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Luc Anselin, Ph.D., Expert in Spatial Econometrics, Named Senior Fellow at NORC at the University of Chicago

Luc Anselin, Ph.D., an expert in spatial econometrics, has been named a senior fellow at NORC at the University of Chicago where he will join the independent research organization's International Projects department. Anselin is currently Regents' Professor, Walter Isard Chair, and was the founding director of the School of Geographical Sciences and Urban Planning at Arizona State University. He previously held appointments at the University of Illinois, Urbana-Champaign; the University of Texas at Dallas; West Virginia University; the University of California, Santa Barbara; and the Ohio State University.

Anselin is an elected member of the National Academy of Sciences, an elected fellow of the American Academy of Arts and Sciences, and an elected fellow of the University Consortium for Geographic Information Science. In 2006, Anselin received the prestigious Alonso Memorial Prize for Innovative Work in Regional Science. He is an honored recipient of the 2005 Walter Isard Award.

"I'm very happy to be joining NORC as a Senior Fellow," said Luc Anselin. "I've worked with the researchers at NORC many times in the past. I am looking forward to continuing to explore the intersection of spatial analysis and social science,

and NORC's long record of high-quality social science research makes our working together an ideal fit."

Luc Anselin is director of the GeoDa Center for Geospatial Analysis and Computation at Arizona State University, and the developer of SpaceStat

and GeoDa software. His contributions to the discipline of spatial econometrics have helped bring it into the mainstream of econometrics and have advanced the field of geographic information science.

"As an organization committed to high-quality research and analysis, NORC is thrilled to welcome Luc Anselin to the team," said Dan Gaylin, president and CEO of NORC. "His expertise in geographical sciences will prove invaluable to both our staff and our clients alike." Anselin's publications include many hundreds of articles and several edited books in the fields of quantitative geography,



Luc Anselin is an expert in spatial econometrics.

regional science, geographic information science, econometrics, economics, and computer science.

“Luc Anselin joining NORC represents the addition of a unique asset to the NORC staff,” said Jeffrey Telgarsky, executive vice president, Research Programs. “His work on spatial data science has been truly ground-breaking, and we are honored to have such a talented researcher join our organization.” Anselin’s well-known book [Spatial Econometrics: Methods and Models](#) remains one of the seminal works in the field, more than 25 years after its initial publication.

A native of Belgium, Luc Anselin earned his master’s degree in economics and econometrics at the Free University of Brussels. He later earned his Ph.D. from Cornell University in the interdisciplinary field of regional science.

The Population Research Center is excited to have Luc Anselin join us as an Affiliate. His experience in spatial econometrics will open doors for researchers interested in new approaches to spatial social science.

This piece was originally printed in an NORC Press Release (12/4/15).

Willard Manning, A Leading Researcher in Health Economics, 1946-2014

By Wen Huang

Willard G. Manning Jr., a leading researcher in health economics, died at the British Home Rehabilitation Center in Brookfield, Ill. on Nov. 25. He was 68.

Manning taught at the University of Chicago Harris School of Public Policy and in the Department of Public Health Sciences before his retirement in 2011.

“Will was a beloved professor and an extraordinary researcher,” said Daniel Diermeier, dean of Chicago Harris. “In his distinguished career, he made many important contributions to our understanding of health insurance, poor health habits and mental health. We will miss a dear colleague and dedicated teacher.”

“What made Will stand out was not only the importance and rigor of his research but also the seriousness with which he approached his responsibilities as a member of the University and the larger academic community,” said Diane Lauderdale, professor of epidemiology and chair of Public Health Sciences. “The time and thought he put into mentoring junior faculty, advising graduate students and reviewing the work of others were extraordinary.”

With a focus on health economics, Manning is known for his studies that tested how the structure of insurance and costs affected demand for medical care and health. He developed a robust model to estimate optimal health insurance coverage by considering the tradeoff between the costs from moral hazard and the gains from risk pooling in health insurance.

In addition, his work involved rigorous examinations of statistical issues in modeling health and economic data, and the investigation of economic consequences of poor health habits, smoking, heavy drinking and lack of exercise. He was widely known for his work on the RAND Health Insurance



Willard Manning retired in 2011 from the University of Chicago Harris School of Public Policy with a celebration at the Quad Club. (Photo by Jason Smith)

Experiment, a randomized trial of alternative insurance plans conducted from 1974-1982.

