Sue J. Goldie, MD, MPH
CURRICULUMVITAE

Professional Address:
Center for Health Decision Science
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Place of Birth: Washington, D.C. **Citizenship**: U.S.A.

Spouse: Aaron B. Waxman, MD, PhD

Education

1984	BS	Union College
1988	MD	Albany Medical College
1997	MPH	Harvard School of Public Health

Postdoctoral Training

1996-98	Fellow, Agency for Health Care Research and Quality, Harvard School of Public Health
1988-91	Residency, Medicine, Yale New Haven Hospital, Yale University School of Medicine

Licensure and Certification

1989	Board Certification, National Board of Medical Examiners
1992	Board Certification, American Board of Internal Medicine
1998	Active Licensure, State of Massachusetts

Academic Appointments

2014-	Director, Global Health Education and Learning Incubator at Harvard University
2014-	Special Adviser to the Provost on Global Health Education and Learning
2010-26	Professor of Global Health and Social Medicine, Harvard Medical School
2010-14	Faculty Director, Harvard Global Health Institute, Harvard University
2008	Roger Irving Lee Professor of Public Health, Harvard School of Public Health
2008-	Director, Center for Health Decision Science, Harvard School of Public Health
2006	Professor of Health Decision Science, Harvard School of Public Health
2006-	Director, Program in Health Decision Science, Harvard School of Public Health
2002	Associate Professor of Health Decision Science, Harvard School of Public Health
2001	Member of the Faculty of Arts and Sciences, Harvard University
1998	Assistant Professor of Health Decision Science, Harvard School of Public Health
1994	Assistant Clinical Professor of Medicine, Yale University School of Medicine
1991	Instructor of Medicine, Yale University School of Medicine

Awards and Honors

2021	Union College, Honorary Doctorate of Science
2021	Union College, Commencement Speaker
2021	Favorite Professor by Harvard Class of 2021
2020	Extraordinary Teaching in Extraordinary Times, Harvard College
2020	Roger L. Nichols Award for Excellence in Teaching, Harvard T.H. Chan School of Public Health

2019 Albany Medical College, Honorary Doctor of Humane Letters Degree
2016 Human Outreach Project, Humanitarian Service and Leadership
2016 Afghanistan Journal of Public Health, Service Award
2013 Favorite Professor by Harvard Class of 2013
2012 Favorite Professor by Harvard Class of 2012
2011 Faculty Mentoring Award, Harvard School of Public Health
2010 Alpha Omega Alpha Honor Medical Society Visiting Professorship
2009 John Eisenberg Award for Translation of Research to Practice
2009 Elected to the Institute of Medicine, National Academy of Sciences
2008 Roger Irving Lee Endowed Chair, Harvard School of Public Health
2006 Everett Mendelsohn Excellence in Mentoring Award, Harvard University
2005 MacArthur Fellow "Genius Award"
2005 Distinguished Alumni Award, Albany Medical College
2004 Harvard School of Public Health Excellence in Mentoring Award
2004 Outstanding Paper of the Year, Society for Medical Decision Making
2001-10 Teaching Excellence Commendation, Harvard School of Public Health
1998 Lawrence Linn Award, Society of General Internal Medicine
1997 Outstanding Educator Award, Yale School of Medicine, Quantitative Methods
1995 Original Investigation Competition Award for Innovative Programs in Medical Education, American Program Directors Internal Medicine
1988 The Frederick McCandless Prize
1988 The Neil Hellman Prize
1988 Janet M. Glasgow Memorial Achievement Award
1987 Alpha Omega Alpha Honor Medical Society
1984 Charles P. Drumm and Harold C. Wiggers Merit Scholar
1988 The Robert M. Fuller Medical Award
1984 The Leo and William Wrubel Memorial Prize
1981-84 Dana Fellowship Award, Charles A. Dana Foundation

Hospital Appointments

1991-97 Attending Physician, Yale New Haven Hospital, New Haven, CT
1992-96 Medical Director, Yale New Haven Hospital-Affiliated Saint Raphael
1994-96 Associate Program Director, Yale New Haven Hospital-Affiliated Saint Raphael, Internal Medicine Training Program

