It is health that is real wealth and not pieces of gold and silver.

– Mahatma Gandhi
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The Julis Romo Rabinowitz Building, home of the Center for Health and Wellbeing.
Dear friends,

The magnolias around Scudder Plaza are in full bloom, reminding us that another academic year is coming to a close. The past year has been an eventful one for CHW. We welcomed a new co-director, Kate Ho, who brings a wealth of experience to this role. Kate’s award-winning research focuses on the industrial organization of the medical care market, investigating issues such as how bargaining between groups of providers and insurers affect health care costs. Prior to her academic career she spent four years as Private Secretary (Chief of Staff) to the U.K. Minister of State for Health. We also welcomed a new faculty affiliate, Sanyu Mojola. Sanyu’s work examines the social determinants of health and illness. Her work focuses on the HIV/AIDS pandemic in settings such as Kenya, the United States and South Africa. Her book, “Love, Money and HIV: Becoming a Modern African Woman in the Age of AIDS” won multiple awards.

We experienced losses as well as gains. Adel Mahmoud passed in June and his wisdom, deep knowledge, and enthusiasm are sorely missed. Adel was instrumental in running our health scholars program, and we are still adjusting in the face of his loss. In another important transition, our founding center manager, Susan Rizzo, retired after 26 years at Princeton and 18 years at CHW. For Susan, this will be a new beginning as she pursues her career as an artist. Our new manager, Debra Pino Betancourt, comes to us with experience managing programs at Boston College and Rutgers, and we are fortunate to have her as part of our team.

In addition to our permanent faculty and staff, we had an active program of faculty visitors representing many disciplines and home institutions. These included Hanming Fang (department of economics at Penn), Carla Guerriero (London School of Hygiene and Tropical Medicine), Justin Leroux (HEC Montreal), Mark Shrime (Harvard School of Public Health), plus Amanda Kowalski (Yale department of economics) and Maria Rosales-Rueda (UC Irvine School of Education). Jennifer Hirsch (Columbia School of Public Health) attracted considerable attention on campus with her research and teaching on sexual violence on college campuses.

The undergraduate Global Health certificate program continued to be one of the most popular on campus, and our students did remarkable thesis work in 2018, producing prize winning theses on topics as diverse as “DNA Methylation as a Mediator of the Association between Cognitive Ability and Neighborhood Air Pollution,” (Aaron Gurayah) “Long-Term Consequences of Early Life Stress on Behavior and Neuroplasticity in the Hippocampus,” (Lara Mejia) and “The Impact of Hospital Closures on the quality of care in New York City” (Julia Song).

While all of our GHP certificate students participate in CHW sponsored summer internship and research opportunities, we also accommodate many other students with interests in health policy and in 2018 we facilitated internships for a record 98 students in 28 countries.

Our Master’s level Health and Health Policy program is smaller, though now that a total of 123 students have completed it, we are starting to have a substantial alumni base. In 2018, seven MPA students produced a report for the State of Washington under the guidance of Heather Howard examining efforts to increase the enrollment of young adults in the state’s health insurance market place. This was the seventh annual policy workshop in a series focused on state-level health care reforms.

CHW affiliates continued to conduct wide ranging and path-breaking research in health policy, ranging from basic research into the development of vaccines for cytomegaloviruses (which are responsible for birth defects worldwide), the genomics of cancer, maternal and child health, the effects of pollution on health, the use of flavoring like menthol to sell cigarettes, and determinants of inappropriate use of pharmaceuticals such as antibiotics, opioids, and anti-depressants. Some of this work is profiled on pages 22-27. Faculty research was recognized through a variety of awards, as shown on page 6.

We are looking forward to celebrating the 20th anniversary of CHW in 2020 through a series of events to bring together our alums, current and past affiliates and visitors, and friends. Please watch our website for further details!

Yours,

Janet Currie
CHW Co-Director
Henry Putnam Professor of Economics & Public Affairs

Kate Ho
CHW Co-Director
Professor of Economics
The Center for Health and Wellbeing (CHW) fosters research and teaching on the multiple aspects of health and wellbeing in both developed and developing countries. The Center’s goals are to understand the determinants of health and wellbeing, the role that public policy plays in shaping the quality of people’s lives, and to educate undergraduates and graduate students who aspire to careers in health and health policy.

CHW was founded in 2000 by Professor Christina Paxson, former Dean of the Woodrow Wilson School and current President of Brown University. Professors Janet Currie and Kate Ho are the Co-Directors of the Center, and Gilbert Collins is the Center’s Associate Director.

Housed within the Woodrow Wilson School of Public and International Affairs, the Center offers two certificate programs: the undergraduate Global Health and Health Policy (GHP) certificate and the graduate Health and Health Policy (HHP) certificate. Also under the CHW umbrella are the Program on U.S. Health Policy, which sponsors research and activities addressing aspects of domestic health care and health policy; and the State Health Reform Assistance Network and State Health and Value Strategies, both Robert Wood Johnson Foundation-funded programs that assist states with health reform implementation.

CHW is also home to the National Institute on Aging Roybal Center, also called the Center for Translational Research on Aging. This Center has sponsored numerous pilot projects by researchers from Princeton University and other academic institutions around the globe.


CHW affiliates are Princeton University faculty members representing various disciplines in the natural sciences, social sciences and humanities, including anthropology, demography, economics, ecology, evolutionary biology, history, molecular biology and neuroscience, among others. All CHW affiliates share research interests in global health, and many teach health-focused courses, advise and partner with students in health-related research, and mentor students on internships and careers in global health.

**NEW AFFILIATES IN 2018**

**Kate Ho  Economics**

Dr. Ho began serving as CHW’s new Co-Director in July 2018 alongside Janet Currie. She joined Princeton from Columbia University’s Economics Department where she was a faculty member from 2005-2013. Her research focuses on the industrial organization of the medical care market. She studies the interactions between firms, particularly health insurers and providers such as hospitals, their effects on the price and quality of care provided, and the impact of market design and regulations on these outcomes. Dr. Ho is an editor at the *RAND Journal of Economics*. She is a past co-editor at the *American Economic Journal: Economic Policy* and has served on the editorial board of the *American Economic Review*, the *American Economic Journal: Microeconomics* and the *Journal of Economic Literature*. Her work has been recognized by the International Health Economics Association and the *Journal of Applied Econometrics*. Prior to her academic career she spent four years as private secretary (Chief of Staff) to the U.K. Minister of State for Health.

**Sanyu Mojola  Sociology**

Dr. Mojola is Professor of Sociology and Public Affairs and a Faculty Associate of the Office of Population Research. Her research examines how societies produce health and illness. She is especially interested in how gender, race/ethnicity, aging and the life course and socio-economic status shape health outcomes. She has investigated how social processes and mechanisms within schools, communities, labor markets, cities and ecosystems can lead to health inequality. Dr. Mojola’s past and ongoing work primarily focuses on the HIV/AIDS pandemic as it unfolds in various settings such as Kenya,

**CURRENT CHW AFFILIATES**

Jeanne Altmann  
Ecology & Evolutionary Biology  
Elizabeth Armstrong  
Sociology and WWS  
Ruha Benjamin  
African American Studies  
João Biehl  
Anthropology  
Anne Case  
Economics and WWS  
Jonathan Cohen  
Psychology  
Alin Coman  
Psychology and WWS  
Dalton Conley  
Sociology  
Angela Creager  
History  
Janet Currie  
Economics and WWS  
Angus Deaton  
Economics and WWS  
Marc Fleurbaey  
Center for Human Values and WWS  
Thomas Fujiwara  
Economics  
Leslie Gerwin  
Woodrow Wilson School  
Noreen Goldman  
Demography and WWS  
Andrea Graham  
Ecology & Evolutionary Biology  
Bryan Grenfell  
Ecology & Evolutionary Biology and WWS  
Katja Guenther  
History  
Johannes Haushofer  
Psychology and WWS  
Kate Ho  
Economics  
Heather Howard  
Woodrow Wilson School  
Laura Kahn  
Woodrow Wilson School  
Yibin Kang  
Molecular Biology  
Ilyana Kuziemko  
Economics  
Ramanan Laxminarayan  
Princeton Environmental Institute  
Sara McLanahan  
Sociology and WWS  
Jessica Metcalf  
Ecology & Evolutionary Biology and WWS  
Sanyu Mojola  
Sociology and WWS  
Yael Niv  
Psychology and Princeton Neuroscience Institute  
Daniel Notterman  
Molecular Biology  
Alexander Ploss  
Molecular Biology  
Leon Rosenberg  
Molecular Biology  
Carolyn Rouse  
Anthropology  
Joan Ruderman  
Princeton Environmental Institute  
Matthew Salganik  
Sociology  
Eldar Shafir  
Psychology and WWS  
Harold Shapiro  
Economics and WWS  
Thomas Shenk  
Molecular Biology  
David Silver  
Economics and WWS  
Paul Starr  
Sociology and WWS  
Marta Tienda  
Demography and WWS  
Shirley Tilghman  
Molecular Biology and WWS  
Keith Wailoo  
History and WWS

Heather Howard, a lecturer at the Woodrow Wilson School and Director of the State Health and Value Strategies program, is one of many affiliates at the Center for Health and Wellbeing.
Andrea Graham was awarded a 2018 Kavli Fellowship by the Kavli Foundation and the U.S. National Academy of Sciences in recognition of her research on the evolutionary ecology of host-parasite interactions.

Anne Case, the Alexander Stewart 1886 Professor of Economics and Public Affairs, received an Honorary Doctorate from the Pardee RAND Graduate School for her achievements in health research.

Jonathan Cohen, the Robert Bendheim and Lynn Bendheim Thoman Professor in Neuroscience, was awarded the Association for Psychological Science’s William James Fellow Award for “lifetime of significant intellectual contributions to the basic science of psychology.”

Dalton Conley, the Henry Putnam University Professor of Sociology, was elected to the National Academy of Sciences.