Dan Black, deputy dean and professor at Chicago Harris, said Manning’s work with the RAND study “transformed our understanding of health insurance and has been the gold standard against which research in health economics and health services are still measured today.”

Black also commended Manning’s deep commitment to the teaching of statistics and the craft of research. “Will cared deeply that his research arrived at the correct conclusions, and he instilled this concern in his students,” said Black.

Manning published over 150 articles and chapters in his career and co-authored five books, including [The Costs of Poor Health Habits](#) by Harvard University Press in 1991. He received numerous awards for his papers on health economics, including the Victor Fuchs Lifetime Achievement Award from the American Society of Health Economists in 2010, the Distinguished Investigator Award at the annual meeting of Academy Health in 2009 and the Kenneth Arrow Prize for the Best Health Economics Article in 2003.

A member of the Institute of Medicine, Manning served on different committees addressing the lack of insurance and

health care at the end of life. He was also on a National Academy of Science panel that examined adding measures of medical risk to new poverty measures.

“Will’s scholarship made timeless contributions to our knowledge about how to analyze data on health spending and has allowed us to better understand critical health policy issues,” said David O. Meltzer, professor in the Department of Medicine, and affiliated faculty of Chicago Harris and the Department of Economics. “The methods he developed are essential tools for all health economists today.”

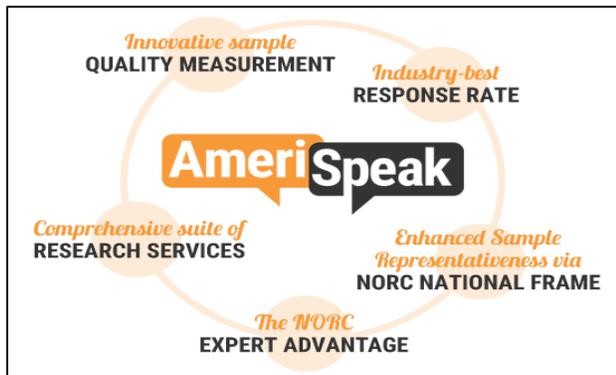
Meltzer, who was Manning’s research and teaching colleague for many years, said Manning’s devotion to his students was legendary.

“Will would provide amazingly detailed and thoughtful comments draft after draft of their written work and spend endless hours helping students solve their most difficult problems,” Meltzer added. “He set a standard for mentorship that is truly inspiring and is a model for all of us who have the honor of helping to train the next generation of scholars and teachers.”

For years, Manning had been plagued with health problems, but his daughters Lisa Manning and Heather Carlson describe their father as “an incredibly resilient man who overcame the obstacles with determination and positivity until the very end.”

As a father, Lisa said Manning taught his children and grandchildren to embrace the joy of learning and encouraged many endeavors that they had pursued in life. “My father was incredibly generous, which I always found very inspiring,” remembered Lisa. “He lit up at the prospect of seeing his grandchildren in a school recital or soccer game. The times I saw him playing Legos with them were the times he seemed to be at his happiest.”Manning is survived by his wife, Erika Manning; his daughters, Lisa Manning and Heather Carlson; his son-in-law, Brad Carlson; and his grandchildren, Emelia and Andrew Carlson.

NORC at the University of Chicago Launches AmeriSpeak – A Breakthrough Panel-Based Research Platform



NORC at the University of Chicago is pleased to announce the launch of AmeriSpeak™, the first multi-client, panel-based research platform to combine the speed and cost effectiveness of traditional panel surveys with enhanced representativeness of the U.S. population, an approach designed to achieve an industry-leading response rate, and an innovative sample quality report card. AmeriSpeak enables NORC clients to conduct research with a representative community, or panel, of pre-recruited participants who have agreed to take part in regular online and telephone surveys on government policies, social and political issues, new consumer products and services, and other topics.

AmeriSpeak is distinctive on three key dimensions of survey quality:

- **Sample Representativeness** – AmeriSpeak’s panel is representative of the entire U.S. population because it leverages NORC’s National Frame, the industry leader in sample coverage. The National Frame uses area probability sampling and includes additional coverage of hard-to survey population segments such as rural and low-income households that are underrepresented in surveys relying on address-based sampling.
- **Response Rate** – Due to the rigor of its panel recruitment, AmeriSpeak surveys are designed to achieve the highest response rate of any multi-client panel solution on the market. To enhance the representativeness and response rate of the panel, the AmeriSpeak recruitment protocol includes the use of NORC field interviewers for face-to-face recruitment.
- **Sample Quality Report** – Through the NORC Card, AmeriSpeak delivers a quantitative measurement of sample quality for clients, providing an objective measure of sample representation.