Committee Assignments

2021- Harvard Learning Experiences Group, Office of the Vice Provost for Advances in Learning, Harvard University
2020 Faculty Council, Harvard T.H. Chan School of Public Health
2016- 2019 Standing Committee on Appointments, Reappointments, and Promotions (SCARP), Harvard T.H. Chan School of Public Health
2013-16 Steering Committee, South Asia Institute, Harvard University
2013- The Petrie-Flom Center for Health Law Policy, Biotechnology and Bioethics at the Harvard Law School, Affiliated Faculty
2013- Harvard Committee on African Studies, Harvard University, Affiliated Faculty
2012- President's Innovation Fund for International Experiences, Harvard University
2011-12 Harvard University Provost Search Committee, Harvard University
2011-16 Senior Strategic Advisor, Steering Committee, Women and Health Initiative, Harvard T.H. Chan School of Public Health
2011- Instructional Program Committee on Global Health and Health Policy Secondary Field
2010-2015 Steering Committee for the Harvard Humanitarian Initiative, Harvard University
2010- Advisory Board for the Center for Communicable Disease Dynamics, Harvard T.H. Chan School of Public Health
2010-15 Steering Committee for Comparative Effectiveness Research Initiative, Harvard T.H. Chan School of Public Health
2002- Committee on Higher Degrees in Health Policy, Harvard University
2009-11 Committee Chair for Global Health Review, Harvard School of Public Health Dean
2007-09 Co-Chair [with Provost], Executive Committee, Harvard Initiative for Global Health

2007-08 Harvard School of Public Health Dean Search Committee, Harvard University
2006-07 Harvard Medical School Dean Search Committee, Harvard University
2006-10 Standing Committee on Global Health, Harvard University
2005 Task Force and Committee on Women Faculty, Harvard University
2003-05 Vice Chair, Faculty Council, Harvard School of Public Health
2002-03 Educational Committee for Curriculum Review, Harvard School of Public Health

Regional, National, International Committees

2023 – Commissioner, The Lancet Commission on Investing in Health (CIH 3.0)
2012-15 Commissioner, The Lancet Commission on Investing in Health (CIH 1.0)
2012-13 Member, Lasker Foundation Cervical Cancer Initiative
2011- Advisory Board Member, Global Health Frontline News
2010-15 Governing Board, Chronic Diseases Initiative in Africa
2004-10 Expert Advisory Committee for Evidence-Based Vaccine Introduction for Latin American and Caribbean countries, Pan American Health Organization
2004-10 Board on Global Health, Institute of Medicine
2006-08 Committee on Economic Analysis for Vaccine Introduction, Pan American Health Organization
2006-07 National Cancer Institute Working Group: Health Services Research Agenda on Emerging Cellular, Molecular, and Genomic Technologies
2005-10 International HPV Vaccine Experts Forum, World Health Organization
2005-09 American Cancer Society Guideline Expert Panel on HPV Vaccination
2005-06 Co-Chair, Reproductive Health in Developing Countries, Global Health Council
2004-06 Global Diagnostics Forum, Bill and Melinda Gates Foundation
2003-04 Technical Advisor, Department of Reproductive Health and Research, World Health Organization
2003-05 Disease Control Priorities Project—World Bank, World Health Organization, Fogarty International Center at NIH, and the Gates Foundation
2003-06 Advisory Board Member, Sentinel Surveillance Site Committee for HPV, sponsored by the Centers for Disease, Control and Prevention
2002-03 Task Force Committee for American Cancer Society, Development of National Guidelines for Screening
2001-03 Alliance for Cervical Cancer Prevention to the World Bank (2001, 2002) and Gates Foundation (2003) Reproductive Health Program, DC
2001-03 International Expert Panel for the German Health Technology Assessment Series, Technical Advisor, German Federal Ministry of Health
2002 Committee for Planning Clinical Studies of HIV Disease in Developing Countries, National Institutes of Health
2002 ASCCP National Consensus Committee on Cervical Cancer Screening Guidelines, National Cancer Institute
2001 National Committee for Guideline Development for Prevention of HIV and AIDS-Related Opportunistic Infections, U.S. Public Health Service-Infectious Diseases Society of America (USPHS-IDSA)
2001 American Cancer Society Working Committee for the Development of U.S. National Screening Guidelines
2001 Elected Trustee, Society for Medical Decision Making
2000 Chairperson, Scientific Review Committee, Society for Medical Decision Making
1998 External Panel on Prevention of HPV Infection, National Committee on Research Priorities, Centers for Disease Control and Prevention
1999 USPHS-IDSA National Committee for Guideline Development for Prevention of HIV and AIDS-Related Opportunistic Infections, Bethesda, MD
1998 Nominations Committee, Society for Medical Decision Making
1995 Decision Science Curriculum Committee, Society for Medical Decision Making
1995 Regional Statewide Collaborative Education Planning Committee, Yale School of Medicine/University of Connecticut School of Medicine
1995 Regional Spring Scientific Session, Chair, American College of Physicians, Connecticut Chapter Associates Committee
1994 Residency Training Committee, Chair, Saint Raphael Hospital, Yale School of Medicine

