

SUMEDHA GUPTA

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EMPLOYMENT

Associate Professor, Department of Economics, Indiana University Purdue University Indianapolis, 2020 –
Assistant Professor, Department of Economics, Indiana University Purdue University Indianapolis, 2010 – 2020
On leave: 2012-2015, 2018-2019.
Post-doctoral Fellow, Institute for Policy Research, Northwestern University, 2009-2010
Affiliate Scientist, Center for Aging Research, Regenstrief Institute, IU School of Medicine, 2018-

EDUCATION

Ph.D., Economics, Tinbergen Institute, Amsterdam, The Netherlands, 2010
M.Phil., Economics, Tinbergen Institute, Amsterdam, The Netherlands, 2006
M.A., Economics, Boston University, Boston MA, 2004
M.Sc. Economics and Financial Economics, University of Nottingham, U.K., 2002

FIELDS OF INTEREST

Health Economics, Applied Microeconometrics,

CURRENT RESEARCH TOPICS

Impact of COVID-19, opioid use disorders, treatment evaluation, economy and population health, mental health, economics of aging

REFEREED JOURNAL ARTICLES

1. van den Berg GJ, **Gupta S.** 2015. The role of marriage in the causal pathway from economic conditions early in life to mortality. *Journal of Health Economics*, Vol. 40: 141–158.
2. Al Achkar M, Revere D, Dennis B, MacKie P, **Gupta S**, Grannis S. 2017. Exploring perceptions and experiences of patients who have chronic pain as state prescription opioid policies change: a qualitative study in Indiana. *BMJ Open*. Vol 0:e015083. doi: 10.1136/bmjopen-2016-015083
3. Al Achkar M, Grannis S, Revere D, MacKie P, Howard M, **Gupta S.** 2018. The Effects of State Rules on Opioid Prescribing in Indiana, *BMC: Health Services Research*. Vol 18(29).
4. **Gupta S.** 2018. Impact of Volunteering on the Cognitive Decline of the Elderly. *Journal of Economics of Aging*, Vol. 12 46-60.

- a. **Media coverage:** Wall Street Journal (<https://www.wsj.com/articles/research-finds-volunteering-can-be-good-for-your-health-1524449280>), Daily Mail (U.K.) (<https://www.dailymail.co.uk/news/article-473397/Volunteering-just-two-hours-week-ward-dementia-study-finds.html>)
5. **Gupta S**, Cohen H, Lowder E and Ray BR. (2020) Validating Imputation Procedures to Calculate Corrected Opioid-Involved Overdose Deaths. *Public Health Report*, Vol. 135(1) 124-131.

BOOK

1. **Gupta S**. 2010. The Study of the Impact of Early Life Conditions on Later Life Events: A look across the individual's life course. ISBN: 978 90 3610 179 0. Thela Research Series, Rozenberg Publishing Services, Amsterdam, The Netherlands.

ARTICLES UNDER REVIEW AT PEER REVIEWED JOURNALS

1. **Gupta S.**, Al Achkar M and Ray BR. "Impact of State mandated emergency rules on opioid prescribing and misuse: First evidence from Prescription Drug Monitoring Databases". (Second revision requested from Contemporary Economic Policy).
2. **Gupta S.**, Nguyen TD, Freeman PF and Simon KI. "Changes in Tramadol Prescribing Following Federal Scheduling". (Under review)
3. **Gupta S.**, Nguyen TD, Lozano Rojas F, Raman S., Lee B., Bento A., Simon KI, and Wing C. "Tracking Public and Private Responses to the COVID-19 Epidemic: Evidence from State and Local Government Actions". (Revised and resubmitted to the American Journal of Health Economics).
4. Watson DP., Tess Weathers, Alan McGuire, Alex Cohen, Philip Huynh, Clay Bowes; Daniel O'Donnell, Krista Brucker and **Sumedha Gupta**. "Evaluation of an emergency department-based opioid overdose survivor intervention: Difference-in-difference analysis of electronic health record data to assess key outcomes". (Under review)
5. **Gupta S.**, Kosali Simon and Coady Wing. "Mandated and Voluntary Social Distancing During the COVID-19 Epidemic". (Revised and resubmitted to Brookings Papers on Economic Activity).

COMPLETED WORKING PAPERS

1. **Gupta, S.**, Thuy D. Nguyen, Patricia R. Freeman and Kosali I. Simon. "Competitive Effects of Federal and State Opioid Restrictions: Evidence from the Controlled Substance Laws". NBER Working Paper: w27520.
2. Cheng W., Patrick Carlin, Joanna Carroll, **Sumedha Gupta**, Felipe Lozano Rojas, Laura Montenovo, Thuy D. Nguyen, Ian M. Schmutte, Olga Scrivner, Kosali I. Simon, Coady Wing, Bruce Weinberg. "Back to Business and (Re)employing Workers? Labor Market Activity During State COVID-19 Reopenings". NBER Working Paper: w27419.
3. **Gupta, S.**, Laura Montenovo, Thuy D. Nguyen, Felipe Lozano Rojas, Ian M. Schmutte, Kosali I. Simon, Bruce A. Weinberg, Coady Wing. "Effects of Social Distancing Policy on Labor Market Outcomes". with NBER Working Paper: w27280.