As a probability-based panel, AmeriSpeak is designed to be a nationally representative panel of U.S. teens and adults. Its initial offering will be a general population adult panel of 10,000 households across the country, with plans to expand in later years. Future plans also include the development of custom online panels that can include specific population samples such as military veterans, low-income households, or Spanish

speakers. AmeriSpeak is currently responding to requests for proposals and will start fielding surveys for clients later this spring. **The Population Research Center is excited to share this opportunity for survey researchers and encourages its members to check out AmeriSpeak for preliminary studies and population research.**

Research Spotlight: Anjali Adukia Studies Impact of Sanitation on Education in India



**RESEARCH
SPOTLIGHT**

School children in some parts of India deliberately monitor their food and drink intake during school hours because schools lack latrines, or because latrines are shared with the opposite sex. The alternative to latrines in these schools is adjacent bushes and the

associated lack of privacy. If a latrine is present but is shared with the opposite sex, toileting often becomes a source of anxiety. For girls in particular, this struggle becomes more complicated with age and many simply stop attending. Too often, children of all ages lose out on their education in order to meet their basic sanitary needs in the safety and privacy of their home. Anjali Adukia addresses this societal issue by researching the connections between sanitation and education in order to change public policy and keep kids in school.

Anjali Adukia, Assistant Professor in the Harris School of Public Policy, joined the University of Chicago community in 2014 after receiving her doctoral degree from Harvard University. Her current research, which builds on her dissertation research, focuses on sanitation and education in India, particularly the impact of adding unisex and sex-segregated latrines on educational outcomes and teacher supply. She has found that after schools add latrines, enrollment and achievement of both boys and girls increases. In addition, schools see an increase in the proportion of female teachers (who, it should be added, are subject to the same latrine situation as the children). She concludes that sanitation facilities are valuable to both boys and girls: boys and young girls benefit from any kind of latrine and pubescent

girls benefit from sex-specific latrines. Her findings go beyond the narrow theory that menstruation poses an obstacle to schooling of adolescent girls. She finds that when designing policies to influence educational decisions, it is important to consider the varying importance of health and safety for children of both sexes and different ages.



Anjali Adukia, 2014

Adukia has used her research to influence educational decision-makers by speaking with organizations such as UNICEF, the World Bank, and various ministries within the government of India. Her dissertation has won two ‘best dissertation awards’ from the Association for Public Policy Analysis and Management and The Association for Education Finance and Policy, and an Honorable Mention for the Comparative & International Education Society South Asia Special Interest Group Best Dissertation Award.

Anjali Adukia exemplifies the PRC general theme of “Poverty and Inequality” and the sub-theme “Education and Skills Investments” to address societal and public policy issues in India. The PRC applauds Prof. Adukia’s work and is excited to have her as an Associate.

Adukia stated “The Population Research Center has been a wonderful source of support in my first year on the faculty at the University of Chicago. It has provided me with a productive platform for interdisciplinary collaboration and with generous resources – intellectual, technical, and financial – to support my research agenda moving forward. I greatly appreciate having this community as I begin my faculty career.”