Professional Societies

2016- American Public Health Association
2009- Institute of Medicine, National Academy of Sciences
2008- Wilderness Medical Society
1995- Society of Medical Decision Making
1994-96 American Program Directors Internal Medicine

1994-00 Society of General Internal Medicine
1992-08 American College of Physicians
1987- Alpha Omega Alpha Honor Medical Society

Non-profit Boards
2007-17 Human Outreach Project, Board Chair
2014 Global Health Frontiers, Cielo Global Health Media, Board of Directors
2006-14 Management Sciences for Health (MSH), Director

Peer-Reviewer/ Editorial Board
JAMA; Annals of Internal Medicine; New England Journal of Medicine; Lancet; Medical Decision Making; Clinical Infectious Diseases; British Medical Journal; Afghanistan Journal of Public Health; Vaccine; Journal of Acquired Immune Deficiency Syndrome; Sexually-Transmitted Diseases; AIDS; Pharmacoeconomics; Health Economics; American Journal of Public Health; Cancer; Journal of National Cancer Institute; Archives of Internal Medicine; American Journal of Medicine; International Journal of Cancer. Editorial Boards: Medical Decision Making (2000-2003); Population Health Metrics (2006-2009)

Funding Information

Date: 01/01/23-12/31/24
Sponsor: Gordon & Betty Moore Foundation, #6000915-5500001851
Role: Principal Investigator (Sub-Award)
Project: Operation Outbreak Phase 3 Educational Curriculum
The objective of this sub-award is to construct a reproducible and standardized instructional design process that can be used for all 8 Operation Outbreak educational modules, and to create 5 modular educational products that will serve as cornerstones of the 8 completed modules (each product includes a lesson unit, synchronous and asynchronous material, multimedia, activities, exercises, and assessment, and teaching support).

Date: 04/1/07-12/31/16
Sponsor: John D. and Catherine T. MacArthur Foundation, 10-97002-000-INP
Role: Principal Investigator
Project: Global Maternal Morbidity and Mortality Policy
The objective of this project is to promote evidence-based decision making in a global effort to reduce maternal morbidity and mortality. We have adapted our Global Maternal Morbidity and Mortality Policy Model to India, Mexico, Afghanistan and Nigeria, synthesizing the best available data, and incorporating real-world barriers and constraints to health service delivery. We conduct influential policy analyses to iteratively guide decision making on phased approaches that are feasible, cost-effective and will assist countries in meeting Millennium Development Goal (MDG) 5 by 2015.

Date: 04/31/06-04/31/16
Sponsor: National Institutes of Health, R37 AI042006
Role: Co-Investigator
Project: Cost-Effectiveness of Preventing AIDS Complications
The purpose of this project is to synthesize the best available health and economic data to comparatively assess the health consequences, and cost-effectiveness of different strategies for managing HIV disease in the U.S. and to evaluate policy alternatives for the delivery of equitable care in HIV-infected patients. Questions range from tradeoffs between acute and chronic disease management, applicability of gender-based guidelines, disparities in access and treatment, and iterative assessment of when to start, stop and switch antiretroviral treatment regimens.

Date: 07/01/04-06/30/13
Sponsor: National Institutes of Health, R01 AI058736
Role: Principal Investigator, Subcontract
Project: Optimizing HIV Care in Less Developed Countries
The purpose of this project is to synthesize the best available health and economic data to develop a comprehensive state-transition model of the natural history and treatment of HIV disease in Ivory Coast, India and South Africa. This model is utilized to analyze country-specific data to determine the clinical impact, cost and cost-effectiveness of different strategies for opportunistic infection prophylaxis, tuberculosis preventive therapy, and antiretroviral use in each of these countries, and to develop country-specific treatment guidelines.

Date: 12/01/04-12/31/12

Sponsor: Bill and Melinda Gates Foundation
Role: Principal Investigator
Project: Global HPV Vaccine Policy
The objective of this project is to promote evidence-based decision making in a global effort to prevent cancer mortality from a preventable disease which disproportionately affects women in poor countries. We aim to catalyze global cancer prevention efforts by synthesizing the best available data to identify effective, cost-effective, and affordable strategies to prevent HPV infection using new vaccines, and to detect precancerous lesions using new diagnostics. Country focus includes India, China, Vietnam, Thailand, Uganda, Tanzania, Kenya, Mozambique, South Africa, and Peru, Brazil, Haiti, Chile; Regional focus includes policy analyses for the 72 GAVI-eligible countries, and the 33 Latin American and Caribbean countries.

