

Hannah O. James
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Education

Master of Science, Harvard T.H. Chan School of Public Health, 2018

Concentration: Health systems and health services research

Thesis: "Analyzing Health Provider Knowledge in Kenya, Nigeria, Tanzania, Togo, and Uganda: Using the Service Delivery Indicators (SDI) for Health Survey"

Bachelor of Science, Cornell University College of Human Ecology, 2015

Major: Human Biology, Health and Society; Minor: Global Health

Research Experience

Senior Research Associate

June 2018 - Present

Research and Cost Trends Team, Massachusetts Health Policy Commission

Supervised by Dr. Laura Nasuti and Dr. David Auerbach

- Autonomous and collaborative health services researcher skilled in using Stata and SAS for claims-based analyses to inform data-driven health policy for the state of Massachusetts
- Research expertise in cost, utilization, and quality analyses using the Massachusetts All-Payer Claims Database
- Steward and improvement of patient attribution methodology to enable analyses by provider organization
- Project lead and author of technical reports, policy briefs, and public presentations on research and policy
- Research areas include: healthcare workforce issues, prescription drug costs, provider organization performance variation (cost, utilization, and quality), end of life care, innovative care delivery models including telehealth and home-based care

Graduate Research Assistant

March 2017 - May 2018

The Lancet Global Health Commission on High Quality Health Systems in the SDG Era

- Contributed analyses and written summaries for sentinel report: "High-quality health systems in the Sustainable Development Goals era: time for a revolution."
- Analyzed determinants of quality care in low-middle income countries using Stata and R statistical software and data from the World Bank and DHS

Monitoring and Evaluation Research Consultant

January - March 2017

Centers for Disease Control and Michigan Department of Health and Human Services

- Designed a statewide evaluation plan for the Michigan Title X Family Planning Program
- Studied the implementation of EHRs into clinical practice models at federally qualified health centers
- Deployed a survey to over 20 sites gather clinic and person-level data to support ongoing evaluation of Title X funding

Global and Public Health Fellow

July 2015 - August 2016

Cornell University Global Health Program

- Supervised and provided academic support for 80 students in the University-wide Global Health minor
- Developed course content for core and elective minor courses
- Facilitated international research partnerships, risk management, and supervised undergraduate research during field placements in Tanzania and Zambia

- Teaching assistant and lead instructor for Global Health minor courses

Research Assistant

May 2014 - May 2015

Altier Bacterial Pathogen Lab, Cornell University Veterinary Medical College

- Screened Salmonella typhimurium genome for invasion gene activators and suppressors in fatty acid conditions
- Development of multiplex assay for brucellosis infection using an immunodominant antigen approach
- Laboratory skills: PCR, Bacterial cloning, Transformation, Transduction, Western blotting, Gel electrophoresis, Media preparation, Plasmid extraction, Strain preservation, Sterile method techniques, Beta galactosidase assays, Spectrophotometry

Cornell Global Health Field Internship

May - August 2013

Kilimanjaro Christian Medical College in Moshi, Tanzania

- Evaluated increasing prevalence of Type II diabetes in Tanzania: included background research, stakeholder interviews, and justification of policy recommendations
- Implemented a Women's Economic Empowerment Program at Network Against Female Genital Mutilation (NAFGEM) while working to increase public awareness and support for elimination of female genital mutilation

Research and Outreach Assistant

May - August 2012

Center for Immigrant Health & Cancer Disparities

- Lead community health outreach efforts completing health intake/access surveys in Spanish
- Contributed to staff research on retrospective analysis to discern relationships between residency placements and non-English language proficiency to best serve patient populations with limited English proficiency

Publications and Presentations

Massachusetts Health Policy Commission Technical Reports and Public Presentations:

Policy Brief: [Nurse Practitioner Workforce and Role in Massachusetts Health Care Delivery System](#) (May 2020)

Abstract accepted and intent to present poster at AcademyHealth's 2020 Annual Research Meeting

HPC DataPoints (interactive data brief), Issue 16: [The Doctor Will \(Virtually\) See You Now](#) (March 2020)

2019 Annual Cost Trends Report, Chartpack - Section on [Provider Organization Performance Variation](#) (February 2020)

[Nurse Practitioners in Primary Care](#) [research presentation slides 35-52; forthcoming policy brief] (October 2019)

2018 Annual Cost Trends Report, Chapter 5: [Provider Organization Performance Variation - Spending Variation for Clinically Similar Populations](#) (February 2019)

Abstract accepted and presented as a [poster](#) at AcademyHealth's 2019 Annual Research Meeting

HPC DataPoints (interactive data brief), Issue 11: [Insulin Price Growth and Out-of-Pocket Spending](#) (May 2019)

Lead analyst for [Analysis of Potential Cost Impact: Mandated Nurse-to-Patient Staffing Ratios in Massachusetts](#); modeled workforce and economic effects of Massachusetts Ballot Question 1 (October 2018)

The Lancet Commission on High Quality Health Systems in the SDG Era:

Contributed analyses and summary reports for [Section 2: What quality of care are people receiving in LMICs today?](#) (September 2018)

Teaching Experience

Harvard University:

Lead Teaching Fellow, GHHP 80: "Re-imagining Health Care: Effective Altruism and Beyond" with Professor Nir Eyal

Cornell University:

Lead Teaching Assistant, NS 2600: "Introduction to Global and Public Health" with Senior Lecturer Jeanne Moseley

Lead Teaching Assistant, NS 2610: "Hot Topics in Global and Public Health" with Senior Lecturer Jeanne Mosely

Instructor, NS 4620: "Global Service Learning Pre-Departure Seminar"

Instructor, NS 4630: "Global Health, Development, and Policy Issues in Tanzania"

Professional Service**Academy Health**

Reviewer for Digital Technologies, Data, and Analytics theme of the 2020 Annual Research Meeting

Reviewer for Health Care Costs and Spending theme of the 2019 National Health Policy Conference Meeting

Leadership & Service

Cayuga's Watchers, Founding Board Member, Chair of Internal Operations August 2012 - Present

Quill & Dagger Alumni Board, Vice President of Programs May 2015 - Present

Cornell Alumni Admissions Ambassador Network, Alumni Interviewer August 2016 - Present

Cornell University Emergency Medical Service, Crew Chief and Clinical Preceptor September 2011 - May 2016

Millburn-Short Hills Volunteer First Aid Squad, Volunteer EMT September 2009 - May 2015

Awards & Honors

Inducted into the Quill & Dagger Senior Honor Society as a member of the 123rd Tapping Class, April 2014

Senior Service Award, Cornell University Emergency Medical Service, May 2015