Angela Creager, the Thomas M. Siebel Professor in the History of Science, received the American Philosophical Society’s 2018 Patrick Suppes Prize in the History of Science for her book *Life Atomic: A History of Radioisotopes in Science and Medicine*. The book examines the production and wide-ranging uses of radioisotopes after World War II, as well as the new hazards that were part of the atomic age.

Janet Currie, the Henry Putnam Professor of Economics and Public Affairs, received the NOMIS Foundation’s Distinguished Scientist and Scholar Award. The award, which comes with a $2 million research grant, will support her research using big data to identify promising therapies for pediatric mental disorders. Professor Currie is also the President of the American Society of Health Economists for 2018-2019.

Ramanan Laxminarayan was elected Chair of the Board of the Global Antibiotic Research & Development Partnership, the international product development partnership set up by the World Health Organization and the Drugs for Neglected Diseases Initiative.

Matthew Salganik won the Outstanding Article Award from the American Sociological Association Section on Methodology for his paper, “Generalizing the Network Scale-up Method: A New Estimator for the Size of Hidden Populations.”

Marta Tienda, the Maurice P. During Professor in Demographic Studies, was appointed as an External Fellow of the American Institutes for Research.
CHW has a program through which visiting researchers devote an academic year or a semester in residence at Princeton to research, discussions and scholarly collaborations concerned with the determinants of physical, mental and emotional wellbeing, and the effects of public policy on health and wellbeing. Visiting researchers represent a variety of health-related disciplines, including medicine, psychology, biology, epidemiology, economics, sociology and related social science disciplines.

2018 RESEARCH SCHOLARS

Hanming Fang  Visiting Research Scholar

Dr. Fang is the Class of 1965 Term Professor of Economics at the University of Pennsylvania. He is an applied microeconomist with broad theoretical and empirical interests focusing on public economics. His research covers topics ranging from discrimination, social economics, welfare reform, psychology and economics, to public good provision mechanisms, auctions, health insurance markets, and population aging. In 2008, Dr. Fang was awarded the 17th Kenneth Arrow Prize by the International Health Economics Association (IHEA) for his research on the sources of advantageous selection in the Medigap insurance market.

Dr. Fang is currently working on issues related to insurance markets, particularly the interaction between the health insurance reform and the labor market, and the alternative health insurance reform proposals. He also studies the Chinese economy, particularly on issues related to population aging and social security.

He has been a co-editor for leading economics journals, including the Journal of Public Economics and the International Economic Review, and has served on the editorial board for numerous journals. He was elected as a Fellow of the Econometric Society in 2018.
Dr. Fang is a research associate at the National Bureau of Economic Research (NBER) where he served as the acting director of the Chinese Economy Working Group from 2014 to 2016. He is also a research associate of the Population Studies Center and Population Aging Research Center, a Senior Fellow at the Leonard Davis Institute of Health Economics, and an Executive Committee Member of the Contemporary Studies of China Center, all at the University of Pennsylvania. Dr. Fang served as the Scientific Director of the Australia-China Population Aging Research Hub at the University of New South Wales in Australia, and is a Senior Fellow of the Asian Bureau of Economic and Finance Research (ABFER) in Singapore, and a Research Fellow of the IZA in Germany.

Dr. Fang received his Ph.D. in Economics from the University of Pennsylvania in 2000. Before joining the Penn faculty, he held positions at Yale University and Duke University.

His broad research areas include: Applied Microeconomic Theory; Empirical Microeconomics; Public Economics; and Chinese Economy. His current research interests include Insurance Markets; Economics of Discrimination and Affirmative Action; and Chinese Economy.

Carla Guerriero  Visiting Research Scholar

Dr. Guerriero is an Assistant Professor in the Department of Economics and Statistics (DISES) at the University of Naples Federico II. She is also an Honorary Research Fellow in Health Economics at the London School of Hygiene and Tropical Medicine (LSHTM) and Research Fellow of the Center for Studies in Economics and Finance (CSEF). Dr. Guerriero’s research interests focus on three main themes: the measurement of health and wellbeing in children from the child’s perspective, studying the role of children in the family using a collective household model approach, and the economic evaluation of environmental health interventions targeting children. She is currently the Principal Investigator of CHILDROLE, an interdisciplinary research project involving children (aged 4-19 years) and their families. The main objective of CHILDROLE is to investigate whether children’s preferences regarding their own health risks influence family decisions. She is also co-Principal Investigator of BiketoWork, a research project promoting sustainable mobility through monetary incentives, and consultant for the Government of Georgia to promote interventions aimed at reducing air pollution exposure for children at school.

After graduating in Economics from the University of Naples Federico II, Dr. Guerriero received an MSc in Health Economics at the London School of Economics and a Ph.D. at the London School of Hygiene and Tropical Medicine. Whenever possible, Carla works as volunteer for ARCHELON, the Sea Turtle Protection Society of Greece.

Jennifer Hirsch  Visiting Research Scholar

Dr. Hirsch, a medical anthropologist, is Professor of Sociomedical Sciences at Columbia University’s Mailman School of Public Health. Her research spans five intertwined domains: how modifiable social institutions shape health outcomes; gender, sexuality and migration as drivers of sexual and reproductive health and HIV risk practices; sexual assault and undergraduate wellbeing; and the intersections between anthropology and public health.

Dr. Hirsch is co-Principal Investigator of the Sexual Health Initiative to Foster Transformation (SHIFT), a research project on sexual assault and sexual health among Columbia undergraduates that has received extensive media coverage, including recent profiles in the New Yorker and the Chronicle of Higher Education. As a Visiting Research Scholar at the Center for Health and Wellbeing, Dr. Hirsch is completing a co-authored book, with Columbia University’s Dr. Shamus Khan, to be published by WW Norton. The book will draw on SHIFT’s ethnographic research to analyze sexual assault and consensual sex among undergraduates in relation to the broader context of campus life.

A 2012 Guggenheim Fellow and a 2015 Op-Ed Project Public Voices Fellow, Dr. Hirsch co-directs the Columbia Population Research Center. She is the author of A Courtship After Marriage: Sexuality and Love in Mexican Transnational Families; a co-author of the award-winning The Secret: Love, Marriage and HIV; author of two edited volumes on the anthropology of love, more than 50 peer-reviewed articles, and extensive popular writing on health and social inequality. She also serves as a board member for Jews for Racial and Economic Justice.
Dr. Hirsch earned her A.B. from Princeton University in History, with a certificate in Women's Studies, and her Ph.D. from Johns Hopkins University in Population Dynamics and Anthropology.

Amanda Kowalski  Visiting Research Scholar

Dr. Kowalski, Associate Professor of Economics at the Yale University Department of Economics and Faculty Research Fellow at the National Bureau of Economic Research (NBER), is a health economist who specializes in bringing together theoretical models and econometric techniques to answer questions that inform current debates in health policy.

Professor Kowalski’s recent research advances methods available to analyze data from experiments. Applied to the Oregon Health Insurance Experiment, these methods show that future insurance expansions could increase or decrease emergency room utilization, depending on the individuals who sign up for coverage. Her other recent research explores the early impact of the Affordable Care Act and the long-term impact of Medicaid expansions. In previous research, she examined the impact of the Massachusetts health reform of 2006 on hospital care, labor market outcomes, and adverse selection in the individual health insurance market. She has also studied the price elasticity of expenditure on medical care and the marginal returns to medical spending on at-risk newborns using new estimation techniques. Her research has received the Zellner Thesis Award, the HCUP Outstanding Article of the Year Award, the Garfield Economic Impact Award, the National Institute of Health Care Management Research Award, and the Yale Arthur Greer Memorial Prize.

In 2014, Professor Kowalski was honored with a CAREER Award from the National Science Foundation. The National Institutes of Health, the Robert Wood Johnson Foundation, and the W.E. Upjohn Institute have also supported her research, which has been published in peer-reviewed journals, including the American Economic Review, the Quarterly Journal of Economics, the Journal of Health Economics, and the Journal of Public Economics. Her research has also been featured in the popular press, including the New York Times, NPR, and the Wall Street Journal.

Professor Kowalski holds a Ph.D. in Economics from the Massachusetts Institute of Technology and an A.B. in Economics from Harvard. Before joining Yale, she held a post-doctoral fellowship in Health and Aging at the NBER. Her interest in health policy has led her to spend two years in Washington, D.C., one as a research assistant in health and labor at the White House Council of Economic Advisers, and another as the Okun Model Fellow at the Brookings Institution. She spent the 2015-2016 academic year as a Visiting Associate Professor at the Stanford Institute for Economic Policy Research. She then spent the 2017-2018 academic year at Princeton University, as a Visiting Associate Professor in the Department of Economics, and as a Visiting Research Scholar at the Center for Health and Wellbeing.

Justin Leroux  Associate Research Scholar

Dr. Leroux is an Associate Professor at the Department of Applied Economics of HEC Montréal. He is also a Fellow at the Center for Interuniversity Research and Analysis of Organizations (CIRANO) and the Centre de Recherche en Éthique (CRÉ).

Dr. Leroux holds an M.A. and a Ph.D. in Economics from Rice University, as well as an M.A. in Mathematics applied to Economics from the Sorbonne University in Paris. He is a laureate of the nationwide French competition for tenured professorship in Economics and holds an engineering degree from the National Superior School for Advanced Technologies (ENSTA) in Paris.

His research interests focus on fair division and cost sharing, specifically of public services and in environmental issues. Dr. Leroux is also involved in consulting for private firms and governments for which he made contributions regarding the optimal pricing of call center services, road networks and water services.

Dr. Leroux is the recipient of several research grants from different organizations including Social Science and Humanities Research Council of Canada (SSHRC), the Quebec Research Fund for Society and Culture (FQRSC) and the French National Research Agency (ANR).
W. Bentley MacLeod  Visiting Research Scholar

Dr. MacLeod holds a B.A. (with distinction) and an M.Sc. in Mathematics from Queen’s University, Kingston, Canada and a Ph.D. in Economics from the University of British Columbia, Vancouver, Canada.

