, Michigan Retirement and Disability Research Center, University of Michigan, August 2023 (online presentation).

*Yang Wang* and Muzhe Yang. “Disparities by Race and Gender in SS(D)I Applications and Awards.”

- SSA-Work-in-Progress Seminar, the U.S. Social Security Administration, June 2023 (online presentation).
- Household Finance Research Seminar, the Center for Financial Security, University of Wisconsin–Madison, May 2023 (online presentation).

*Dhaval Dave* and Muzhe Yang. “Lead in Drinking Water and Birth Outcomes: A Tale of Two Water Treatment Plants.”

- Department Seminar, Department of Health Policy and Management, Yale School of Public Health, Yale University, September 2021.
- Applied Quantitative Methods Seminar, School of Public Health, Boston University, May 2021.
- Department Seminar, Department of Economics, University of Montreal, April 2021.
- Health Policy Workshop, Paul H. O’Neill School of Public and Environmental Affairs, Indiana University, March 2021.
- Department Seminar, Department of Economics, University at Albany–SUNY, March 2021.
- Department Seminar, Department of Economics, St. Lawrence University, December 2020.
- Department Seminar, Department of Economics, Wayne State University, February 2020.

*Yang Wang* and Muzhe Yang. “The Effects of Rising Commuting Durations on Pregnancy and Infant Health.”

- Demography Seminar, the Center for Demography and Ecology, University of Wisconsin–Madison, November 2018.

Laura Argys, *Susan Averett* and Muzhe Yang. “Light Pollution, Sleep Deprivation, and Infant Health at Birth.”

- Department Seminar, Department of Economics, Hunter College, October 2018.
- Department Seminar, Department of Economics, Loyola Marymount University, September 2018.
- Department Seminar, Department of Economics, University of Memphis, February 2018.

*Muzhe Yang* and Shin-Yi Chou. "Transboundary Power Plant Emissions, Fetal Health, and the U.S. EPA's Precedent-Setting Portland Rule."

- Summer Seminar Series, Department of Economics, Swarthmore College, June 2016.

Rhea Bhatta, *Muzhe Yang*, Shin-Yi Chou and Cheng-I Hsieh. "Impacts of Prenatal Exposure to Sulfur Dioxide on Infant Birth Weight: Evidence from a Pennsylvania Power Plant Located Upwind of New Jersey."

- Health Economics Seminar, Department of Economics, Indiana University-Purdue University Indianapolis (IUPUI), October 2014.
- Lunch Seminar, Department of Policy Analysis and Management, Cornell University, December 2012.

Rui Huang and *Muzhe Yang*. "Buy What Is Advertised on Television? Evidence from Bans on Child-Directed Food Advertising."

- Department Seminar, Department of Economics, Lafayette College, November 2010.

*Muzhe Yang*. "Regression Discontinuity Design: Identification and Estimation of Treatment Effects with Multiple Selection Biases."

- Department Seminar, Department of Economics, Colgate University, March 2009.
- Department Seminar, Department of Economics, University of Washington, October 2008.

### **Refereed Conference Presentations (presenting authors highlighted in *italics*):**

*Laura Argys*, Susan Averett and *Muzhe Yang*. "Living in Sync with the Sun: Sleep and Mental Health Implications of Circadian Misalignment."

- The 93rd Annual Conference of the Southern Economic Association, New Orleans, LA, November 2023.

*Laura Argys*, Susan Averett and *Muzhe Yang*. "Living in Sync with the Sun: Sleep and Mental Health Implications of Circadian Misalignment."

- The 98th Annual Conference of the Western Economic Association International, San Diego, CA, July 2023.
- The 12th Conference of the American Society of Health Economists, St. Louis, MO, June 2023.

Dhaval Dave and *Muzhe Yang*. "Lead in Drinking Water and Birth Outcomes: A Tale of Two Water Treatment Plants."

- The 90th Annual Conference of the Southern Economic Association, New Orleans, LA, November 2020 (online presentation).
- The 46th Annual Conference of the Eastern Economic Association, Boston, MA, February 2020.

Laura Argys, Susan Averett and Muzhe Yang. "Residential Noise Exposure and Health: Evidence from Aviation Noise and Birth Outcomes."

- The 13th World Congress of the International Health Economics Association, University of Basel, Basel, Switzerland, July 2019.