Date: 09/27/07-07/31/11
Sponsor: National Cancer Institute, R01 CA093435
Role: Principal Investigator
Project: Clinical and Cost-effectiveness of HPV Vaccination in the US
The purpose of this project is to refine our empirically calibrated national prevention model of HPV transmission and cervical carcinogenesis to assess the costs, benefits, and cost-effectiveness of primary prevention (vaccination), secondary prevention (screening), and strategies that combine both. We use this analytic framework to assess the cost-effectiveness of alternative cervical cancer prevention strategies using a validated population-based simulation model linked to a dynamic transmission model – we identify optimal guidelines for both the general U.S. population as well as for subgroups that differ in their socioeconomic, demographic, and cervical cancer risk profile.

Date: 07/01/05-06/30/10
Sponsor: Bill and Melinda Gates Foundation, ID200
Role: Co-Investigator
Project: Grand Challenges #13: Population Health Metrics Research Consortium
The purpose of this project is to develop new technology to improve the methods for population health measurement. Critical information on population health needed to inform planning, resource allocation, program implementation, monitoring and evaluation includes the prevalence and incidence of major diseases, prevalence of risk factors, mortality rates by cause, and effective coverage. Given priority needs for health information, there are some major gaps in available measurement methods and technologies that share a set of methodological challenges and empirical needs.

Date: 09/01/06-08/31/10
Sponsor: Agency for Healthcare Research and Quality, HS015570
Role: Principal Investigator, Subcontract
Project: Disparities in Cancer Prevention and Control
The purpose of this project is to extend development of decision-analytic policy models in cancer to incorporate the effects of disparities in screening, follow-up, and treatment and examine their impact on cancer-related outcomes. This proposal relies on a collaborative and cross-disciplinary approach, integrating decision science, epidemiology and biostatistics, healthy policy and ethical analysis to address socially relevant policy questions that disproportionately affect certain segments of the population.

Date: 05/01/07-04/30/08
Sponsor: PATH/Gates Foundation GAT.1246-04-07453-SUB
Role: Principal Investigator
Project: Impact Assessment of the HPV Vaccine for the GAVI Investment Case
The purpose of this project is to supervise a research associate conducting additional analyses of the cost-effectiveness of HPV vaccination strategies to support the GAVI investment case. These analyses include various uptake scenarios and include explicit incorporation of affordability and feasibility across 72 GAVI-eligible countries.

Date: 1/1/05-07/01/06
Sponsor: John D. and Catherine T. MacArthur Foundation
Role: Principal Investigator
Project: Global Maternal Morbidity and Mortality Policy Model, Mexico, Nigeria and India
The purpose of this project is to develop a comprehensive natural history model that could serve as an analytic framework and durable policy tool that would help key stakeholders understand and assess the costs and benefits of different strategies for reducing disability and death due to pregnancy-related complications. The tool could apply to different countries and different settings within countries by public health and regional health care delivery decision makers.

Date: 05/07/02-02/28/06
Sponsor: National Cancer Institute, R01 CA93435-01
Role: Principal Investigator
Project: Cost-Effectiveness of Strategies to Reduce Global Mortality from Cervical Cancer
The purpose of this project is to develop a Global Cervical Cancer Policy Model to assess different cervical cancer control strategies in both developed and developing countries. The specific aims are to develop a model of human papillomavirus and its sequelae (cervical cancer) incorporating new epidemiological data; to evaluate the health and economic consequences of alternative screening strategies in the U.S; and to assess the cost-effectiveness of alternative screening and prevention strategies for previously unscreened women in South Africa and Zimbabwe.

Date: 11/1/04-10/31/05
Sponsor: PATH and the Bill & Melinda Gates Foundation
Role: Principal Investigator
Project: Technology Assessment HPV, China and India
The purpose of this project is to analyze screening methods for cervical cancer that can l be used by women in resource-limited areas of the developing world. Cost-effectiveness analyses of alternative screening and treatment programs to propose effective and cost-effective cervical cancer prevention programs will incorporate relative cost differences of screening tests, technical requirements, infrastructure and program feasibility for China and India.

Date: 03/01/02-02/29/05
Sponsor: Bill and Melinda Gates Foundation
Role: Principal Investigator
Project: Modeling Cancer Prevention Strategies in Kenya, South Africa, Thailand, Peru, India
The purpose of this project is to develop natural history and screening models representing 5 countries in different world regions working with "on the ground" teams in each of the chosen countries to collect economic and public health data needed to parameterize the models and conduct analyses. The goal is to provide an analytic tool that may be used by health care planners to set up cervical cancer control services in developing countries.