Maria Rosales-Rueda  Visiting Research Scholar

Maria Rosales-Rueda is an Assistant Professor of Education Policy at the University of California, Irvine. Her research interests include the economics of human capital, health, development economics, and program evaluation. Her research agenda studies the roles that environmental influences, family investments, and social interventions play in the process of human capital formation and in the evolution of inequalities in health, education, and labor outcomes both in developed and developing countries. Her most recent work examines the persistent effects of early-life influences on the development of children’s human capital in Ecuador and Indonesia. Currently, she is also investigating how early-life shocks interact with subsequent human capital investments to produce human capital impacts across the life cycle.

Dr. Rosales-Rueda received her Public Policy Ph.D. from the University of Chicago in 2014. She has worked at the World Bank, the Inter-American Development Bank and the Center for the Economics of Human Capital Development at the University of Chicago.

Mark Shrime  Associate Research Scholar

Mark G. Shrime, MD, MPH, PhD, FACS, is the founder and Director of the Center for Global Surgery Evaluation at the Massachusetts Eye and Ear Infirmary and an Assistant Professor of Otolaryngology and of Global Health and Social Medicine at the Harvard Medical School.

He is the author of seminal papers on the global burden of surgical disease, the financial burden facing surgical patients, and the number of people who cannot access safe surgery worldwide. He served as a co-author on the Lancet Commission on Global Surgery.
Dr. Shrime graduated summa cum laude from Princeton University in 1996 with a B.A. in Molecular Biology. He received his MD from the University of Texas in 2001, after taking a year to teach organic chemistry in Singapore. Medical school was followed by a residency in otolaryngology at the joint Columbia/Cornell program in Manhattan, followed by a fellowship in head and neck surgical oncology at the University of Toronto in 2007. He completed a second fellowship in microvascular reconstructive surgery, also at the University of Toronto, in 2008. He was the first to identify a novel independent prognostic indicator in head and neck cancer.

To date, he has worked and taught in Liberia, Sierra Leone, Guinea, Benin, Togo, Congo, Haiti, Saudi Arabia, Cameroon and Madagascar. In May 2011, he graduated with an MPH in global health from the Harvard School of Public Health, where he was a finalist for both the Albert Schweitzer award and the HSPH Student Recognition award, and in May 2015, he received his Ph.D. in health policy from Harvard University, with a concentration in decision science.

Dr. Shrime’s research is supported by the Damon Runyon Cancer Foundation and by an anonymous donation to the Center for Global Surgery Evaluation. He received research support from the GE Foundation’s Safe Surgery 2020 project and the Steven C. and Carmella Kletjian Foundation. He is currently the Principal Investigator on a randomized controlled trial of financial incentives for surgical patients in Guinea, and the Principal Investigator on a prospective extended cost-effectiveness analysis of maxillofacial surgery in West Africa.

Dr. Shrime’s academic pursuits focus on surgical delivery in low- and middle-income countries, where he has a specific interest in the intersection of health and poverty. His work aims to determine optimal policies and platforms for surgical delivery that maximizes health benefits while simultaneously minimizing the risk of financial catastrophe faced by patients. In 2018, he was awarded the Arnold P. Gold Humanism in Medicine Award by the American Academy of Otolaryngology – Head and Neck Surgery.

When not working, Dr. Shrime is an avid photographer and rock climber, and has competed on Seasons 8 and 9 of American Ninja Warrior.

2018 POSTDOCTORAL ASSOCIATES

Anna Chorniy  Postdoctoral Research Associate

Dr. Chorniy’s research is empirical in nature and focuses on the economic consequence of health and health care. It can be broadly divided into two major categories - child health and competition in health care markets. Her work contributes to several important areas in the field: productivity of investment in human capital; physician agency and treatment choices; industrial organization of health care markets; and health insurance and the labor market. In her most recent work, she exploits a rich data set from one of the largest U.S. health insurance programs, Medicaid, to understand the effects of ADHD treatment on children’s health, behavioral and academic outcomes with an end goal of improving well-being of this disadvantaged population. Her work has been published in academic journals, policy magazines, and covered by such popular media outlets as the Wall Street Journal, Quartz, and Fox News (live interview). Dr. Chorniy’s research was funded internally and also externally from the U.S. Department of Health and Human Services.

Dr. Chorniy earned her Ph.D. in Economics from Clemson University, and holds B.S. and M.S. degrees in Economics from Lomonosov Moscow State University, with master-level coursework completed at Georgia State University.

Jessica Ham  Postdoctoral Research Associate

Dr. Ham was a postdoctoral research associate in the Center for Health and Wellbeing from 2016-2018. She earned her Ph.D. in anthropology from the University of Georgia in 2016. Broadly, Jessica employs qualitative and quantitative methods to understand the complex relationships that exist between economic processes, food and health. Drawing upon feminist political ecology theoretical frameworks, her doctoral dissertation focused on how food insecurity results in gendered experiences with mental distress in the
Upper West Region of Ghana. This work contributes to the theorization of rural livelihoods and food insecurity as relational, produced at the interface of changing landscapes, political economies, production systems, foodways and the body. Future research interests include exploring the aesthetic and sensual role of food in our lives so as to encourage food insecurity discourse and metrics to be more inclusive of the cultural and symbolic role of food in meeting bodily needs. Prior to pursuing a Ph.D., Jessica worked for non-profits as an outreach worker advocating for universal access to quality health care.

**Amy Krauss** Postdoctoral Research Associate

Dr. Krauss earned her Ph.D. in Anthropology from Johns Hopkins University in 2016. Her doctoral dissertation explored how low-income women and feminist advocates collectively negotiate the multiple regulatory frameworks and moral demands of Mexico City’s public abortion program (Interrupción Legal del Embarazo/ILE) against a backdrop of criminalization. This research was supported by the Wenner-Gren Foundation for Anthropological Research, the National Science Foundation Law and Social Sciences Program, and the Woodrow Wilson Fellowship in Women’s Studies. Dr. Krauss is currently preparing a book manuscript based on this doctoral research. The book examines how the exceptional legality of abortion in Mexico City reconfigures practices of law, population, and reproductive health intervention.

At CHW, she is expanding her research to focus on the informal circulation of misoprostol, a pharmaceutical drug widely used for pregnancy termination in Mexico and the United States. Dr. Krauss teaches courses and mentors students on ethnographic research methods, reproductive health politics in the U.S. and Latin America, and the role of gender, race, and class at intersections of law and medicine.

**Jerry Nutor** Postdoctoral Research Associate

Dr. Nutor is a registered nurse from Ghana with a Ph.D. in Nursing Science from Drexel University. He holds a Master of Science in Nursing and Health Care Leadership, a degree he obtained from the University of California, Davis in 2015. He obtained his Bachelor of Science in Nursing in 2012 at the University of Cape Coast in Ghana. Dr. Nutor has over six years of experience in interdisciplinary global health research, public health research, nursing, and health care leadership. His research interests are in global health, specifically in maternal and child health and prevention of mother-to-child transmission of HIV. He is also interested in understanding the impact of environmental, social and economic factors on the health of women and children, with particular concern about HIV/AIDS in low resource countries and minority populations in the United States. He is the founder of the Africa Interdisciplinary Health Conference, which seeks to create a platform for the various healthcare providers in both clinical and academic/research settings to meet and discuss their research findings to promote evidence-based practices related to the health sector in Africa.

**Yi-Ching Ong** Postdoctoral Research Associate

Dr. Ong was a postdoctoral research associate at the Center for Health and Wellbeing from 2013 to 2018 where she engaged students working toward the Global Health and Health Policy certificate. Her research interests focused on applying interdisciplinary conceptual frameworks and methodologies to examine infectious disease dynamics and disparities. Prior to her work at Princeton, she was a Robert Wood Johnson Health & Society Scholar at Columbia University, where she trained in interdisciplinary approaches to population health. She completed her Ph.D. in Microbiology and Immunology at Stanford University, where her doctoral research investigated how the protozoan parasite Toxoplasma gondii modulates host immune response, with a focus on the molecular basis of parasite strain-specific differences in infectious outcome. Outside of her dissertation work at Stanford, Dr. Ong participated in extracurricular work on translational research for neglected diseases.

Dr. Ong also studied at Oxford University as a Keasbey Scholar and received an MPhil in International Development in 2005; her master’s dissertation research investigated the sociopolitical and economic considerations that have historically influenced infectious disease policy in Southeast Asia. In her postdoctoral
work, Dr. Ong merged her research interests in the molecular and macrosocial determinants of health to investigate how infectious disease dynamics are affected by socioeconomic disparities.

**Daniel Putnam** Postdoctoral Research Associate

Daniel Putnam is a moral and political philosopher. His dissertation, “Relating as Equals,” develops an interpretation of what it means for people to stand in a relationship of equal respect. Going forward, his research focuses on applying this account to social justice by diagnosing some of the mechanisms by which there is collective accountability for relating as unequals. Putnam also has an interest in bioethics, having published on philosophical issues related to disability. One project he focused on at Princeton concerns the moral significance of inequalities in mental health: specifically, the question of when, if ever, inequalities in mental health outcomes that track social group membership are unjust. Putnam earned a Ph.D. in Philosophy from Yale University and a B.A. from Swarthmore College. He is also affiliated with the University Center for Human Values.

**Sebastián Ramírez** Postdoctoral Research Associate

Dr. Ramírez received a B.A. from Queens College CUNY in Anthropology and Psychology, and a Ph.D. in Anthropology from Princeton University. His research among internally displaced persons in his native Colombia explores the role of healthcare services in efforts to remake ideas of home and citizenship in the aftermath of violence. His dissertation elucidates how official networks of aid and restitution for victims of the war are remade in the everyday efforts of the uprooted to claim their rights and remake their lives. He is involved with a second project that investigates how survivors of social cleansing campaigns forge mental health support networks through artistic projects that commemorate the loss of family and friends.

**Lindsay Stevens** Postdoctoral Research Associate

Dr. Stevens is a Postdoctoral Research Associate at the Center for Health and Wellbeing and is also affiliated with the Office of Population Research. Her work falls primarily in the fields of health, gender, reproduction, science & technology, and the environment. Dr. Stevens researches the cultural ideas and assumptions about gender, class, and race that get infused in medicine, especially reproductive healthcare. She is currently writing a book manuscript that traces the contemporary Western idea of the “planned pregnancy” through public health policy, medical practice, and lived experience.