Laura Argys, Susan Averett and Muzhe Yang. "Residential Noise Exposure and Health: Evidence from Aviation Noise and Birth Outcomes."

- The 8th Conference of the American Society of Health Economists, Washington D.C., June 2019.

Laura Argys, Susan Averett and Muzhe Yang. "Light Pollution, Sleep Deprivation, and Infant Health at Birth."

- The 3rd Annual Meetings of the Society of Economics of the Household, Lisbon School of Economics & Management, University of Lisbon, Lisbon, Portugal, May 2019.

Laura Argys, Susan Averett and Muzhe Yang. "Light Pollution, Sleep Deprivation, and Infant Health at Birth."

- The Annual Meeting of the Population Association of America, Austin, TX, April 2019.
- The 88th Annual Conference of the Southern Economic Association, Washington D.C., November 2018.

Dhaval M. Dave and Muzhe Yang. "Maternal and Fetal Health Effects of Working during Pregnancy."

- The 45th Annual Conference of the Eastern Economic Association, New York, NY, March 2019.
- The 88th Annual Conference of the Southern Economic Association, Washington D.C., November 2018.

Laura Argys, Susan Averett and Muzhe Yang. "Light Pollution, Sleep Deprivation, and Infant Health at Birth."

- The 93rd Annual Conference of the Western Economic Association International, Vancouver, BC, Canada, June 2018.

Yang Wang and Muzhe Yang. "Long Commutes to Work during Pregnancy, Prenatal Visits, and Infant Health at Birth."

- The 7th Conference of the American Society of Health Economists, Emory University, Atlanta, GA, June 2018.
- The 12th World Congress of the International Health Economics Association, Boston University, Boston, MA, July 2017.
- The 92nd Annual Conference of the Western Economic Association International, San Diego, CA, June 2017.
- The 1st Annual Meetings of the Society of Economics of the Household, San Diego State University, San Diego, CA, June 2017.

Muzhe Yang and Shin-Yi Chou. "Transboundary Power Plant Emissions, Fetal Health, and the U.S. EPA's Precedent-Setting Portland Rule."

- The 86th Annual Conference of the Southern Economic Association, Washington D.C., November 2016.
- The Econometric Society North American Summer Meeting, University of Pennsylvania, Philadelphia, PA, June 2016.
- The 6th Biennial Conference of the American Society of Health Economists, University of Pennsylvania, Philadelphia, PA, June 2016.

Anca M. Grecu and *Muzhe Yang*. "Prenatal Exposure to Fire and Infant Health at Birth."

- The 84th Annual Conference of the Southern Economic Association, Atlanta, GA, November 2014.

*Muzhe Yang*. "Treatment Effect Analyses through Orthogonality Conditions Implied by a Fuzzy Regression Discontinuity Design, with Two Empirical Studies."

- The 1st Annual Conference of the International Association for Applied Econometrics, Queen Mary University of London, London, the United Kingdom, June 2014.
- The 2014 Allied Social Sciences Associations (ASSA) Annual Meeting, Philadelphia, PA, January 2014.

*Rhea Bhatta*, *Muzhe Yang*, Shin-Yi Chou and Cheng-I Hsieh. "Impacts of Prenatal Exposure to Sulfur Dioxide on Infant Birth Weight: Evidence from a Pennsylvania Power Plant Located Upwind of New Jersey."

- The 89th Annual Conference of the Western Economic Association International, Denver, CO, June 2014.
- The 5th Biennial Conference of the American Society of Health Economists, University of Southern California, Los Angeles, CA, June 2014.

*Rhea Bhatta*, *Muzhe Yang*, Shin-Yi Chou and Cheng-I Hsieh. "Impacts of Prenatal Exposure to Sulfur Dioxide on Infant Birth Weight: Evidence from a Pennsylvania Power Plant Located Upwind of New Jersey."

- The 39th Annual Conference of the Eastern Economic Association, New York, NY, May 2013.

George Wehby and *Muzhe Yang*. "Depression, Antidepressant Use and Weight Gain."

- The 4th Biennial Conference of the American Society of Health Economists, University of Minnesota, Minneapolis, MN, June 2012.
- The 81st Annual Conference of the Southern Economic Association, Washington, D.C., November 2011.

Resul Cesur, *Muzhe Yang*, Inas Rashad Kelly and Joseph Sabia. "The Effect of Breastfeeding on Wages: Evidence from the Add Health and NLSY79."