Recent Peer-Reviewed Publications by PRC Associates and Affiliates

- Alon, S., & **Malamud, O.** (2014). The impact of Israel's class-based affirmative action policy on admission and academic outcomes. *Economics of Education Review*, 40, 123-139.
- Ardington, C., Bärnighausen, T., Case, A., & **Menendez, A.** (2014). The economic consequences of AIDS mortality in South Africa. *Journal of Development Economics*, 111, 48-60.
- Bennett, D.**, & Yin, W. (2014). The Market for High-Quality Medicine (No. w20091). *National Bureau of Economic Research*.
- Black, D. A.**, Kolesnikova, N., & Taylor, L. J. (2014). Why do so few women work in New York (and so many in Minneapolis)? Labor supply of married women across US cities. *Journal of Urban Economics*, 79, 59-71.
- Cacioppo, S., and **Cacioppo, J.T.** (2014). "Do you feel lonely? You are not alone: lessons from social neuroscience." *Understanding Neuroscience* 1:24.
- Chin, M. H.** (2014). "How to Achieve Health Equity." *The New England Journal of Medicine* 371 (24):2331-2332.
- Claessens, A.** and Dowsett, C. (2014). "Growth and change in attention problems, disruptive behavior, and achievement from kindergarten to fifth grade." *Psychological Science* 25 (12):2241-2251.
- Cook, P. J., Kang, S., Braga, A. A., **Ludwig, J.**, & O'Brien, M. E. (2014). An Experimental Evaluation of a Comprehensive Employment-Oriented Prisoner Re-entry Program. *Journal of Quantitative Criminology*, 1-28.
- Davern, M.**, Roemer, M., and Thomas, W. (2015). "Merging Survey Data with Administrative Data for Health Research Purposes." *Health Survey Methods* 695-716.
- Guryan, J.**, Kim, J.S., and Quinn, D.M. (2014). Does Reading During the Summer Build Reading Skills? Evidence from a Randomized Experiment in 463 Classrooms. (No. w20689). *National Bureau of Economic Research*.
- Hedberg, EC, and **Hedges, L.V.** (2014). "Reference Values of Within-District Intra-class Correlations of Academic Achievement by District Characteristics Results From a Meta-Analysis of District-Specific Values." *Evaluation Review* 38 (6):546-582.
- Kalil, A.**, Dunifon, R., Crosby, D., and Su, J.H. (2014). "Work Hours, Schedules, and Insufficient Sleep Among Mothers and Their Young Children." *Journal of Marriage and Family* 76 (5):891-904.
- Kennedy, V., Abramsohn, E. ... & **Lindau, S. T.** (2015). Can you ask? We just did! Assessing Sexual Function and Concerns in Patients Presenting for Initial Gynecologic Oncology Consultation. *Gynecologic Oncology*.
- Keys, Benjamin J.**, Tomasz Piskorski, Amit Seru, and Vincent Yao. (2014). Mortgage Rates, Household Balance Sheets, and the Real Economy. (No. w20561). *National Bureau of Economic Research*.
- Luhmann, M., Murdoch, J., & **Hawkley, L.** (2014). Subjective well-being in context: County- and state-level socioeconomic context factors and individual moderators. *Social Psychological and Personality Science*, 6, 148-156.
- Linthicum, M. T., Snider, J. T., Vaithianathan, R., Wu, Y., LaVallee, C., Lakdawalla, D. N. ... & **Philipson, T. J.** (2014). Economic Burden of Disease-Associated Malnutrition in China. *Asia-Pacific Journal of Public Health*, 1010539514552702.
- Milesi, C.**, Brown, K. L., **Hawkley, L.**, Dropkin, E., & **Schneider, B. L.** (2014). Charting the Impact of Federal Spending for Education Research: A Bibliometric Approach. *Educational Researcher*, 43(7), 361-370.
- Pinto, J. M., Wroblewski, K. E., Kern, D. W., Schumm, L. P., & **McClintock, M. K.** (2014). Olfactory dysfunction predicts 5-year mortality in older adults. *PLoS One*, 9(10), e107541.
- Sallee, J.M.** (2014). Rational Inattention and Energy Efficiency. *Journal of Law and Economics*, 57(3), 781-820.
- Schneider, B.**, Hieshima, J. A., Lee, S., & Plank, S. (2014). East-Asian Academic Success in the United States. *Cross-Cultural Roots of Minority Child Development*, 320.
- Sisco, K. M., Martins, S. L., Kavanagh, E. K., and **Gilliam, M. L.** (2014). "Parent-Daughter Communication About Abortion Among Nonpregnant African-American Adolescent Females." *Journal of Adolescent Health* 55 (6):835-841.
- Wong, J. S., and **Waite, L. J.** (2015). "Marriage, Social Networks, and Health at Older Ages." *Journal of Population Ageing*. 1-19.
- Yi, J., **Heckman J.J.**, Zhang, J., and **Conti, G.** (2014). Early Health Shocks, Intra-household Resource Allocation, and Child Outcomes. (No. w20757). *National Bureau of Economic Research*.