Date: 10/1/03-03/31/05
Sponsor: Doris Duke Charitable Foundation (The Clinical Interfaces Award)
Role: Principal Investigator
Project: Multidisciplinary Approach to Understanding the Role of Social, Economic, and Immunological Factors in Cervical Cancer
This purpose of this project is to investigate the interface between factors such as nutrition, poverty, and co-morbid infections with the natural history of cervical cancer in an impoverished region of rural Haiti. It involves four core teams each representing a distinct discipline, namely clinical medicine, anthropology, decision science, and immunology.

Date: 08/01/02-07/31/03
Sponsor: National Institute on Alcohol Abuse & Alcoholism, R01 AA13216
Role: Principal Investigator, Subcontract
Project: Clinical Impact of HCV and Alcohol in HIV-Infected Persons
The purpose of this project is to test whether alcohol consumption and HCV, separately and together, are associated with worse HIV-related disease outcomes, and to determine the magnitude and importance of the effects. Efforts include guiding data collection efforts and instrument development and conducting a policy analysis that extends the findings from the clinical trial.

Date: 10/01/04-09/30/05
Sponsor: Centers for Disease Control and Prevention, U64/CCU 119525-01
Role: Principal Investigator, Subcontract
Project: Cost-effectiveness of Prophylaxis for AIDS-Related Infections: US and Africa
The purpose of this project is to evaluate the cost-effectiveness of new strategies for prophylaxis of opportunistic infections in sub-Saharan Africa, including the assessment of the cost-effectiveness of antiretroviral therapy in Cote d'Ivoire.

Date: 09/01/04-12/31/06
Sponsor: Mexican National Institute of Health and Ministry of Health
Role: Co-Investigator
Project: Mexico: Analytics for Priority Setting

The purpose of this project is to lay a strong foundation for a comprehensive and evidence-based analytic framework to guide development of Mexico's future health system, including efficient allocation of resources, and investments in new technology in the short-, medium-, and long-term.

Date: 10/01/00-09/30/04
Sponsor: DHHS/CDC, U64/CCU 119525-01
Role: Principal Investigator, Subcontract
Project: Cost-effectiveness of Prophylaxis for AIDS-Related Opportunistic Infections in Cote d'Ivoire
The purpose of this project is to evaluate the cost-effectiveness of new strategies for prophylaxis of opportunistic infections in sub-Saharan Africa.

Date: 10/01/06-03/31/09
Sponsor: Center for Disease Control, 1406-04-07-CT-66327
Role: Principal Investigator
Project: Estimating the Impact and Cost-Effectiveness of Vaccination Strategies in the US for the Department of Health and Human Services, Center for Disease Control
The purpose of this project is the development, analysis and validation of models of the impact of HPV vaccination in the U.S. with specific analyses conducted to inform U.S. policy decisions on vaccine introduction and recommendations made by the ACIP.

Training Grants
Date: 06/01/09-6/30/20
Sponsor: National Institutes of Allergy and Infectious Diseases (T32AI007535)
Project: **Epidemiology of Infectious Disease and Biodefense**
Principal Investigator: George Seage III
Role: Advisor to pre doctoral students supported by this training grant

Date: 09/08/92-08/31/19
Sponsor: National Cancer Institute (R25CA057711)
Project: **Harvard Education Program in Cancer Prevention Control**
Principal Investigator: Glorian Sorensen
Role: Advisor to post-doctoral students supported by this training grant

Date: 09/30/94-06/30/18
Sponsor: Agency for Healthcare Research and Quality (T32HS000055)
Project: **Health Policy Training Program (NRSA)**
Principal Investigator: Joseph Newhouse
Role: Advisor to pre doctoral students supported by this training grant

Date: 09/01/02-08/31/17
Sponsor: National Cancer Institute (R25CA092203)
Project: **Program in Cancer Outcomes Research Training (PCORT)**
Principal Investigator: Scott G. Gazelle
Role: Advisor to pre and post-doctoral students supported by this training grant

Date: 09/30/92-06/30/17
Sponsor: National Institutes of Allergy and Infectious Diseases (T32AI007433)
Project: **Program for AIDS Clinical Research (PACRT)**
Principal Investigator: Kenneth Freedberg
Role: Advisor to pre and post-doctoral students supported by this training grant