- The 38th Annual Conference of the Eastern Economic Association, Boston, MA, March 2012.

*Resul Cesur*, *Muzhe Yang*, Inas Rashad Kelly and Joseph Sabia. "The Effect of Breastfeeding on Wages: Evidence from the Add Health and NLSY79."

- The 81st Annual Conference of the Southern Economic Association, Washington, D.C., November 2011.

Rui Huang and *Muzhe Yang*. "The Effect of Paid Maternity Leave on Infant Feeding Practices: Evidence from California."

- The Econometric Society North American Summer Meeting, Washington University in St. Louis, St. Louis, MO, June 2011.
- The 37th Annual Conference of the Eastern Economic Association, New York, NY, February 2011.

Yang Wang and *Muzhe Yang*. "Impacts of Depressed Mood on Physical Activity, Dietary Intake, and Weight Gain among Young Adults."

- The 80th Annual Conference of the Southern Economic Association, Atlanta, GA, November 2010.

Rui Huang and *Muzhe Yang*. "Buy What Is Advertised on Television? Evidence from Bans on Child-Directed Food Advertising."

- National Bureau of Economic Research Summer Institute, Cambridge, MA, July 2010.

*Muzhe Yang* and Rui Huang. "Exposure to Obesity and Weight Gain among Adolescents."

- The 9th Add Health Users Conference, National Institutes of Health, Bethesda, MD, July 2010.
- The 3rd Biennial Conference of the American Society of Health Economists, Cornell University, Ithaca, NY, June 2010.
- The 36th Annual Conference of the Eastern Economic Association, Philadelphia, PA, February 2010.

*Muzhe Yang*, Hsien-Ming Lien and *Shin-Yi Chou*. "Does Physician Peer Effect Exist? Evidence from New Drug Prescriptions."

- The 3rd Biennial Conference of the American Society of Health Economists, Cornell University, Ithaca, NY, June 2010.

*Muzhe Yang*, Hsien-Ming Lien and *Shin-Yi Chou*. "Does Physician Peer Effect Exist? Evidence from New Drug Prescriptions."

- The 7th Annual Southeastern Health Economics Study Group Conference, Emory University, Atlanta, GA, October 2009.

*Muzhe Yang*. "Regression Discontinuity Design: Identification and Estimation of Treatment Effects with Multiple Selection Biases."

- The Econometric Society North American Summer Meeting, Carnegie Mellon University, Pittsburgh, PA, June 2008.

#### **Other Conference Activities:**

Abstract Reviewer of the Scientific Review Committee of the 13th Conference of the American Society of Health Economists, San Diego, CA, June 2024.

Discussant for the conference paper, titled "The Impacts of COVID-19 Vaccines on Mental Health Outcomes."

- The 98th Annual Conference of the Western Economic Association International, San Diego, CA, July 2023.



Discussant for the conference paper, titled "Unemployment, Alcohol and Tobacco Use: Separating State Dependence from Unobserved Heterogeneity."

- The 12th Conference of the American Society of Health Economists, St. Louis, MO, June 2023.

Abstract Reviewer of the Scientific Review Committee of the 15th World Congress of the International Health Economics Association, Cape Town, South Africa, July 2023.

Abstract Reviewer of the Scientific Review Committee of the 12th Conference of the American Society of Health Economists, St. Louis, MO, June 2023.

Discussant for the conference paper, titled "Does Institutional Development Matter for Nutrition? A Dynamic Panel Study of the Effects on Caloric Intake."

- The 49th Annual Conference of the Eastern Economic Association, New York, NY, February 2023.

Abstract Reviewer of the Scientific Review Committee of the 11th Conference of the American Society of Health Economists, Austin, TX, June 2022.

Discussant for the conference paper, titled "Major Complexity Index and College Skill Production."

- The 46th Annual Conference of the Eastern Economic Association, Boston, MA, February 2020.

Abstract Reviewer of the Scientific Review Committee of the 9th Conference of the American Society of Health Economists, St. Louis, MO, June 2020.

Discussant for the conference paper, titled "Can Diffuse Interventions Improve Population Health? A Study of the State Innovation Models Initiative."

- The 8th Conference of the American Society of Health Economists, Washington D.C., June 2019.

Abstract Reviewer of the Scientific Review Committee of the 8th Conference of the American Society of Health Economists, Washington D.C., June 2019.