Dr. Stevens earned her Ph.D. in Sociology from Rutgers University in 2018 and her B.A. in Political Science from Kenyon College in 2010. Her research was supported by the Society of Family Planning, and she has received awards from the Medical Sociology and Body & Embodiment Sections of the American Sociological Association.
The Global Health and Health Policy (GHP) Certificate at CHW continues to be one of the most popular undergraduate certificate programs on campus. Its interdisciplinary focus is exemplified by the 13 departments that are represented among the students in the program, including Neuroscience, Economics, Psychology, English, and Ecology and Evolutionary Biology, among others. The program brings together students and renowned faculty from across departments to put global health under an interdisciplinary lens. Uniting those passionate about global health in a close-knit campus community, it blends coursework and hands-on experience to bring health policy issues to life.

The program emphasizes the determinants, consequences and patterns of disease across societies; the role of medical technologies and interventions in health improvements; and the economic, political and social factors that shape domestic and global public health.

When the GHP certificate was first introduced in 2008, a total of 19 students were enrolled. Enrollment has grown exponentially since then. Seventy-three new students enrolled in 2018, clearly demonstrating the popularity of the program on campus.

In order to complete the GHP Certificate, students must complete two core courses and four health-related electives approved by the GHP program; conduct an approved field-based or lab-based research project during the summer between their junior and senior year; and write a senior thesis in their department of concentration that addresses or relates to global health and health policy in an interdisciplinary manner.
Sofia Dimitriadoy ‘20  Molecular Biology
Her article, “Oncogenic Signaling Pathways in the Cancer Genome Atlas,” based on research she helped conduct during her summer internship at Memorial Sloan Kettering Cancer Center was published in the journal *Cell*. The piece examines the extent, mechanisms, and co-occurrence of genetic alterations in signaling pathways, and how they differ between individual tumors and tumor types.

Pavithran Ravindran ‘19  Chemical & Biological Engineering
Co-authored the article “Lighting Up Cancer Dynamics,” published in the journal *Cell*, and presented his research at the American Society for Cell Biology conference.

Elisabeth Slighton ‘20  Anthropology
Co-authored three posters and presented her findings at the North American Society for Pediatric Gastroenterology, Hematology, and Nutrition Conference on behalf of the Weill Cornell pediatric GI division. The posters highlighted research on the duration of home versus hospital-based biologic infusions, school absenteeism in children with inflammatory bowel disease (IBD) who are on home infusion therapy, and sleep disturbances in children with IBD.

Andrew Li ‘19  Woodrow Wilson School
His paper, “Failing Forward: Explaining the Variegated Europeanization of Health Policy,” was accepted for presentation at both the Penn-Temple European Studies Colloquium in Philadelphia, and the International Studies Association Convention in Toronto, Canada.

Samantha Chai ‘19 & Nell McKenna ‘20  Woodrow Wilson School
Contributed to the article, “Antimicrobial Resistance and Primary Health Care,” produced for the Global Conference on Primary Health Care under the direction of the World Health Organization.
GHP Certificate Course Highlights

Two core courses are required of all GHP certificate students:
- Critical Perspectives in Global Health
- Epidemiology

Certificate students also choose four additional courses from over 60 approved electives offered by various departments. Some of the electives in 2018 included:
- The Affordable Care Act: What Happens Next?
- Agriculture, Human Diets and the Environment
- Death, Aging, and Mortality: Cultural and Biosocial Perspectives
- The Disabled Body
- Disease Ecology, Economics, and Policy
- Diseases in Children: Causes, Costs, and Choices
- Drug Discovery in the Genomics Era
- Ecology and Epidemiology of Parasites and Infectious Diseases
- Economics of Health and Health Care
- Environmental Biotechnology
- fMRI Decoding: Reading Minds Using Brain Scans
- Health and Human Rights
- Health Psychology
- Human Genomics: Past, Present, Future
- Immune Systems: From Molecules to Populations
- Infection: Biology, Burden, Policy
- Literature and Medicine
- Medical Humanities
- Medical Spanish
- Medicine and Society in China: Past and Present
- Metabolic Engineering
- Mind, Body, and Bioethics in Japan and Beyond
- Modern Genetics and Public Policy
- Molecular Basis of Cancer
- Neuroethics
- The Philosophy and Science of Consciousness
- Planetary Health: Human Health in the Anthropocene
- Race, Drugs, and Drug Policy in America
- Vector Biology
- Viruses: Strategy and Tactics
- …and many more!

GHP STUDENT RESEARCH HIGHLIGHTS

As a capstone experience, all GHP students complete a thesis or final paper centered around a global health theme. The GHP Senior Thesis Prize is awarded in recognition of the most outstanding theses written by students earning the certificate.

2018 Senior Thesis Prize Winners

Aaron Gurayah  Molecular Biology
“DNA Methylation as a Mediator of the Association Between Cognitive Ability and Neighborhood Air Pollution in the Fragile Families and Child Wellbeing Study”

Paulita Lara Mejia  Neuroscience
“The Developing Brain Under Stress: Long-Term Consequences of Early Life Stress on Behavior and Neuroplasticity in the Hippocampus”

Julia Song  Woodrow Wilson School
“Impact of Hospital Closures on Quality of Care in New York City: An Analysis of the New York State Commission on Health Care Facilities in the 21st Century”
GHP HEALTH SCHOLARS PROGRAM

Every year, CHW selects a small group of undergraduate students for the GHP Health Scholars Program. The selected students, all juniors, are chosen through a rigorous application and selection process focusing on both academic performance and plans for work and research on health policy and international health issues.

Scholars receive financial support for travel and research to pursue internships and senior thesis research and are supported by the program through their junior and senior years.

The scholars may also participate in planning health policy seminars and lectures, and they have the opportunity to interact with distinguished speakers during their campus visits.

The class of 2020 cohort joins CHW’s returning scholars from the Class of 2019: Ruchita Balasubramanian ’19 (Molecular Biology), Jacqueline Dragon ’19 (Chemistry), Mikaela Gerwin ’19 (History), Nergis Khan ’19 (Neuroscience), Madison Offstein ’19 (Ecology & Evolutionary Biology), Anagha Prasanna ’19 (Molecular Biology).

The six Class of 2020 Health Scholars are:

**Chisom Chigozie-Nwosu ’20**, a Psychology concentrator pursuing a GHP certificate. Chisom is interested in conducting interdisciplinary research using psychological techniques to investigate the connections between poverty and reproductive outcomes.

**Grace Guan ’20**, a Computer Science concentrator pursuing certificates in GHP, Statistics & Machine Learning, and Engineering Biology. She is interested in using machine learning techniques to optimize hospital staffing and reduce wait times, and in developing data-driven incentives to discourage insurers from dropping less profitable patients.

**Sirad Hassan ’20**, a Woodrow Wilson School concentrator pursuing certificates in GHP, Cognitive Science, and African American Studies. Sirad is interested in examining Somali refugee women’s access to mental health care in Kenya.

**Rachel Kasdin ’20**, a Sociology concentrator pursuing certificates in GHP and Latin American Studies. She is interested in exploring how recent expansions in Medicaid coverage in New York City impact how women perceive and make decisions about doula use, and how doulas think about and serve Medicaid recipients.

**Gabriela Oseguera Serra ’20**, a Politics concentrator pursuing a GHP certificate. Gabriela is interested in researching indigenous populations’ access to healthcare in Oaxaca, Mexico, and the effect that migration patterns have on the spread of AIDS.

**Elisabeth Slighton ’20**, an Anthropology concentrator pursuing a certificate in GHP. She is interested in conducting ethnographic research to document the lives and experiences of people living with inflammatory bowel disease.
GHP ALUMNI HIGHLIGHTS

A few months after graduation, Christine Blauvelt ‘12 packed up her things alongside classmate Arielle Sandor and moved to Nakuru, Kenya. The two built Duma Works, a mobile platform that connects employers and potential employees throughout the country. Since its founding, the platform has garnered more than 60,000 users. Duma Works is the product of an interest in technology and an appreciation of the structural components of health. Christine was struck by the connection between employment and health during her time in Kenya. “Health is very vulnerable,” she discovered, “[and] it comes back to their ability to pay for health and access health early on in disease.”

Christine credits her entrepreneurial inspiration to Professor John Danner’s class, “Special Topics in Entrepreneurship: Ventures to Address Global Challenges,” which sparked an interest in technology-based solutions to development problems. She quickly knew that she wanted to engineer a change in the broader employment-health relationship in the developing world.

From the confluence of summer internships, classwork, and classmate discussions, the idea for Duma Works was born. Christine and Arielle brainstormed the platform in October 2011; they applied to entrepreneurship competitions around Princeton throughout the year; and spent three months laying the groundwork at eLab (a launch pad for startups, run by Princeton) before officially moving to Kenya after graduation in 2012. She worked on Duma Works in Kenya for two years.

Today, Christine is in her fourth year at the Perelman Center for Advanced Medicine at the University of Pennsylvania. She has used her experiences with Duma Works to fuel her interest in health back in the U.S. saying, “in order to make an impact on healthcare systems, I needed to be a doctor. I needed to understand what it was like to actually diagnose and treat diseases and work within the system in order to understand and identify the problems that exist in that system.” As an entrepreneur and a medical student, Christine has been driven by system-level questions and the bravery to pursue her passions.

While a GHP student, her discussions with professors, classmates, and friends helped her to fully appreciate how valuable, and sometimes difficult, it is to meet people where they are. The invaluable feedback she received also reinforced what she calls a central theme of the GHP program: understanding the broader context is crucial for understanding an individual experience.