Date: 07/01/08-06/20/18
Sponsor: National Institute of Arthritis and Musculoskeletal and Skin Diseases (T32AR055885)
Project: **Clinical and Outcomes Research in the Musculoskeletal Diseases**
Principal Investigator: Jeffrey Katz
Role: Advisor to pre and post-doctoral students supported by this training grant

Date: 07/01/76-06/30/17

Sponsor: National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) (T32DK007191)
Project: **Research Training in Digestive Diseases**
Principal Investigator: Raymond Chung
Role: Advisor to pre- and post-doctoral students supported by this training grant

Date: 07/01/92-06/30/12
Sponsor: National Library of Medicine (T15LM007092)
Project: **Biomedical and Health Informatics Research Training**
Principal Investigator: Alexa T. McCray
Role: Advisor to two post-doctoral students supported by this training grant

Report of Teaching

Harvard T.H. Chan School of Public Health

2019-current **Foundations for Public Health.** Course Instructor. This course was revisited to assess what the ideal "public health foundation" would be for 500 incoming graduate students, and to design an innovative instructional model in which content would be delivered in a largely online format in the summer prior to students' arrival. We consider public health solutions from an array of perspectives, appreciate the fundamental role of prevention and health promotion, and within the context of a national health system, differentiate individual from population-based services. Discussion topics reflect the interconnectedness between health conditions and students are encouraged to gain a deeper understanding of the influential social, economic, environmental and political determinants that influence health by shaping the circumstances in which we live. Class size 500-650 graduate students.

2017-current **Decision Science for Public Health (RDS202).** Course Instructor. New curriculum developed and piloted over 10-month period includes methods and applications of decision analysis, decision trees, and probability revision; diagnostic tests and strategies, individual and population outcomes, and cost-effectiveness analysis in clinical and public health decision making. This online course includes synchronous and asynchronous components composed of weekly multimedia lectures, problem sets, and interactive assignments, and assessment. Class size ~50-75 graduate students.

2015-2017 **Fundamental Concepts of Public Health.** Course Instructor. Curriculum covers a solid foundation for education, experience and engagement in public health. Curriculum includes the conceptual framework for critically thinking about population health and the ability to use this framework as a platform from which to understand, contextualize, analyze, and tackle important public health challenges. 2015 co-taught with Dean Julio Frenk. 2016 taught as sole instructor. Class size ~500 graduate students.

2014-2015 **DrPH Fundamental Concepts of Public Health (GHP556).** Course Co-Instructor with Dr. Julio Frenk and Dr. Suerie Moon. Curriculum includes the conceptual framework for critically thinking about population health, health conditions, social determinants of health and societal responses.

1998-2012 **Decision Science for Health (RDS280).** Course Instructor. Curriculum covers problem assessment using a decision analytic framework, elements of a decision analysis, probability and Bayes theorem, diagnostic test performance, model structure, utility assessment, valuation of outcomes, cost-effectiveness analysis, introduction to advanced modeling methods, and uncertainty analysis. Context and cases are based on public health problems. Prior to 1998 there were approximately 40 students enrolled, by 2000 - 100 students; by 2006 -130 students, and following years exceeded 200 students.

1998-2000 **Practicum in Decision Science and Cost-Effectiveness Analysis (HPM289cd).** Co-Instructor. Curriculum covers advanced modeling methods including Monte Carlo simulation. Practical skills include use of decision analytic software. Students learn how to conceptualize a clinical or public health problem using a decision analytic framework, and work on their own projects over the semester with structured mentoring.

Harvard University

2020-current **Gen Ed 1063: World Health: Challenges and Opportunities.** Course Instructor. The 2020 iteration of the course serves as the inaugural offering for the new Program in General Education, and expands student understandings of the influence of social, political, and environmental determinants on health, particularly

transnational risks associated with globalization. Solutions are considered from an array of perspectives, contributions from within and outside the health sector, and interventions at the local, national and global levels. Through the application of newly designed creative projects, students are equipped to thoughtfully analyze important health challenges and appreciate how evidence is contextualized and translated to policy and action. Class size ~60-90 undergraduate students.

2019 **Societies of the World 24: Global Health Challenges: Is Globalization Good or Bad for World Health?** Course Instructor. In its ninth year, this flagship undergraduate course was significantly revised to support the renewed goals of the Program in General Education. We aim to foster "global perspectives", build "data literacy", and develop "critical thinking skills" through the application of three primary approaches: establish a foundation through acquiring global perspectives about world health, contextualizes health challenges through the assessment of priorities, policies and decisions in particular societies, and encourage thinking across disciplines by addressing cross-sectoral challenges in those societies.