Chair for the conference session, titled "Environmental Health."

- The 93rd Annual Conference of the Western Economic Association International, Vancouver, BC, Canada, June 2018.

Discussant for the conference paper, titled "Estimates of WTP and WTA Values of a Statistical Life in Vietnam."

- The 93rd Annual Conference of the Western Economic Association International, Vancouver, BC, Canada, June 2018.

Chair for the conference session, titled "Prenatal Conditions."

- The 7th Conference of the American Society of Health Economists, Emory University, Atlanta, GA, June 2018.

Discussant for the conference paper, titled "Investing in the Womb: Identifying Gender Discrimination through the Lens of Prenatal Ultrasounds."

- The 7th Conference of the American Society of Health Economists, Emory University, Atlanta, GA, June 2018.

Discussant for the conference paper, titled "Medicaid Adult Non-emergency Dental Benefits and Dental Services Utilization and Expenditures."

- The 7th Conference of the American Society of Health Economists, Emory University, Atlanta, GA, June 2018.

Abstract Reviewer of the Scientific Review Committee of the 7th Conference of the American Society of Health Economists, Emory University, Atlanta, GA, June 2018.

Discussant for the conference paper, titled "The Impact of Child Welfare Legislation on Domestic Violence-Related Homicide Rates."

- The 92nd Annual Conference of the Western Economic Association International, San Diego, CA, June 2017.

Discussant for the conference paper, titled "Measuring the Effects of United States v. Windsor Ruling on Private Health Care for Same Sex Partners."

- The 1st Annual Meetings of the Society of Economics of the Household, San Diego State University, San Diego, CA, June 2017.

Chair for the conference session, titled "Health and Health Care Seeking."

- The 1st Annual Meetings of the Society of Economics of the Household, San Diego State University, San Diego, CA, June 2017.

Discussant for the conference paper, titled "Cesarean Deliveries and Maternal Weight Retention."

- The 86th Annual Conference of the Southern Economic Association, Washington D.C., November 2016.

Discussant for the conference paper, titled "Gaming of Quality Inspection: Evidence from High Frequency Staffing Data."

- The 6th Biennial Conference of the American Society of Health Economists, University of Pennsylvania, Philadelphia, PA, June 2016.

Abstract Reviewer for the 2015 Annual Meeting of the Agricultural & Applied Economics Association, San Francisco, CA, July 2015.

Abstract Reviewer for the 2014 Annual Meeting of the Agricultural & Applied Economics Association, Minneapolis, MN, July 2014.

Discussant for the conference paper, titled "The Effect of Medicaid Expansions in the Late 1980s and Early 1990s on the Labor Supply of Pregnant Women."

- The 2014 Allied Social Sciences Associations (ASSA) Annual Meeting, Philadelphia, PA, January 2014.

Discussant for the conference paper, titled "Global Evidence on Obesity and Related Outcomes: An Overview of Trends and Prevalence."

- The 39th Annual Conference of the Eastern Economic Association, New York, NY, May 2013.

Discussant for the conference paper, titled "High on Life? Medical Marijuana Laws and Suicide."

- The 38th Annual Conference of the Eastern Economic Association, Boston, MA, March 2012. Discussant for the conference paper, titled “The Depth of Obesity in South Africa: A Two Part Model.”
- The 37th Annual Conference of the Eastern Economic Association, New York, NY, February 2011.