4. Nguyen TN., **Sumedha Gupta**, Martin Andersen, Ana Bento, Kosali I. Simon, Coady Wing. "Impacts of State Reopening Policy on Human Mobility". NBER Working Paper: w27235.
5. **Gupta, S.**, Thuy D. Nguyen, Felipe Lozano Rojas, Shyam Raman, Byungkyu Lee, Ana Bento, Kosali I. Simon, Coady Wing. "Tracking Public and Private Responses to the COVID-19 Epidemic: Evidence from State and Local Government Actions". NBER Working Paper: w27027.

WORK IN PROGRESS

1. "Declining access to pain management and increasing applications for disability insurance. The untold story of the opioid epidemic", with Bhashkar Mazumder (in progress).
2. "If not from the doctor, then from the dentist. Unintended consequences of policy loopholes for the opioid epidemic", with Apurva Bendre and Dennis Watson (in progress)
3. "Spousal Health Shocks and Own Cognitive decline", with Jenifer Carnahan and Alexia Torke (in progress).
4. "Health and Justice Trajectories among Overdose Fatalities", with Evan M. Lowder, Brad Ray, Titus Schleyer, Kosali Simon and Phil Huynh (in progress).

CONFERENCE PRESENTATIONS

- 2020: Allied Social Science Associations - American Economic Association Annual Meeting, San Diego CA; Brookings Panel on Economic Activity.
- 2019: The American Society of Health Economics Annual Meeting, Washington DC
- 2018: The American Society of Health Economics Annual Meeting, Atlanta, GA; Midwest Health Economics Conference, Columbus, OH; IU-Vanderbilt University-University of Louisville Joint Conference, Bloomington, IN; Science of Philanthropy Initiative Conference (9/19/2018-9/20/2018). Indianapolis, IN
- 2017: The Allied Social Science Associations Annual Meeting, Chicago, IL; Midwest Health Economics Conference, University of Minnesota, MN; Midwest Economic Association Meeting, Cincinnati, OH; IU-Vanderbilt University-University of Louisville Joint Conference, Louisville, KY.
- 2016: 6th Biennial Conference of the American Society of Health Economists, University of Pennsylvania; Midwest Health Economics Conference, University of Indiana, IN.
- 2014: 5th Biennial Conference of the American Society of Health Economists, University of Southern California; International Health Economics Association meeting, Dublin, Ireland; European Meeting of the Econometric Society, Toulouse, France; Annual Conference of the European Society for Population Economics, Braga, Portugal; IUPUI-IUB Mini- Conference, Bradford, IN.

- 2012: 4th Biennial Conference of the American Society of Health Economists, University of Minnesota; Midwest Health Economics Conference, IUPUI, IN.
- 2011: 8th World Congress in Health Economics, Toronto, Canada.
- 2010: 3rd Biennial Conference of the American Society of Health Economists, Cornell University; Midwest Economic Association Annual Meeting, Chicago, IL; Population Association of America annual meeting, Dallas, TX.
- 2009: Population Association of America annual meeting, Detroit, MI.
- 2008: Population Association of America annual meeting, Chicago, IL; European Meeting of the Econometric Society, Milan, Italy; Annual Conference of the European Society for Population Economics, University College London, U.K.; European Association of Labor Economists Annual meeting, Amsterdam, The Netherlands.
- 2007: European Meeting of the Econometric Society, Budapest, Hungary; Annual Conference of the European Society for Population Economics, University of Illinois at Chicago, IL; IZA European Summer School in Labor Economics, Buch am Ammersee, Germany.

INVITED SEMINARS

- 2019: IU, Bloomington, IN, American Society of Health Economics Meetings, Washington DC, Regenstrief Institute, Indianapolis, IN, Ball State University, Muncie, IN.
- 2018: Federal Reserve Bank of Chicago, IL; The Economic Club of Indiana, March Luncheon, Featuring Ed Glaeser (3/16/2018), Indianapolis, IN; IU Grand Challenge Addictions Ideas Lab residential workshop; Health Services Research Networking Event IUPUI-IUB; IU Center for Aging Research presentation
- 2017: Indiana Board of Pharmacy, Indianapolis, IN
- 2016: Indiana University-Vanderbilt University Health Economics and Policy Conference, Indiana University, IN.
- 2014: Eli Lilly, Pharmaceutical Company, Indianapolis, IN.
- 2013: Federal Reserve Bank of Chicago, IL; NBER, Cambridge, MA.
- 2011: Purdue University, West Lafayette, IN.
- 2010: Indiana University Purdue University Indianapolis, Indianapolis, IN.
- 2009: University of Chicago (March and June), Chicago, IL; Northwestern University, Evanston, IL; Indiana University Purdue University Indianapolis, Indianapolis, IN.
- 2008: Max Planck Institute for Demographic Research, Taormina, Italy; Max Planck Institute for Demographic Research, Rostock, Germany.
- 2007: University College London, London, U.K.

