

Laura A Kelly

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Education

Aug 2016	Ph.D., Demography Graduate Group in Demography, Population Studies Center, University of Pennsylvania
May 2012	M.P.H., Global Health Rollins School of Public Health, Emory University
May 2010	M.Sc., Genomic and Pathway Medicine Division of Pathway Medicine, University of Edinburgh Medical School, University of Edinburgh
May 2009	B.A., Biology School of Arts and Sciences, University of Pennsylvania

Academic Positions

Aug 2018 - Present	Adjunct Faculty, Gillings School of Global Public Health, University of North Carolina at Chapel Hill
May 2018 - Present	Affiliate Researcher, T. Denny Sanford School of Social and Family Dynamics, Arizona State University
Mar 2018 - Present	Affiliate Researcher, Division of Reproductive Health, National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention
Jul 2016 – Feb 2018	Research Fellow, Division of Reproductive Health, National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention
May 2012 – Aug 2016	NICHD T32 Training Fellow, Graduate Group in Demography, Population Studies Center, University of Pennsylvania
Nov 2014 – May 2016	Affiliate Researcher, Office of National Statistics, United Kingdom Statistic Authority

Research and Teaching Interests

Public Health, Epidemiology, Demography, Demographic Methods, Social Demography, Survey Research Methods, Reproductive Decision Making, Maternal and Child Health

Peer-Reviewed Works: Published and Forthcoming

1. **Kelly L**, Costa M, Serbanescu F, Cunningham SA. "Emergent son preference in the context of fertility decline." (Under Review.)

2. **Kelly L**, Harknett K. "Couple Pregnancy Intentions and Pregnancy Outcomes: Evidence from the National Survey of Family Growth 2006-2015." (Under Review.)
3. Dynes M, Bernstein E, Morof D, **Kelly L**, Ruiz A, Mongo W, Chaote P, Nshoma Bujari R, Serbanescu F. "Client and Provider Factors Associated with Integration of Family Planning Services among Maternal and Reproductive Health Clients in Kigoma Region, Tanzania: A cross-sectional study, April-July 2016." *BMC Reproductive Health*, 15:152. PMID: PMC6134585.
4. Dynes M, Twentyman E, **Kelly L**, Maro G, Msuya AA, Dominico S, Chaote P, Rusibamayila R, Serbanescu F. (2018) "Patient and provider determinants for receipt of three dimensions of respectful maternity care in Kigoma, Tanzania—April-July, 2016." *BMC Reproductive Health*, 15:41. PMID: PMC5838967.
5. **Kelly L**, Preston S. (2016) "The contribution of smoking to Scotland's mortality disadvantage." *Population Studies* 70(1): 59-71. PMID: PMC4798891
6. **Kelly L**. (2016) "Three essays on the behavioral, socioeconomic, and geographic determinants of mortality: Evidence from the United Kingdom and international comparisons". ProQuest: AAI10191156.
7. **Kelly L**, Cunningham SA, Patel S, Prabhakaran D, Narayan KM. (2014) "Measuring social networks for medical research in lower-income settings." *PloS One* 9(8): e105161. PMID: PMC4143257.
8. Khandelwal S, **Kelly L**, Malik R, Prabhakaran D, Reddy S. (2013) "Impact of omega-6 fatty acids on cardiovascular outcomes: a review." *Journal of Preventive Cardiology* 2(3): 325-336. PMID: PMC4062196.

Select Invited Presentations

Apr 2018	Kelly, L. "Emergence son preference in the context of fertility decline." Population Association of America, 2018 Annual Meeting, Denver CO.
Apr 2017	Kelly, L. "Contraceptive Failure Rates in Kigoma Region, Tanzania." Population Association of America, 2016 Annual Meeting, Chicago IL.
Apr 2017	Kelly, L. "Couple Pregnancy Intentions and Pregnancy Loss: Evidence from the National Survey of Family Growth." Population Association of America, 2016 Annual Meeting, Chicago IL.
Apr 2017	Kelly, L. "Morality among First and Second Generation Migrants in England and Wales." Population Association of America, 2016 Annual Meeting, Chicago IL.
Sep 2016	Kelly, L. "Behavioral factors drive geographic mortality inequality in Great Britain." British Society for Population Studies, 2016 Annual Meeting, Winchester UK.
Mar 2016	Kelly, L. "The contribution of a history of heavy smoking to Scotland's mortality disadvantage." Population Association of America, 2016 Annual Meeting, Washington DC.
Jun 2014	Kelly, L. "The couple context of unintended pregnancy: the effect of parental disagreement on birth outcomes in the United States 2006-2010." European Population Conference, 2014 Annual Meeting, Budapest.
Apr 2013	Kelly, L. "Egocentric social network analysis of cardiovascular disease in South Asia: preliminary evidence from urban India." Population Association of America, 2013 Annual Meeting, New Orleans.