#### SELECTED MEDIA MENTIONS

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- “Supreme Court’s decision to overturn *Roe v. Wade* linked to heightened mental distress among reproductive-aged women.” May 10, 2023. *PsyPost*.
- “Overturning *Roe v. Wade* increased mental health distress in women, study finds.” April 2, 2023. *Salon*.
- “Pennsylvania has the 4th most underground lead pipes in the U.S., EPA says.” April 5, 2023. *LehighValleyNews*.
- “Troubled Waters: Lead in Drinking Water Linked to Adverse Health Outcomes in Unborn Children.” October 19, 2022. *The Earth & I*.
- “Unintended Consequences.” December 2, 2021. *Lehigh Research Review*.
- “Link Between Strenuous Work During Pregnancy and High Birth Weight.” November 11, 2020. *Medindia*.
- “The US Open’s legacy in Northeast Queens: airplane noise.” September 18, 2020. *City & State New York*.
- “Commuting While Pregnant: A Long Ride Could Be a Risky One.” April 19, 2019. *The New York Times*.
- “New study reveals the possible dangers of long commutes during pregnancy.” April 16, 2019. *Good Morning America*.
- “New Study Reveals the Dangers of Long Commutes During Pregnancy.” April 15, 2019. *Fortune*.
- “This daily task could be dangerous for pregnant women.” April 3, 2019. *MarketWatch*.
- “Long work commutes of pregnant women linked to low birth weights.” April 2, 2019. *MinnPost*.
- “Long, stressful commutes harm unborn babies: analysis.” April 1, 2019. *New York Post*.
- “Wealth and Admissions: A look at some of the many ways that affluent applicants have an edge—without bribery.” March 17, 2019. *Inside Higher Ed*.
- “Air pollution harms unborn babies. Now we might know why.” September 19, 2018. *Grist*.
- “What Happens if Trump Rolls Back Environmental Protections? These Are the Health Consequences.” September 5, 2018. *Newsweek*.
- “Informal trade is ubiquitous in Africa, but too often ignored.” September 1, 2018. *The Economist*.
- “Study: End of coal burning at Pa. plant better for pregnant women.” January 11, 2018. *New Jersey Herald*.
- “Pa. coal power plant closing leads to healthier babies downwind.” December 28, 2017. *WHYY*.

“Higher birth weight, lower risk of premature births after coal power plant shut down.” December 22, 2017. *CleanTechnica*.

“N.J. babies healthier after Pa. power plant stops burning coal, Lehigh study finds.” December 22, 2017. *The Express-Times*.

“One more application lever prospective college students can pull: ‘demonstrated interest’.” October 23, 2017. *MinnPost*.

“Want to get into your first-choice college? Better book a plane ticket.” August 21, 2017. *The Boston Globe*.

“Another Edge for the Wealthy: Many colleges favor applicants who show ‘demonstrated interest’—and the way they measure it puts those without money at a disadvantage, study finds.” July 26, 2017. *Inside Higher Ed*.

“Study: Power plant caused low birth weights.” April 6, 2017. *New Jersey Herald*.

“Study links Pa. power plant emissions and smaller babies in New Jersey.” April 4, 2017. *The Philadelphia Inquirer*.

“Pregnancies in 4 N.J. counties affected by pollution, study concludes.” April 3, 2017. *The Star-Ledger*.

“Wealth didn’t matter. Pollution from a coal-fired plant, carried miles by wind, still hurt their babies.” April 3, 2017. *The Washington Post*.

## TEACHING

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### Courses Taught at Lehigh University:

- Statistical Methods (Undergraduate):
  - Fall semesters: 2009–2015, 2017–2020, 2022
  - Spring semesters: 2009–2024
- Econometrics (Undergraduate):
  - Fall semesters: 2020, 2021, 2022
  - Spring semesters: 2020, 2024
- Econometrics II (Ph.D.):
  - Spring semesters: 2010, 2011, 2013, 2015, 2017, 2019, 2021, 2023
- Applied Econometrics I (Ph.D.):
  - Fall semesters: 2008, 2010, 2011, 2013, 2015, 2017

## RESEARCH ADVISING AND MENTORING

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### Ph.D. Dissertation Committee Chair/Co-Chair:

- Li Zeng, May 2015–July 2018 (Co-Chair), Risk Modeling Analyst, Huntington National Bank.
- Jie Peng, May 2015–May 2017 (Chair), Senior Healthcare Economics Consultant, United-Health Group.
- Rhea Bhatta, May 2012–June 2015 (Co-Chair), Assistant Professor, Washington & Jefferson College.

#### **Ph.D. Dissertation Committee Member:**

- Nathaniel Rhoads, December 2023–Present.
- Qianrong Zhao, December 2023–Present.
- Ilya Kukaev, July 2022–July 2023, Postdoctoral Researcher, John Chambers College of Business and Economics, West Virginia University.
- Wei Fu, November 2018–April 2020, Postdoctoral Researcher, Perelman School of Medicine, University of Pennsylvania.
- Chia-Lun Liu, November 2018–April 2020, Postdoctoral Researcher, Perelman School of Medicine, University of Pennsylvania.
- Erkmén Giray Aslim, March 2017–April 2018, Assistant Professor of Economics at Minerva Schools at KGI & Postdoctoral Research Associate at the Private Enterprise Research Center of Texas A&M University.
- Yang Yu, October 2013–May 2015, Senior Associate, Axtria.
- Mengcen Qian, October 2013–May 2015, Assistant Professor, Fudan University, P. R. China.
- Adam Biener, October 2013–June 2015, Economist, Agency for Healthcare Research and Quality.
- Cheng Chen, September 2012–May 2014, Assistant Professor, Shanghai University of Finance and Economics, P. R. China.
- Lea R. Giménez Duarte, April 2011–August 2012, Consultant, World Bank.
- Yi Lu, September 2008–December 2011, Assistant Professor, Barry University.
- Gauri Karve, August 2009–December 2009, Visiting Assistant Professor, Muhlenberg College.