Regan Marsh ’99 graduated from Princeton with a degree in Ecology and Evolutionary Biology. Her first year at Princeton was also the first year that “HAART” (now called ART, multidrug antiretroviral therapy for HIV) became commercially available. These drugs catapulted the ideas of “global health” into the national and campus dialogue, she says. Though no formal structures around global health existed before CHW’s Global Health Program was established in 2004, she remembers being drawn to ideas around health justice and access to care at Princeton, throughout her P55 fellowship, and then at the Perelman School of Medicine at the University of Pennsylvania.

Around the time GHP was being created at Princeton, Regan read Tracy Kidder’s Mountains beyond Mountains as she applied to residency programs. The book tells the story of physician and anthropologist Paul Farmer and his organization Partners in Health (PIH), which provides healthcare to those living in the poorest areas of the world. The book piqued her interest in the emergency medicine residency program at Harvard, which had a strong global health focus and provided her the opportunity to have mentors who were actively working with global health organizations, such as PIH. After finishing her residency, she too wanted to use her skills in a global health setting, and joined the PIH team in Malawi in the summer of 2008.

As an emergency medicine doctor, Regan was a good complement to Malawi’s team of one pediatrician, one infectious disease specialist, and one internist. She described her time there as “an incredible experience for me understanding the fundamental tenants of the PIH model.” She worked in a rural area with virtually no institutional health system, focused on HIV and TB...
She loved the work. “I really saw how [health system development] can work and, frankly, how it doesn’t work if done poorly.” Her experiences in Malawi brought her back to Harvard, this time for a Master in Public Health.

Regan followed her love of emergency medicine and health systems development to become an attending physician at Brigham and Women's Hospital; an instructor in emergency medicine at Harvard; and director of clinical operations planning and then co-director of emergency medicine at the Hôpital Universitaire de Mirebalais in central Haiti. After the outbreak of Ebola in West Africa, Regan moved to Sierra Leone to help with PIH's Ebola response. As the PIH medical director, she played a crucial role in the Ebola response and PIH’s work with the government to rebuild the health system after the epidemic.

Today, Regan is based in Boston as PIH's Director of Clinical Systems. She says that she's found her niche in health systems delivery. Her advice to GHP students reflects her own story: “love what you do, and figure out how to use that enthusiasm, passion, and training to think about justice and access,” words that perfectly reflect the goals and guiding principles of the Global Health Program today.

Molecular Biology major Yolisa Nalule ’10 was not familiar with the term “public health” when she first began her studies at Princeton. It was Professor João Biehl’s Medical Anthropology course in her sophomore year that launched her journey, and his insistence that she apply to the new GHP Certificate program. The program opened her eyes to the different career paths that exist in healthcare, and taught her how medical dimensions of disease interact with social and political dimensions.

Yolisa credits the Health Grand Challenge project she did in her home country of Uganda between her junior and senior year for helping to frame her interests. She designed fieldwork to investigate antiretroviral therapy treatment failure and resistance, and conducted interviews with doctors, NGO leaders, government leaders, and those making policy. While she was back home, Yolisa was seeing her country in a very different light, and started to ask herself, “how can I play a part in the infrastructure of care in my country and play a part in stemming disease that has affected so many?”

After graduating in 2010, Yolisa began work with the Center for Disease Dynamics Economics and Policy as a health research analyst. In that role, she worked on a program to help combat global antibiotic resistance, and on a financing mechanism that aimed to expand the supply of Artemisinin-based Combination Therapy for treating malaria. She then moved to London to complete an MSc in Control of Infectious Disease at the London School of Hygiene & Tropical Medicine. After obtaining her degree, she secured a position with the Schistosomiasis Control Initiative at the Imperial College London in the department of infectious disease. She has been working as a Program Manager there for more than four years, helping to develop policies, strategies and programs to treat and prevent schistosomiasis and helminth infections in Uganda, Tanzania, Zambia and Nigeria.

Yolisa gained many skills through the GHP program that have translated to her life after college. Most importantly, she says, are the soft skills. “In GHP I was forced to continually think about the humanity behind patient and populations—they are not just subjects that you do your statistics on. GHP coursework has stayed with me because I continue to think about humanity, cultures, people etc. even as I weigh treatment costs and value for money metrics.” She advises incoming and current GHP students to travel, even if it is just for a summer, and to choose their coursework carefully. “It’s worthwhile to get basic epidemiology, statistics, or monitoring and evaluation skills and experience. Even if you hate math, invest and learn a few analytic skills. It will give you an advantage and make you more effective in the field.”

As an undergraduate at Princeton, Alex Rosen ’11 was drawn to the Global Health Program for its health policy components and its tight-knit community. He formed a particularly close relationship with Professor Adel Mahmoud and cites his course “U.S. Medical Research and Researchers: Preeminence, Problems, Policies” (co-taught with Leon Rosenbarg) as one of his favorites at Princeton. Alex graduated from Princeton with a degree in economics before heading off to the University of Pennsylvania’s Perelman School of Medicine.

At the Perelman School of Medicine, Alex pursued a focus in health services. One particularly influential project took place in the infectious disease department at the Hospital of the University of Pennsylvania. He studied the transition from hospital to home/post-acute-
care facilities for patients discharged from the hospital on IV antibiotics. In this role, he helped to implement the Infectious Disease Transition Service, a program that has increased communication and reduced errors in patient transitions at the hospital. He enjoyed the systems-level thinking and the opportunity to positively impact the social aspects of healthcare delivery. His interest in administration and health care management led him to the Wharton School, through which he entered a joint MD-MBA program in his third year of medical school.

Alex was introduced to biotechnology at Wharton, and he became fascinated by new drug development. Biotech companies—which he describes as a younger startup version of big pharma—develop new drugs called biologics, which are made from biologically-derived sources like proteins, rather than the traditionally chemical-derived pharmaceuticals. The field captured his imagination. After graduating from the University of Pennsylvania in the spring of 2016, he accepted a position at venture capital firm Venrock to continue working in biotech.

The global health background Alex developed at Princeton has been extremely important in shaping his interest in and approach to biotechnology. “Having a broader perspective on healthcare globally informs how you think about these questions,” he says. Consider this biotech dilemma: “How do you incentivize companies to develop new medications that can cure disease while curbing cost so that they’re accessible to all people?” It is a question he says he cannot answer, but one he is excited to explore.

Like GHP and global health more broadly, biotech is a complex field that draws from the tenets of medicine, business, and policy. The value of a multidisciplinary education, he says, is profound: “As the world gets more interconnected and the challenges of healthcare innovation, access, and delivery become greater, people with multidisciplinary backgrounds will be uniquely positioned to have innovative ideas and to push the field forward.”

**Jack Ching ’13** is not your typical GHP student. Majoring in Operations Research and Financial Engineering (ORFE), Jack was never interested in a traditional global health track. Yet he says that participating in the Global Health Program was the highlight of his Princeton career.

When introduced to the GHP program during his sophomore year, Jack remembers wondering what this seemingly internationally-focused health program could do to support his interest in domestic health policy. He delayed one of his core ORFE classes to take Professor Uwe Reinhardt’s course “The Economics of Health and Healthcare.” Balancing the two tracks (GHP and ORFE) over the next two years proved challenging, but the perspectives he gained from each were invaluable. “As a non-Woodrow Wilson School health policy student, GHP gave me the opportunity to explore my interest in domestic health and health policy from a very different lens.” He appreciated the many different perspectives brought together within the GHP community.

Through Princeton Internships in Civic Service (PICS) and GHP, Jack interned with the Association of American Medical Colleges in Washington, D.C. and Kaiser Permanente in Northern California. These experiences reinforced his interest in healthcare delivery systems. After graduating, Jack joined Kaiser Permanente as a business consultant with the department of Quality and Operations Support. In this role, Jack translated strategy into business operations across fifteen medical service areas in Northern California. His work ranged from implementing a large-scale Abdominal Aortic Aneurysm screening program, to designing a lung cancer detection and surveillance program.

As an undergrad, Jack expected to stay close to health care operations, perhaps earning a Master in Health Care Administration and ending up as a Chief Operating Officer at a hospital. However, his three years at Kaiser Permanente changed his plans. In 2017, Jack entered a Ph.D. program in health policy at Stanford with a concentration in Decision Sciences. At Kaiser Permanente, Jack found himself drawn to multi-systems issues - are there best practices or policies that can be learned and translated across delivery systems? How can
HEALTH & HEALTH POLICY CERTIFICATE

The Woodrow Wilson School offers a graduate level certificate in Health and Health Policy (HHP), which is sponsored by the Center for Health and Wellbeing. The certificate trains graduate students for careers in health-related areas in the public and not-for-profit sectors. The program is designed for graduate students with domestic and international health interests and provides both broad training in core topics in health and health policy as well as courses in specialized areas such as global reproductive health and the economics of health care.

Graduate students from all Princeton departments are eligible for the certificate. A majority of HHP students are MPA and MPP candidates from the Woodrow Wilson School. The certificate is not open to undergraduates or to students from other universities.

Certificate students are required to complete two core courses, Epidemiology and The Political Economy of Health Systems, as well as two approved health-related electives.

The HHP certificate program, started in the 2003-2004 academic year, reflects the growing importance of health as a major public policy issue, and underscores the School’s commitment to teaching and research in health and health policy.