Aug 2011 Kelly, L. "Capacity development in an international setting: personal experiences". Public Health Foundation of India, NHLBI Appropriation Committee Briefing, New Delhi.

Jul 2011 Kelly, L. "Social networks in India: harnessing social network analysis to combat cardiovascular disease". South Asia Network for Chronic Disease, Colloquium Series, New Delhi.

Teaching and Mentoring

Aug 2018 – Present Adjunct Faculty and Course Coordinator, Gillings School of Global Public Health, University of North Carolina at Chapel Hill

- Adjunct Faculty for "Understanding Public Health Issues" with the Gillings School of Global Public Health Master of Public Health (MPH) program online MPH@UNC program
- "Understanding Public Health Issues" integrates project-based learning to train students to identify what constitutes a public health issue, what factors determine population health patterns and inequities, and strategies for communicating with diverse audiences about public health issues
- Course Coordinator role involves coordination among section instructors for "Understanding Public Health Issues" course and between section instructors and Gillings Lead Faculty/ Program Administrator.

Mar 2018 Guest Lecturer, Survey Research Methods, Rollins School of Public Health, Emory University

- Guidance on research design and tool, including decision-making for complete enumeration (census) versus partial enumeration (sample survey)
- Instruction on the translation of research questions into deliverable instrument, including protocol development and securing of multi-site grants and support
- Presentation of personal research as case studies

Aug 2016 Guest Lecturer, Population and Development, Rollins School of Public Health, Emory University

- Overview of indirect estimation methods, including various types and practical applications
- Guidance on research design and tool, including decision-making for indirect versus direct analyses and data collection
- Presentation of personal research as case studies

Dec 2011 Guest Lecturer, Survey Research Methods, Rollins School of Public Health, Emory University

- Instruction on the translation of research questions into deliverable instrument, including protocol development and securing of multi-site grants and support
- Guidance on fieldwork in a resource poor setting, toolbox for successful partnership with host institutions, instruction on management of fieldwork team, and personal feedback
- Presentation of personal research as a case study

Dec 2010 – May 2012 Curriculum Coordinator, Emory Pipeline Program, Emory University Medical School and Rollins School of Public Health

- Curriculum Coordinator for a wide scale multi-tiered, interdisciplinary health science education program connecting South Atlanta School of Health and Medical Science students with Emory University undergraduate, graduate, public health and medical students
- Developed infectious disease and sexual health curriculum
- Led recruitment and selection of graduate public health and medical student teachers

- Facilitated and managed four cohorts of students, composed of 8 graduate, 16 undergraduate, and 16 high school students

Dec 2010 – May 2012 Teaching Assistant, Community Participatory Research Methods Course, Rollins School of Public Health, Emory University

- Guest lecturer and teaching assistant for qualitative research methods course
- Managed all aspects of course administration, including in-class curriculum and external practical experiences
- Facilitated ongoing student projects, point person for communications between students and external groups and university personnel
- Organized public presentation of research project to relevant stakeholders, community and student presenters, and university officials

Select Professional Experience

Apr 2018 – Present Public Health Consultant, Deloitte LLP

- Public Health Consultant assigned to the Centers for Disease Control and Prevention working within Strategy & Analytics service line for Deloitte's Government & Public Services practice
- Client work includes direct collaboration with agency leadership and external stakeholders
- Technical domains of consultation include strategic planning, data analysis, program management, program development and implementation, grant and manuscript writing, workshop facilitation, and training

Jul 2016 – Mar 2018 Demographer, Division of Reproductive Health, National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention

- Designed analysis methodology, data collection tools, standard operating procedures, master trainer and interviewer manuals, training curriculum, data management system, and quality control for population-wide reproductive health programs in 6 districts of Zambia and 4 districts of Uganda
- Managed and facilitated in-country training and supervision of 68 field teams, comprising 340 interviewers, field supervisors, and data quality controllers for \$2+ mil. population census covering over 180,000 household in Zambia
- For both the population and facility censuses, oversaw data collection during the pre-test period and data collection launch in the field
- Independently conducted formative research on maternal and child health in Tanzania and authored technical guidance on the indirect estimation of maternal mortality to inform the project's research design, field methodology, and interpretation of findings

Jul 2014 – Aug 2014 PhD Intern, Shire Plc, US Government Relations and Public Affairs

- Process improvement through initiation of a working rare disease database reconciling alternate classifications and established unique identifiers to cross-reference disease phenotype, population statistics, and available treatment
- Conducted unique longitudinal analysis of pricing and drug-specific access by individual plan and within-plan changes
- Strategic design and sampling methodology of rare disease patient survey to quantify degree of and barriers to patient access in terms of providers, insurers, and individual costs
- Authored several policy briefs and research reports to synthesize and analyze relevant public policy in both the U.S. and international markets, including report on parallel trading and counterfeit medications.

Jul 2013 – May 2016 Managing Coordinator, Graduate Student Center, University of Pennsylvania

- Managed all aspects of the graduate and professional New Student Orientation (NSO), which services 4000+ incoming Penn students
- Coordinated the development and administration of online sessions for incoming students before they arrive on campus, on specific topics such as housing, health insurance, and international students
- Authored informational publications, provided to every incoming graduate student and the website, and social media management

Select Leadership and Community Engagement

March 2017 – Present	Programs Committee, MedShare, Southeast Regional Headquarters, Decatur, GA.
Aug 2013 – May 2015	Chair, Demography Club, Graduate Group of Demography, University of Pennsylvania, Philadelphia, PA.
Aug 2010 – May 2011	Board Member, Emory Global Health Organization, Emory University, Atlanta, GA

Awards and Fellowships

2016	ORISE Grant, Department of Energy
2013-16	SAS Travel Subvention, University of Pennsylvania
2013	GAPSA Grant, University of Pennsylvania
2012-16	NICHD T32 Training Grant
2011	Practical Experience Award, Emory University
2011	Global Field Experience Research Grant, Emory University
2010	Lettie Pate Whitehead Scholarship
2009	Vagelos Research Grant, University of Pennsylvania

Graduate-Level Coursework

Demography [?](#)

- Demographic, Economic, and Social Interrelations (UPENN) [?](#)
- Population Processes, I, II (UPENN) [?](#)
- Basic Methods in Demography (UPENN)
- Demographic, Economic, and Social Interrelations (UPENN)
- Formal Demography Workshop (STANFORD)
- Population Dynamics (EMORY)

Statistics

- Bayesian Methods (CDC)
- Event History Analysis (UPENN)
- Structural Equation Models (UPENN)
- Quantitative Methods I, II (UPENN)
- GIS Applications in Social Science (UPENN)
- Statistical Methods I, II (EMORY)
- Sampling Applications (EMORY)
- Monte Carlo Simulation Workshop (EMORY)

Epidemiology

- Epidemiological Methods I, II (EMORY)
- Application of Epidemiological Methods (EMORY)
- Epidemiology of Chronic Disease (EMORY)

Public Health, Misc.

- International Migration (UPENN)

- Parental Care Patterns and Life Course Trajectories (UPENN)
- Policies in Global Health (EMORY)
- Case Studies in Infectious Disease (EMORY)
- Diabetes: Global Disease Prevention and Control (EMORY)
- Community Transformation (EMORY)
- Perspectives on Environmental Health (EMORY)
- Qualitative Research Methods in Global Health (EMORY)
- Vaccines and Vaccine-preventable Diseases (EMORY)
- Behavior and Social Science in Public Health (EMORY)
- International Infectious Diseases (EMORY)
- Introduction to Public Health Surveillance (EMORY)
- Management Principles for Informatics (EMORY)

Software: STATA, SAS, R, MPlus, Microsoft Office (Excel, Word, Powerpoint), Gephi