2010-2017 **Societies of the World 24: Global Health Challenges: Complexities of Evidence-based Policy.** Course Instructor. This course introduces the global health challenges posed by failure to adequately reduce infections, malnutrition, and maternal-child health problems in the most vulnerable populations, escalating rates of non-communicable diseases/injuries, and emerging health risks that cross national boundaries. We assess social responses to these challenges at the community, national, and global levels. Through an understanding of population health measures, we examine patterns of disease/mortality between and within countries, capture important time trends, and identify determinants of health inequalities. While emphasizing science driven policy, comparative case examples are presented to illuminate influential systemic factors, health system performance, and the economic, social and political climate.

2017 **SSCI-E124: Global Health Challenges. Harvard Extension School.** Course Instructor. This course is designed to emphasize broad analytic and critical thinking skills rather than acquisition of facts and details. Offered online with recorded lectures from the Harvard Faculty of Arts and Sciences course, "Societies of the World 24" and provides online weekly section. This course offers a broad conceptual foundation for critically thinking about population health in a global context, positioning health as a social objective that contributes to human development, human rights, and global security while exploring health conditions, health determinants operating within and beyond borders, and societal responses to health challenges. Health indicators, population metrics, and graphics are used to analyze the magnitude, distribution, and trends of disease patterns and population dynamics across and within countries, with particular attention to the contemporary challenges of widening inequities, forced migration, displaced populations, and rapid urbanization.

2017 **HarvardX MOOC SW47.1x: Entrepreneurship and Healthcare in Emerging Economies.** Course Co-instructor. This course engages students in the modern-day health challenges affecting emerging economies, with a particular focus on the countries of South Asia, and to examine a range of entrepreneurial attempts to solve these problems. Our main objective is for students to gain a deeper understanding of the ways in which entrepreneurial action can effectively tackle major problems in South Asia, by combining knowledge of historical causes, qualitative and quantitative evidence, and context-specific knowledge of the commonalities and differences across South Asian countries.

2013-2014 **Societies of the World 47: Contemporary South Asia: Entrepreneurial Solutions to Intractable Social and Economic Problems, Module IV Health.** Course Instructor. The course is designed for undergraduates as well as graduate students from all parts of the University. The course provides a framework for critically thinking about the health of people in South Asia, broadly inclusive of health conditions, social determinants and societal responses from within and outside the health sector. Entrepreneurial opportunities to improve health draw on innovation from multiple disciplines and sectors, and range from new technologies to delivery of services, to instruments of policy, to institutional innovation. Examples in the readings and class from India, Bangladesh, Pakistan, Myanmar and Afghanistan illuminate important cross-cutting contextual factors that will vary by country.

2004-2005 **Health of the Poor: Analytic Tools for Decision Makers.** Course Instructor, Freshman Seminar Series. This course's interactive curriculum revolves around discussion of real-world global health challenges and demonstrates that evidence-based analyses can inform prioritization of diseases and health areas to be targeted in poor countries. Students are introduced to analytical methods and tools that researchers use to

aid decision makers in evaluating, on a comparative basis, the magnitude of benefits and costs from interventions competing for limited resources.

2001-2008 **Core Seminar in Health Policy**. Public Health Section Leader, Harvard University Doctoral Program in Health Policy (HCP 597 & 598). Curriculum enables students to gain the skills to evaluate and breakdown a global public health problem into its components and conceptualize the types of information required, the most appropriate analytical skills, and the strategies for change. Seminars include didactic material, case-based discussions, and interactive debates.

Yale University

1997 **Biostatistics and Quantitative Methods for Clinical Research.** Course Instructor. Yale University Physician Associate Program. Yale New Haven Hospital and Affiliates.

1997 **Quantitative Methods for Clinical Research**. Department of Pulmonary Critical Care. Yale University School of Medicine.

1995-96 **Medical Decision Making in Internal Medicine.** Faculty development course. Yale New Haven Hospital and Affiliates, Yale University School of Medicine.

1992-97 **Introduction to Clinical Medicine.** Preclinical Instructor. 1st year medical students, Yale University School of Medicine.

1992-97 **Primary Care Ambulatory/ Inpatient Medicine**. Clinical Preceptor. 2nd year medical students, Yale University School of Medicine; Co-Section Instructor for Palliative Care. 4th year medical students, Yale University School of Medicine.