Since the inception of the HHP certificate program, a total of 123 students have completed the program.
RESEARCH PROGRAMS

NATIONAL INSTITUTE ON AGING ROYBAL CENTER

Faculty director: Janet Currie  Henry Putnam Professor of Economics and Public Affairs

CHW is home to the National Institute on Aging Roybal Center, also called the Center for Translational Research on Aging. Its overall goal is to enhance the ability to understand numerous facets of the aging process, by clearly separating actual experiences of daily life from the cognitive processes that give rise to reports of life satisfaction or overall happiness. Research is conducted by CHW faculty affiliates and collaborating faculty at other universities who are awarded small pilot projects. To date, 19 projects have been funded. The active projects are:

“Does Access to New Pharmaceuticals Improve Wellbeing Among Young Children with ADHD?” Principal Investigators: Anna Chorniy and Janet Currie  Princeton University and Lyudmyla Sonchak  SUNY Oswego

“Small Area Variations in Mental Health Treatment: Towards New Measures of Prescribing Patterns and Patient Wellbeing.” Principal Investigators: Janet Currie  Princeton University and Bentley MacLeod  Columbia University

“Does Being Surveyed Affect Subsequent Reports of Subjective Well-Being?” Principal Investigators: Johannes Haushofer and Jeremy Shapiro  Princeton University

“Interactions between Economic Status, Psychological Well-being, and Age: Analysis of an Unconditional Cash Transfer Trial in Kenya.” Principal Investigators: Johannes Haushofer and Jeremy Shapiro  Princeton University

“Mobile Phone Sensing to Predict Depression: An Analysis of Experiential Well-Being in Kenya.” Principal Investigators: Johannes Haushofer and Chaning Jang  Princeton University

“Toward new evaluative well-being questions.” Principal Investigators: Marc Fleurbaey  Princeton University with Dan Benjamin, Jakina Debnam and Ori Heffetz  Cornell University

“An in-depth examination of DRM-EMA concordance.” Principal Investigators: Joseph Schwartz  Stony Brook University and Arthur Stone  University of Southern California

“Setting Limits and their Relation to Well-Being in End of Life Care.” Principal Investigators: Jeremy Shapiro  Princeton University and Geoffrey Rees  Rush University

“Digging into the age gradients of evaluative and experiential well-being.” Principal Investigators: Arthur Stone and Joan Broderick  University of Southern California

“Income Inequality, Happiness Inequality, and Dimensions of Wellbeing.” Principal Investigator: Johannes Haushofer  Princeton University

“Perceptions and Realities of the Effects of Negative Life Events on the Subjective Wellbeing of the Rich and Poor.” Principal Investigator: Eldar Shafir  Princeton University
2018 Roybal Center Project Spotlights


The market for ADHD drugs has seen a great deal of innovation: Between 1999 and 2012, 15 drugs were approved by the Food and Drug Administration for ADHD. These innovations have led to rising costs of the prescription drugs consumed by children with ADHD, which has become an issue especially in the publicly funded Medicaid program that covers low-income children and people with disabilities.

While the newer drugs are certainly more expensive than their older counterparts, it is not yet clear if they are more effective in improving patient health and/or whether they reduce spending on other types of medical care. Evaluating the welfare effects of drug innovation is also complicated by the fact that new medications may have helped to fuel the increases in the caseload.

This study will analyze data from the Centers for Medicaid and Medicare Services database of administrative claims to quantify the new welfare benefits (or costs) of new ADHD drug innovation. We will first ask whether and how pharmaceutical innovation has affected the number of Medicaid children receiving ADHD medications, and then we will ask whether it led to improved outcomes among children and teens diagnosed with the condition.

"Mobile Phone Sensing to Predict Depression: An Analysis of Experiential Well-Being in Kenya." Principal Investigators: Johannes Haushofer and Chaning Jang Princeton University

Currently, experiential wellbeing can be captured through the measurement of positive and negative experiences in the context of the Day Reconstruction Method (DRM), a structured diary methodology of recounting activities as episodes throughout the previous day. Although the DRM is designed to reduce recall biases, other methodologies, such as Ecological Momentary Assessment (EMA), have been proposed to measure current behaviors and experiences, thus capturing experiential wellbeing in real time. Both EMA and DRM place a high burden on respondents, relying on lengthy interviews or a high degree of adherence in filling out diaries. This makes the assessment of experiential wellbeing difficult to do in low-income, low resource settings where the study population is difficult to access and/or illiterate.

In this project, we propose a novel approach to using mobile phone remote sensing to predict states of experiential wellbeing that is both objective and non-intrusive to the target respondent. Remote sensing uses passively collected data from a variety of sensors in an effort to quantify user behavior. The purpose of this proposed project is to validate remote mobile phone sensing with various measures of reconstructive wellbeing in a low-income setting. Today, mobile phones are ubiquitous and have a large complement of sensors (including GPS, accelerometers, ambient light, sound, and phone usage) that can be used to extract human behavior patterns and assess daily experiential wellbeing. This project aims to correlate this objectively measured activity with subjective wellbeing. The ultimate goal is to identify behavioral antecedents to changes in subjective wellbeing such that one could provide a “just-in-time” intervention to mitigate the deleterious effects of adverse changes to life situations such as the onset of depression or other chronic disease.
Chw's program on u.s. health policy sponsors research and activities addressing aspects of domestic health care and health policy. the program supports innovative faculty and student research, conferences, policy forums and special issues in health policy journals. since its inception in 2011, after receiving a generous gift from Daniel Spitzer ’79 and Eliot Spitzer ’81, the program has funded 15 faculty projects. the active projects are:

“Community-wide Acquisition of Medical Knowledge Under Conditions of Risk and Uncertainty.” Principal Investigator: Alin Coman Princeton University

“Epidemiology of Antibiotic Use in US Hospitals.” Principal Investigators: Simon Levin and Ramanan Laxminarayan Princeton University

“Aging and Work: The Health Consequences.” Principal Investigator: W. Bentley MacLeod Columbia University

“Policy and Health Implications of Novel Genetic Variants in the Fragile Families and Child Wellbeing Study.” Principal Investigators: Daniel Notterman and Sara McLanahan Princeton University

program on u.s. health policy: project spotlights

“Community-wide Acquisition of Medical Knowledge Under Conditions of Risk and Uncertainty.” Principal Investigator: Alin Coman Princeton University

The diffusion of accurate knowledge about diseases in the population at large is of critical concern to public health officials. This project is aimed at exploring medical information search, acquisition, and propagation in fully mapped social networks. By building on recent psychological findings, we propose an empirical framework to investigate: (1) How does the perceived risk of infection influence the lay public’s knowledge acquisition following media exposure? and (2) How can policy makers and program planners design behaviorally grounded strategies for efficient information dissemination? The proposed
Featuring some of the nation’s foremost professors and thought leaders, CHW’s Program on U.S. Health Policy supports research on important issues such as access, quality of care, how the U.S. health care system is structured and delivered, and the intricacies of the Affordable Care Act.

Research would constitute the first attempt to weave the burgeoning psychological literature on information propagation with well-established social network approaches to understand medical knowledge acquisition under conditions of risk and uncertainty.

“Epidemiology of Antibiotic Use in US Hospitals.” Principal Investigators: Simon Levin and Ramanan Laxminarayan Princeton University

Though various interventions to improve antimicrobial use have been developed, their implementation in the inpatient setting has been hampered by a lack of data on the epidemiology of antimicrobial use—that is, how hospitalists make decisions to start, stop, and change antimicrobial therapy. A deeper understanding of what information prompts the start and subsequent adjustments to therapy is critical to ongoing efforts to minimize unnecessary and inappropriate antimicrobial use. A strategy recommended by the CDC calls for the re-evaluation of empirically-started antimicrobials as soon as warranted by clinical evidence. Yet, there is no information from multicenter studies on how frequently antibiotics are continued despite microbiologic or imaging studies showing no sign of infection. Knowing how commonly this occurs and the factors that are associated with decisions to stop antimicrobials could inform interventions to help improve prescribing practices in healthcare facilities.

This project aims to characterize the general epidemiology of antibiotic use in the selected hospitals and incentives for application of infection control. The research relies on an earlier effort funded by the CDC that uses full chart abstractions to capture detailed information on antimicrobial prescriptions, patient’s clinical information at the time of the prescription, subsequent changes to the antimicrobial therapy, and clinical information at the time antimicrobial prescription changes are made in hospitals. We have collected data from six acute-care facilities that vary with respect to location, size, type, and presence of antibiotic stewardship programs. We are using these existing chart-review data from the six facilities to characterize the general epidemiology of antibiotic use in the selected hospitals.

In related work that is forthcoming in the Proceedings of the National Academies of Science, we have examined subsidy policies that could encourage greater infection control to prevent the spread of antimicrobial resistance in hospitals.
U.S. Health Policy Graduate Research Projects Active in 2018

“Racial and Immigrant Generation Disparities in Birth Outcomes.” Principal Investigator: Theresa Andrasfay Office of Population Research

“Marginal Treatment Effects and Experiments.” Principal Investigator: Anastasiya Karpova Economics


“Homebirth, ‘Alternative’ Birth, and Natural Birth in the Contemporary U.S.” Principal Investigator: Liora O’Donnell Goldensher Sociology

“The Impact of Religious Affiliation on Residential Adolescent Behavioral Health Care.” Principal Investigator: Elizabeth Saldaña Anthropology

“The Role of Physician Behavior in the Opioid Epidemic.” Principal Investigator: Molly Schnell Economics

“Parasite Co-Infections in Raccoons and the Impact of Concurrent Parasite Infection on Rabies Vaccination Effectiveness.” Principal Investigator: Liana Wait Ecology & Evolutionary Biology

“Vaccine-Driven Cross-Scale Dynamics of Infectious Diseases.” Principal Investigator: Luojun Yang Ecology & Evolutionary Biology

“Preference or Pitfall? How Disability Status Shapes Access to Voucher-Based Housing Assistance.” Principal Investigators: Simone Zhang Sociology and Rebecca Johnson Sociology
OTHER CHW-FUNDED RESEARCH

Active Projects in 2018

“Should We Mass-Deworm the World? A Clinical Trial to Test Whether Anthelmintic Treatment Increases Risk of Virus- and Bacteria-Induced Diarrhea.” Principal Investigator: Andrea Graham  Princeton University


Project Highlights

“Should We Mass-Deworm the World? A Clinical Trial to Test Whether Anthelmintic Treatment Increases Risk of Virus- and Bacteria-Induced Diarrhea.” Andrea Graham  Princeton University

Mass, school-based ‘deworming’ programs are becoming routine in developing countries to eliminate parasitic helminths from the intestinal tracts of children. However, experimental evidence suggests that anthelmintics may increase host susceptibility to other infections (bacteria, viruses, or protozoa). This is because helminth removal opens up ecological and immunological niches for pathogens to invade. Thus, deworming – although aimed at improving the health and cognition of helminth-infected children – may instead have detrimental effects, including increased incidence of viral and bacterial diseases. Unfortunately, mass deworming campaigns fail to monitor for undesirable consequences of treatment, ignoring the prevalence and health impact of co-occurring infections. We propose to conduct a clinical study to examine the commensal and pathogen communities that colonize the human GI tract, and how helminth infection and anthelmintics in particular impact the overall community structure of the human gut.