INVITED Visiting Positions

- Northwestern University, Department of Economics, Evanston, IL (2008-2009).
University College London, The Center for Microdata Methods and Practice, London, U.K. (2007, 2008)

HONORS AND AWARDS

1. The North American Primary Care Research Group (NAPCRG) Pearl Award 2018 for the study ‘Exploring perceptions and experiences of patients who have chronic pain as state prescription opioid policies change: a qualitative study in Indiana (coauthored with Al Achkar M, Revere D, Dennis B, MacKie P and Grannis S). Published in *BMJ Open*. Vol 0:e015083. Pearl awards are given to top research studies presented at the NAPCRG Annual Meeting each year that will impact clinical practice.
2. Summer Research Grant, IUPUI, 2011.
3. Doctoral research fellowship, Microdata Methods and Practice supported by EU 6TH Research Framework and Marie Curie Research Training Actions, 2005-2009.
4. Poster Award, Annual meeting – Population Association of America, Detroit, 2009.
5. Teaching Fellow Scholarship, Tinbergen Institute, Amsterdam, The Netherlands, 2004 – 2005.
6. Teaching Fellow Scholarship, Department of Economics, University of Nottingham, U.K., 2002 – 2003.
7. Fairbanks Foundation – Role Co-investigator (12.5% effort), PI: Dennis Watson, Grant Number 5 NU17CE002721-02.

PROFESSIONAL AFFILIATIONS

Member of the American Economic Association (AEA), the Econometric Society, the American Society of Health Economists (ASHEcon).

TEACHING

INDIANA UNIVERSITY

ECON-270	Introduction to Statistics for Business and Economics (Fall 2010 [1:39], Spring 2011[2:54], Spring 2013[2:68], Fall 2014[2:95], Fall 2015[1:52], Spring 2016[2:46], Fall 2016[1:28], Spring 2017[2:105], Fall 2017[1:41], Fall 2018[2:57], Spring 2019[1:43], Fall 2019[1:39], Spring 2020[2:91], Fall 2020[2:85])
ECON-643	Health Economics (Fall 2011[1:2], Fall 2012[1:4], Spring 2014[1:3], Fall 2014[1:5], Fall 2015[1:4], Fall 2016[1:3], Fall 2017[1:4], Fall 2018[1:3])
ECON-744	Health Seminars (Spring 2016[1:6], Fall 2019[1], Spring 2020[1:8])
ECON-573	Econometrics II [1:3] (Spring 2012)

ADDITIONAL TEACHING EXPERIENCE

Guest Speaker: Health Economics, IUPUI, Fall 2010, Fall 2011, Fall 2012, Fall 2014, Fall 2015, Fall 2016, Fall 2017); Introduction to Health Economics, Fall 2011

DOCTORAL DISSERTATION ADVISING

Apurva Bendre (Economics, IUPUI)

DOCTORAL DISSERTATION COMMITTEES

Ronia Hawash (Economics, IUPUI, 2016)

Nan Qiao (Economics, IUPUI, 2018)
Abby Zhang (Economics, IUPUI)
Satabdi Adhikari (Economics, IUPUI)
Oindrilla Bhattacharya (Economics, IUPUI)

SERVICE

DEPARTMENT AND SCHOOL SERVICE

Course Coordinator Econ-270, Department of Economics, IUPUI, August 2019-
SLA Technology Committee, IUPUI, August 2019-May 2021.
SLA Faculty Affairs Committee, IUPUI, August 2015- May 2017.
Coordinator Health Economics seminar series, IUPUI, 2015 - 2017.
Coordinator Department of Economics seminar series, IUPUI, August 2011 – August 2013, January
2016 – December 2017.
School of Liberal Arts Technical Committee, IUPUI, June2011-June 2013.

MISCELLANEOUS SERVICE

Student-Chair editorial board, Tinbergen Magazine, September 2006 – January 2009.

REFeree SERVICE

Health Economics, Journal of Human Resources, Journal of Population Economics, Clinical Epidemiology, Journal of Health Economics, Journal of the American Medical Association, Health Affairs, Economics and Human Biology, Journal of Policy Analysis and Management, American Journal of Health Economics, Economic Letters, Nature Human Behavior.