The recent edition of the *Journal of Gerontology, Series B: Psychological Sciences and Social Sciences*, Volume 69, Supplement 2 consists of over 20 articles describing and analyzing the second wave of the National Social Life, Health, and Aging Project (NSHAP). It includes publications by seven Population Research Center collaborators: **Kathleen Cagney, Louise Hawkley, Diane Lauderdale, Edward Laumann, Martha McClintock, Colm O'Muircheartaigh, and Linda Waite**. We are confident that NSHAP, with Wave 3 starting this Fall, will continue to be an invaluable resource for future research.

Other Grants, Appointments, and Awards

Stuart Michaels was appointed to the U.S. Census Bureau to serve on the Census Bureau's National Advisory Committee on Racial, Ethnic, and Other Populations. The 32-member committee advises the Census Bureau on various topics, such as poverty, race and ethnicity, and lesbian, gay, bisexual, transgender and other populations. Michaels, Senior Research Scientist at NORC, and a PRC Affiliate, brings his 20+ years of experience in the design and analysis of sexuality surveys to the Bureau.

Larry Hedges was awarded the Sells Award for Distinguished Multivariate Research on October 11th. The award is given annually to recognize individuals who have made distinguished lifetime achievements in multivariate experimental psychology. The Sells Award is the highest honor bestowed by the Society of Multivariate Experimental Psychology.

Congratulations to our PRC members!

Upcoming Events

Demography Workshop:

Co-sponsored by the Population Research Center and the Center on Aging, the Demography Workshop is held on Thursdays from noon to 1:20 p.m. at 1155 East 60th Street, Seminar Room 232/233 during the fall, winter, and spring quarters. The Winter 2015 Demography Workshop series was organized by Kate Cagney and Louise Hawkley. Presentation topics included machine learning and data science (Rayid Ghani, University of Chicago) and adolescent stress and well-being (Emma Adam and Katie Ehrlich, Northwestern University).

The Spring Workshop is organized by Postdoctoral Fellows Ning Hsieh and Michael Gideon. For information about the speakers or their talks, please visit http://popcenter.uchicago.edu/events/demography_workshop.shtml or email Program Coordinator Kelly Pudelek at pudelek-kelly@norc.org.

Spring Quarter 2015

April 2	Seth Sanders , Professor of Economics, Duke University
April 9	Michael Gideon , NIA Postdoctoral Fellow, University of Chicago
April 16	Michelle Budig , Professor of Sociology, University of Massachusetts-Amherst
April 23	Justin Denney , Assistant Professor of Sociology, Rice University
April 30	No Workshop: PAA Conference
May 7	Bernice Pescosolido , Professor of Sociology, Indiana University
May 14	Ilan Meyer , Senior Scholar for Public Policy, The Williams Institute, UCLA
May 21	Fenaba Addo , Assistant Professor of Consumer Science, University of Wisconsin-Madison
May 28	Shoshana Grossbard , Professor of Economics, San Diego State University
June 4	Annual Seminar on the Protection of Human Subject Research Participants (PHSRP)

Population Association of America Annual Meeting:

The annual Population Association of America (PAA) meeting will take place April 30-May 2 in San Diego, California this year. The PAA is a professional, scientific, non-profit organization established to promote research on population issues.

Several PRC members are involved in this long-standing annual conference as organizers, presenters, mentors, or coauthors. These members include **Carolina Milesi, Kathleen Cagney, Louise Hawkley, Diane Lauderdale, Linda Waite, Jens Ludwig, Barbara Schneider, Edward Laumann, Martha McClintock, Robert LaLonde, and Ariel Kalil**. Members are invited to look online for the presentation schedule of our Associates' and Affiliates' recent research projects. For more information on the PAA, please see <http://www.populationassociation.org/>.

Urban Labs Initiative Seeks Solutions for World's Urban Challenges



The University of Chicago is creating a new network of five Urban Labs to address some of the world's most daunting urban problems and help realize the promise of cities in an era of global urbanization.

[UChicago Urban Labs](#) will design and test the most promising urban policies and programs across five key areas: crime, education, energy and the environment, health, and poverty. The collaborative approach recognizes that many long-term challenges in cities are related, and require unified responses. To make an impact on the broadest scale, Urban Labs will partner with civic leaders and practitioners in Chicago and around the world. Urban Labs will be launched with \$15 million in seed funding, including a \$10 million donation from the Pritzker Foundation. Building on the successful examples of the UChicago Crime Lab and Education Lab, this funding will enable the creation of three more related programs—the [Health Lab](#), [Energy and Environment Lab](#), and [Poverty Lab](#). Each will be led by a distinguished UChicago faculty member. The Pritzker gift also will fund pilot projects by community groups, non-profits, or government agencies, to be selected through the [Urban Labs Innovation Challenge](#). These projects will help propel research findings into tangible community improvements.