Graduate Research Projects Active in 2018

“Beliefs About Hardship and Perceptions of Suffering.” Principal Investigator: Nathan Cheek  Psychology

“Giving Bacteria that ‘Full Feeling’ to Fight Infections.” Principal Investigator: Wen Kang Chou  Chemical and Biological Engineering

“A Smartphone Study to Measure Adolescent Mobility and Time Use in a Low-Resource Setting.” Principal Investigator: Celeste Marin  Population Research

“An Ethnographic Study of Rural Women’s Cooking Classes as a ‘Climate-Smart’ Intervention to Address Malnutrition in Mozambique.” Principal Investigator: Serena Stein  Anthropology
STATE HEALTH & VALUE STRATEGIES PROGRAM (SHVS)

Program director: Heather Howard  Woodrow Wilson School

With over $5 million in support from the Robert Wood Johnson Foundation, the State Health and Value Strategies program based at CHW is focused on assisting states with transforming their health care systems to be affordable, equitable and innovative. By connecting states with experts in the field, SHVS is able to provide timely and meaningful technical assistance to states when they need it the most. SHVS assists states in four key domains: affordability, coverage, integration and value. The technical assistance SHVS provides to states is informed by two overarching goals: that every person should have the same opportunities to access the health care system and therefore have a fair and just opportunity to lead the healthiest lives possible; and to support the needs and goals of all patients as they interact with the health care system.

SHVS Highlights and Accomplishments

The SHVS program is committed to supporting state efforts to enhance the quality and value of health care by improving population health and reforming the delivery of health care services. In 2018, SHVS continued this commitment by facilitating peer-to-peer conversations between officials in states across the country. The program connected them with subject matter experts, and served a critical role in the dissemination of best practices and lessons learned in states that have been leaders in various aspects of health transformation implementation.

SHVS also convened state officials to discuss the opportunities and limitations of state innovation waivers available under Section 1332 of the Affordable Care Act, and to discuss the status of their waiver development efforts. Representatives from Medicaid agencies across the country were also brought together for a series of phone calls to discuss the challenges states face in overseeing Medicaid managed care.

SHVS provided additional technical assistance by writing issue briefs and hosting webinars that highlighted proposed federal regulatory changes governing insurance and Medicaid eligibility and the potential implications for states. Federal actions to address the opioid crisis was also highlighted, focusing on issues of health care equity, social determinants of health, and the role of Medicaid.
Numerous events took place in 2018 that enabled SHVS to further its mission of helping states to drive healthcare innovation. The program co-sponsored meetings with the University of Pennsylvania’s Leonard Davis Institute of Health Economics, the National Academy on State Health Policy, and the National Association of Medicaid Directors. In Baltimore, SHVS convened a meeting of over 350 stakeholders to discuss the implementation of Maryland’s Total Cost of Care Model.

**SHVS Thought Leadership on Health Care Reform in 2018**

SHVS consulted with Congressional and administration staff on the future of health reform issues.

SHVS Program director Heather Howard co-chaired New Jersey Governor Phil Murphy’s Healthcare Transition Advisory Committee.

Director Howard was appointed by Governor Phil Murphy to serve on the State Health Benefits Quality and Value Task Force and the Multistate Gun Violence Research Consortium.

Director Howard was quoted in national news outlets, including Washington Post and Politico and participated in a debate hosted by WNYC’s the Brian Lehrer Show on the current health care landscape.

SHVS staff served on several health policy conference panels.

Seven MPA students researched and produced a report for the State of Washington examining policies and efforts to increase the enrollment of young adults in the state’s health insurance marketplace. This was the seventh annual policy workshop in a series focused on state implementation of health reform efforts.
GHP student Maddie Carroll ’20 spent several weeks in Kapeeka, Uganda with the COVE Alliance, an organization that encompasses a health clinic, a primary boarding school for at-risk youth, and a convent, all within one campus. Here, Maddie poses with some of the children at the boarding school, all of whom are attending free of charge. Over 65% of the students are sponsored privately by U.S. citizens or religious organizations.

The Global Health Program is one of the three largest certificate programs at Princeton.
In 2018, CHW sponsored internships and research opportunities for 98 students in 28 countries.

Sampling of Host Sites

U.S. Peace Corps, Office of Global Health and HIV
Washington, D.C.

Telethon Kids Institute
Perth, Australia

Lab of Translational Medicine, Zhejiang University
Hangzhou, China

International Care Ministries
Manila, Philippines

Mpala Research Center
Laikipia County, Kenya

Le Bonheur Children’s Hospital Pediatric Obesity Program
Memphis, Tennessee

Jacqueline Dragon ’19 visited the Houston Emergency Operations Center while conducting an ethnography-based study on Hurricane Harvey preparedness, experience, and recovery, especially as it related to the health and healthcare of elderly residents.

Keunho Kim ’20 (back right, wearing glasses) interned with Child Family Health International in Bolivia where he observed how the medical staff in hospitals and clinics conducted their work amidst a lack of resources and medical specialists.
Naoum Fares Marayati ’19 spent the summer at the National Children’s Research Centre in Dublin, Ireland, conducting molecular diagnostics on colon samples from pediatric patients with Hirschsprung’s disease.

Th rough GHP’s many partnerships around the globe, students gain hands-on experience with some of the world’s leading global health practitioners. Some students work in a clinic or hospital on the front lines of health care delivery, where they connect directly with providers and patients in low-resource settings. Others work in laboratories where their research skills are honed. For all students, their summer experiences are often life-changing.

SUMMER INTERNSHIP HIGHLIGHTS

In Their Own Words

Jacqueline Dragon ’19

During the summer of 2018, I spent four weeks and three days in Houston, Texas conducting an ethnography-based study. My study’s focus was on the preparedness for, experience of, and recovery from Hurricane Harvey related to the health and healthcare of elderly residents in Houston long-term care facilities. I aimed to elucidate successful strategies in preparedness and future policy and protocol recommendations for maintaining the healthcare of elderly residents during similar future disasters.

I also studied the normal daily procedures of two facilities using participant-observation techniques, while volunteering with activities coordinators and nurses. In 30+ hours of volunteering, I was inspired and humbled by the work staff members do to create a cheerful, engaging, and comfortable environment for residents. I also observed the work of a member of the SouthEast Texas Regional Advisory Council (SETRAC) during the activation of the Houston Emergency Operations Center. SETRAC innovatively works to build coalitions of collaborating healthcare centers, practice preemptively for crisis drills, and coordinate governmental and healthcare centers’ disaster responses. Their work was fascinating.

My project opened my eyes to the value and beauty in qualitative research where one immerses themselves in learning from others through conversation. During this experience, I discovered my deep interest in emergency management, in working in public health, and the preparedness and response work of public health agencies. Due to this project, I firmly (and excitedly) plan to incorporate such public health and emergency management work in my future career.

Mikaela Gerwin ’19

With my CHW grant, I went to Alaska with Shena Goodman, the federal Family Violence Prevention and Services Act official for Alaskan Natives. In Alaska, I did research specifically with the Alaska Native Women’s Resource Center (AKNWRC), a non-profit organization that was, and continues to be, a grass roots organizing
effort to bring awareness about the crisis in Alaska Native Women in the areas of domestic violence, sexual assault, dating violence, stalking and sex trafficking. The AKNWRC educates communities about the need to change law and policy, and provide training and education to combat the high rates of violence that are perpetrated on Alaska Native or American Indian women, children and men. AKNWRC tries to reach more of the 229 federally recognized tribes in Alaska in order to facilitate locally based training based on the voices, language and teachings of local Tribes. I had the opportunity to attend a four-day summit and training on domestic violence, sexual assault and health in Fort Yukon, Alaska and a roundtable on Behavioral Health Challenges and Domestic Violence in the Alaskan Native population in Fairbanks, Alaska. The roundtable was attended by people from the villages of Kake, Emmonak, Tlingit Haida, Barrow, Holy Cross, Anvik, and Kaltag. I was offered this unique access and opportunity to engage with members of these very remote villages who were coming together in this central location. My research revolved around questions such as: how do legacies of colonialism, racism and American presence in Alaska impact physical and mental health in these Alaskan Native communities? How do decades of poverty and substance abuse, stemming from these legacies, also play a role? I conducted oral history interviews and took extensive notes as well as recordings at various meetings.

Moving forward, I will continue on this topic for my senior thesis in the History department on the history of domestic violence in Alaskan Native communities. After graduating, I plan to pursue a public health career. By exchanging ideas with women in Alaska, I learned about their contexts from their perspectives. In the future, I will continue to seek out these narratives of lives beyond my imagination.

**Naoum Fares Marayati ’19**

The National Children’s Research Centre (NCRC) is the largest research center in Ireland that is dedicated fully to bettering the healthcare and understanding of the science of pediatrics. The purpose of the organization and the impact of my work had a clear social impact factor while also being incredibly enriching to my career as a surgeon-scientist.

My project involved conducting molecular diagnostic work on bowel samples from patients of Hirschsprung’s Disease. I conducted tens of PCR plate analyses using a variety of primers to further understand the genetic makeup of the ganglionic, aganglionic, and the control cells of the patients’ bowel.

I don’t think I can quite put into words how amazing my work environment was. The people at NCRC are some of the warmest and most welcoming people I have ever met. By the end of ten weeks, I felt so sad to be leaving the organization and was fully integrated into all social and professional functions. Some of my co-workers became my lifelong friends.

**Kasia Kalinowska ’19**

NaProTechnology (NPT) is a fertility treatment developed in Omaha, Nebraska by Dr. Thomas Hilgers of the Pope Paul VI Institute as a Catholic Church-approved reproductive health and fertility care option. It is based on a fertility tracking method developed at Creighton University called the Creighton Model System (CrMS) which, Hilgers wrote, allowed couples to more effectively plan sexual intercourse for the specific purpose of overcoming infertility and conceiving a child. NPT has also employed traditional and less-traditional pharmaceutical, surgical, and dietary methods for the direct treatment of the underlying causes of infertility.