#### **Ph.D. Third-Year Paper Advisor/Second Reader:**

- Wei Fu, April 2018–January 2019 (Second Reader).
- Chia-Lun Liu, April 2018–December 2018 (Second Reader).
- Erkmén Giray Aslim, June 2016–November 2016 (Second Reader).
- Jie Peng, May 2014–May 2015 (Advisor).
- Li Zeng, October 2014–May 2015 (Co-Advisor).
- Adam Biener, January 2013–May 2013 (Second Reader).
- Mengcen Qian, January 2013–May 2013 (Second Reader).
- Lizhong Peng, January 2013–May 2013 (Second Reader).
- Rhea Bhatta, January 2012–May 2012 (Co-Advisor).

#### **SERVICE**

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##### **Lehigh University:**

- University:
  - Graduate & Research Committee (Member), August 2014–May 2016 and January 2017–May 2017.
  - Course & Curriculum Changes Committee—a subcommittee of the Graduate & Research Committee, August 2015–December 2015 (Member), January 2016–May 2016 (Chair).
  - Fellowship Committee—a subcommittee of the Graduate & Research Committee, August 2014–May 2015 (Member), January 2017–May 2017 (Member).
  - Donald T. Campbell Social Science Research Prizes Committee, January 2010–May 2013 (Member), August 2013–May 2015 (Co-Chair).

- College of Business:
  - Perella Department of Finance Quinquennial Review Committee (Chair), August 2022–November 2022.
  - Director, Ph.D. Program in Business and Economics, July 2015–June 2019.
  - Database and Software Committee (Member), January 2014–May 2016.
  - Ph.D. Task Force (Member), August 2015–December 2015.
  - 12-Month MBA Task Force (Member), September 24, 2014–September 7, 2015.
- College of Health:
  - Affiliated Faculty (courtesy affiliation): March 2022–Present.
- Department of Economics:
  - Doctoral Committee (Member), April 2010–Present.
  - Search Committee (Member) for Faculty Hiring in the Field of Econometrics, October 2020–February 2021.
  - Search Committee (Member) for the Department Coordinator Position, January 2019–March 2019.
  - Search Committee (Member) for the Department Coordinator Position, September 2017–December 2017.
  - M.S. Economics Admissions Committee (Member), August 2012–May 2015.
  - Search Committee (Chair) for Faculty Hiring in the Field of Empirical Industrial Organization, August 2014–February 2015.
  - Department Seminar Series Organizer, August 2009–April 2014.
  - Search Committee (Member) for Cluster Faculty Hiring (Integrated Networks for Electricity), July 2011–February 2012.

**Professional:**

- Manuscript Reviewers: *American Journal of Health Economics*, *Contemporary Economic Policy*, *Demography*, *Eastern Economic Journal*, *Economics of Education Review*, *Economics & Human Biology*, *European Journal of Health Economics*, *Health Affairs*, *Health Economics*, *International Journal of Obesity*, *Journal of Applied Econometrics*, *Journal of Environmental Economics and Management*, *Journal of Health Economics*, *Journal of Human Capital*, *Journal of Human Resources*, *Journal of Policy Analysis and Management*, *Journal of Population Economics*, *Labour Economics*, *Maternal and Child Health Journal*, *Milbank Quarterly*, *Review of Economics of the Household*, *Social Science & Medicine*.
- External Reviewers:
  - Promotion and tenure reviewer for Bryn Mawr College: 2023.
  - Promotion and tenure reviewer for Peking University: 2017, 2022.
- Research Grants Council of Hong Kong: February 2023, April 2023–May 2023.
- External Examiner for Advanced Econometrics for the Honors Program of Swarthmore College, May 2019.