Combining perspectives across the five labs is crucial to addressing the big challenges that cities face, said Timothy Knowles, chairman of the Urban Education Institute and the John Dewey Clinical Professor in the Committee on Education, who has been appointed Pritzker Director of UChicago Urban Labs.

Each of the three new Urban Labs will be led by a leading faculty member in his or her field. Marianne Bertrand, the Chris P. Dialynas Distinguished Service Professor of Economics at Chicago Booth, has been named director of the Poverty Lab. The Energy and Environment Lab will be led by Michael Greenstone, the Milton Friedman Professor

of Economics and the College, and director of the Energy Policy Institute of Chicago. [David Meltzer](#), professor in Medicine, chief of Hospital Medicine at the University of Chicago Medicine and director of the Center for Health and the Social Sciences, will be director of the newly created Health Lab. [Jens Ludwig](#), the McCormick Foundation Professor of Social Service Administration, Law, and Public Policy in the School of Social Service Administration and Chicago Harris, will continue as director of the Crime Lab. Knowles and **Ludwig** will co-direct the Education Lab.

Urban Labs will open new possibilities for a distinct University of Chicago approach, using scientific methods to develop effective urban policy interventions. The Crime Lab and Education Lab have shown the potential for such research to help guide evidence-based policies that enhance urban life.

“For the past few years at the Crime Lab, we’ve been working much more closely with policymakers to generate evidence that is both rigorous and relevant, and can translate very rapidly into actionable policy decisions very rapidly to address these important urban problems,” said **Ludwig**.

The [Urban Labs Innovation Challenge](#) will use the model pioneered by the Crime Lab and Education Lab and other projects throughout the university **to test promising programs in each of the new labs’ topic areas**. After a competitive selection process, **one or more applicants will receive funding of up to \$1 million for up to two years**. Working with the grant recipients, Urban Labs researchers will draw on insights from frontier science to identify the most promising approaches for addressing key urban challenges, and engage practitioners who will help those organizations build the capacity to implement interventions at large scale with fidelity. Eligible applicants include organizations from the non-profit, public, and private sectors that are committed to partnering with Urban Labs to test promising interventions at scale in Chicago. For more information or to apply, see <http://urbanlabs.uchicago.edu/page/urban-labs-innovation-challenge>.

This piece reprinted from [UChicago Home Page](#).

PRC Welcomes New Members

Emma Adam is Professor of Human Development and Social Policy and a Faculty Fellow at the Institute for Policy Research at Northwestern University. Adam uses population-based samples to study the effects of adolescent stress and stress hormones, particularly cortisol, on mental and physical health outcomes in childhood, adolescence, and young adulthood.

Anjali Adukia is Assistant Professor at the Harris School of Public Policy at the University of Chicago. Her research focuses on understanding factors that influence educational decisions, and the potential role for institutions, such as government agencies and nonprofit organizations, to improve child outcomes.

Luc Anselin is Senior Fellow at NORC at the University of Chicago in the Academic Research Centers. His research focuses on the analysis of spatial data ranging from exploration to visualization and modeling. Anselin looks at the development of appropriate methods, their implementation in open source software and application in empirical studies

Charlie Catlett is Senior Fellow at the Computation Institute at the University of Chicago and Director of the Urban Center for Computation and Data. His current research focuses on urban data science, cyber security and privacy, mobile devices and social networks, and the use of mobile and embedded computing to create intelligent infrastructure.

Ian Foster is Professor in the Department of Computer Science and Director of the Computation Institute at the University of Chicago. His research deals with distributed, parallel, and data-intensive computing technologies, and innovative applications of those technologies to scientific problems in such domains as climate change and biomedicine.

Rayid Ghani is Senior Fellow at the Harris School of Public Policy, at the University of Chicago and Chief Data Scientist at the Computation Institute's Urban Center for Computation and Data. His current work involves using data and analytics for high impact social good problems in areas such as education, healthcare, energy, transportation, and public safety.

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