For my independent work in the History department, I conducted a historical analysis of how and why NPT grew to mainstream acceptance in Poland in spite of the global medical community’s insistence that it is not evidence-based and in the wake of the growing negative political symbolism of in-vitro fertilization in the country. I aimed to compare the document-based observations I made from that work with the reproductive health experiences of American Catholics, with an emphasis on Polish-Americans and Polish immigrants. I wanted to examine how Catholicism in the American context of a separation of church and state may or may not alter health care practitioner and user attitudes towards assisted reproductive technologies and towards NPT. I chose the Oakland Diocese in the San Francisco Bay Area as my field site for these inquiries because of its status as a medical hub where many IVF and natural family planning practitioners are based and its large number of Catholic, specifically Eastern European, churches that are connected with an Archdiocese that actively promotes NPT practices.

Some of the insights I gained will be influential to the direction of my history of science thesis on the regulation of fertility practices in the United States. One particular interview with a retired practitioner from the early days of NPT helped me identify potential archives and useful contacts for my upcoming thesis work.
CHW supports undergraduates and graduate students who are conducting research on the multiple aspects of health and wellbeing, whether in the U.S. or overseas. In addition to funding research projects and summer internships, CHW supports student-led opportunities that enhance individual understanding of their areas of interest. Here are just a few initiatives that CHW funded in 2018:

**Naoum Fares Marayati ’19** received funding to present his abstract, “Altered Expression of KCNG3 and KCNG4 in Hirschsprung’s Disease”, at the Pediatric Colo-rectal Club in Tokyo, Japan.

With the help of CHW funding, **Rayleen Hu ’20, Natalia Roszkowska ’20 and Andy Zheng ’20** participated in a health educational trip to Kapeka, Uganda. The trip was organized through the campus organization GlobeMed, and provided the students with an opportunity to work with their local partner, the Children’s Outreach and Vocational Education (COVE) Alliance.

CHW helped fund **Anagha Prasanna’s ’19 participation** at the 9th Annual Henrietta Lacks Memorial Lecture organized by Johns Hopkins Institute for Clinical and Translational Research in Baltimore. The program celebrated the legacy and contribution of Henrietta Lacks and the positive global impact of HeLa cells in the field of biomedical research.

**Nergis Khan ’19** is the organizer of Princeton MedHacks, a non-profit student organization dedicated to inspiring interdisciplinary innovation in the field of healthcare. She received funding from CHW for the first MedHacks conference, which brought together over 300 undergraduate students, graduate students, and working professionals from across the country from April 20-22 for a 36-hour hackathon. Experts in the field of medicine and technology, including doctors and healthcare entrepreneurs, served as speakers and mentors. By the end of the weekend, hackers had the opportunity to present their solutions to unique healthcare problems to a panel of judges.

CHW provided financial support for the **Envision Conference**, which took place from November 18 to December 2, 2018. The conference brought together future and current innovators, engineers, scientists, business leaders, intellectuals and policy makers to explore the implications of new technological trends.
Each year, CHW co-sponsors more than 30 events on domestic and international health topics. Many of the events are open to Princeton students, university faculty and staff, and the public.

**GHP COLLOQUIUM SERIES**

One of the most anticipated series offered at CHW is the Global Health Colloquium, where students, faculty, researchers and the general public can hear six experts speak about innovative and current global health issues. This year, lectures focused on a variety of topics, including opioid addicted pregnancy, the violence of public health discourse and toxic masculinity.

**Colloquium Speakers**

**Eugene Richardson**  Assistant Professor of Global Health and Social Medicine, Harvard Medical School

“Epidemic Illusions: The Symbolic Violence of Public Health Discourse”

**Micaela Martinez**  Assistant Professor, Department of Environmental Health Science, Mailman School of Public Health

“Hacking Epidemics: Leveraging Clinical, Cross-Sectional, and Time Series Data to Infer Cross-Scale Disease Dynamics”

**Kelly Knight**  Associate Professor in the Department of Anthropology, History, and Social Medicine University of California San Francisco

“The Toxic Womb: Opioid Addicted Pregnancy as Site and Metaphor for a Dying American Dream”

**Cal Biruk**  Associate Professor of Anthropology at Oberlin College & Conservatory

“Cooking Data: Culture and Politics in an African Research World”

**Jennifer Hirsch**  Professor of Sociomedical Sciences, Columbia University’s Mailman School of Public Health

“The Toxic Campus Brew: Whiteness, Masculinity, Drinking Laws, Stress and Shame”
CHW/RPDS SEMINAR SERIES

CHW and the Research Program in Development Studies (RPDS) partner each week during the academic year to host engaging lectures on a wide range of global health and development research topics. Led by researchers from Princeton and other institutions, topics in the 2018-2019 academic year included e-commerce integration and economic development in China; maternal depression, parenting behaviors and child development; and the dynamics of the social safety net.

A sampling of lecture topics:

“Crimes against Mortality: Unintended Consequences of Criminalizing Sex Work”
Manisha Sha  Associate Professor and Vice Chair, Department of Public Policy, UCLA

“Corrupt Hierarchies”
Raul Sanchez de la Sierra  Assistant Professor of Haas Business and Public Policy Group, University of California, Berkeley

“Parental Beliefs and Investment in Human Capital”
Orazio Attanasio  Professor of Economics, University College of London; Research Director, Institute for Fiscal Studies

“Upping the Ante: The Equilibrium Effects of Unconditional Grants to Private Schools”
Jishnu Das  Lead Economist, Development Research Group, The World Bank

“Insurer Innovation and Health Care Efficiency: Evidence from Utah”
Jonathan Kolstad  Associate Professor of Economic Analysis and Policy, Haas School of Business, University of California, Berkeley

“Can Migration Make Deadly Recessions Look Healthy? Evidence from Large-Scale Linked Microdata”
Brian Beach  Assistant Professor of Economics, College of William and Mary

“The Endowment Effect and Collateralized Loans”
Michael Gates  Professor of Developing Societies, Harvard University

Dan Zeltzer  Assistant Professor of Economics, Tel Aviv University

“The Welfare Effects of Long-Term Health Insurance Contracts”
Benjamin Handel  Associate Professor of Economics, UC Berkeley
The CHW Mini-Conference is a much-anticipated event that takes place twice during the academic year. Each half-day conference welcomes affiliated faculty and researchers to present their research with colleagues from other disciplines.

**Mini-Conference: February 23, 2018**

João Biehl  Anthropology
“The Books of the Dead Revisited: Reflections on Mortality and Morbidity in the German Colonies of Southern Brazil (1850-1880)”

Anne Case  Economics and Woodrow Wilson School
“Further Exploration into Midlife Mortality: The Role of Heart Disease”

Heather Howard  Woodrow Wilson School
“US Health Reform: The Resurgent Role of States”

Yael Niv  Princeton Neuroscience Institute and Psychology
“The Interaction between Mood and Valuation”

Daniel Notterman  Molecular Biology
“Recent Genetic and Epigenetic Observations in Fragile Families”

**Mini-Conference: November 16, 2018**

Thomas Fujiwara  Economics
“Schmoozing: Smoking, Socialization, and Success in the Workplace”

Andrea Graham  Ecology & Evolutionary Biology
“Environmental Impacts on Host Susceptibility in This Wormy World”

Jessica Metcalf  Ecology & Evolutionary Biology and Woodrow Wilson School
“Evolution of Sex Differences in Immune Function: Teaching an Old Dogma New Tricks”

Alexander Ploss  Molecular Biology
“Yellow Fever Virus: Lessons (to be) Learned From an Old Foe”

Paul Starr  Sociology and Woodrow Wilson School
“Rebounding with Medicare: Reform and Counter-Reform in American Health Policy”

**CENTER FOR HEALTH & WELLBEING MINI-CONFERENCE**

**FRIDAY, FEBRUARY 23, 2018**

8:30AM – 11:30AM

JULIS ROMO RABINOWITZ ROOM 217
CHW Event Highlights

On October 8, 2018 CHW was honored to host a talk by Dr. Geoffrey Anguyo, founder of the Uganda-based Kigezi Healthcare Foundation (KIHEFO). As a holistic-minded development organization, KIHEFO believes that poverty, disease, and ignorance are interconnected, and therefore, must all be addressed to break the cycle. Dr. Anguyo explained how the organization promotes health and sustainable agriculture, offers insight and a means for income generation, and encourages civic participation amongst local communities.

In addition to this talk, Dr. Anguyo met with staff from the International Internship Program, the Global Health Program, and Princeton in Africa, in hopes of establishing partnerships for future opportunities.

Other events at CHW in 2018 included:

- Global Health Program discussion with Ellen Johnson Sirleaf, Nobel Peace Prize Winner and former President of Liberia.
- Dinner discussion with Jerome Adams, U.S. Surgeon General.
- Lunch seminar: “Stupid or Smart? – Reflections on Abilify’s new ‘smart’ pill,” with Tia Powell, Professor, Department of Epidemiology and Population Health, and Psychiatry and Behavioral Sciences.
- Conference on “Law and Reproductive Health in an Unjust World: Perspectives from Across the Americas.” Speakers included healthcare practitioners, legal scholars, feminist theorists, social scientists, and activists. This event was co-sponsored with the Center for Human Values, Program in Latin American Studies, Anthropology, Program in Law and Public Affairs, Gender and Sexuality Studies, and the Center for the Study of Religion.
- Public lecture: “Why Everything You Thought You Knew About the Opioid Crisis is Wrong,” with Carl Hart, Ziff Professor of Psychology; Chair, Department of Psychology, Columbia University.
- Conference on “Domestic Violence: The Limits and Possibilities of a Concept,” co-sponsored with the German Department.
- Documentary film screening, The Heart of Nuba: One Doctor, One Hospital, One Million Patients.
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