Community

2016 **Teaching Math for Social Justice**. Instructor. Workshop for high school students from Cambridge School of Weston. This workshop builds on ideas, such as conditional probability, a concept which CSW algebra teacher and Incubator collaborator Agnes Voligny had previously introduced to her students, in order to model and encourage analytical thinking through real-world challenges in public health and global health. Students discuss health risks such as the Zika virus, and work through probability exercises framed to cross disciplinary boundaries and extend their understanding beyond mathematics and into the realms of public policy, ethics, health, and decision analysis.

2015 **Modular Mini-Course: Global Perspectives on Population Health.** Instructor. Month-long session shares learning and teaching experience for faculty at Cambridge School of Weston. Weekly workshops attended by a core group of 11 CSW faculty members, representing the science, math, art, history, English, and library/technology departments. Workshops provide a broad conceptual foundation for critically thinking about population health in a global context, positioning health as a fundamental prerequisite for building strong societies, and as a social objective that has become critically relevant to economic development, national security, foreign policy, and a human rights agenda.

Selected Advisees or Trainees

Students

Yuli (Lily) Hsieh: Doctoral Program in Health Policy (concentration decision science) Harvard University. Secondary research advisor.

Lyndon James: Doctoral Program in Health Policy (concentration decision science) Harvard University. Secondary research advisor.

Fellows

Anshul Kumar, PhD: (Former) Postdoctoral research fellow in pedagogy. Working on development and evaluation of educational materials and instructional models to build and strengthen public and global health learning. Primary advisor.

Daniel Erim, MD, PhD, MS: (Former) Postdoctoral fellow in global strategies to reduce maternal mortality with an emphasis in Nigeria. Recipient of funding from the MacArthur Foundation for a Global Maternal Mortality Policy Project (PI: Goldie). Primary advisor, research advisor.

Jennifer Yeh, PhD: (Former) Postdoctoral fellow in cancer control. PhD in Health Policy, Harvard University, 2007. Gastric

Cancer Prevention Policy: The Economic and Population Impacts of Helicobacter pylori Screening. Recipient of a training grant from the National Cancer Institute. Primary advisor, Research advisor, thesis committee chair. Current position: Assistant Professor of Pediatrics, Harvard Medical School; Associate Scientific Researcher, Division of General Pediatrics, Boston Children's Hospital.

Delphine Hu, MD, MPH: (Former) Policy analysis of chlamydial screening in U.S. women. Cost-effectiveness analysis of interventions to reduce maternal mortality and morbidity. Submitted an R01 to the CDC ASPH and received the highest priority and merit score from the study section; was not funded due to an unanticipated shortfall in available funding at the CDC that year. Research advisor.

Janice Kwon, MD, MPH: (Former) Master Degree in Health Policy and Management. Cost-effectiveness analysis of treatment paradigms for early stage endometrial cancer, and evaluation of practice patterns and outcomes in endometrial cancer. Research Advisor. Recipient of Award in Gynecological Cancer Research, Cancer Care Ontario and the London Health Sciences Centre. Former mentor on GCR award. Current Position: Adjunct professor, Department of Obstetrics and Gynecology, Division of Gynecologic Oncology, Vancouver Coastal Health and BC Cancer Agency, Vancouver, BC, Canada.

Serena Koenig, MD: (Former) Postdoctoral fellow in infectious diseases. Brigham and Women's Hospital, Department of Social Medicine. HIV treatment in developing countries. Recipient of T32 postdoctoral fellowship HIV/AIDS. Former mentor on K award. Current Position: Instructor in Medicine, HMS; Associate Physician, Div Soc Med & Hlth Inequalities, B&W Hosp; Assoc MD, Div Infect Dis, MGH.

Julie Servoss, MD: (Former) Postdoctoral fellow in hepatology and policy research. Cost-effectiveness of treatment for HCV in HIV-infected individuals; simulation of two recent clinical trials of new HCV treatment in coinfected individuals. Research advisor. Current Position: Assistant Dean for Diversity, Cultural & Student Affairs; Assistant Professor of Clinical Biomedical Science, Florida Atlantic University, Schmidt College of Medicine.

Karen Andersson, MD: (Former) Postdoctoral fellow in hepatology and policy research. Strategies for hepatitis B and C in low income countries. Research advisor. Current Position: Instructor in Medicine, HMS; Clinical & Research Fellow, MGH Dept GI and hepatology.

Natalie Carvalho, PhD: (Former) Doctoral Program in Health Policy, Harvard University Health and economic evaluations of maternal, neonatal and child health-related policies in developing countries. Thesis committee chair, research advisor. Current Position: Research Fellow at the Centre for Health Policy, Programs and Economics at the University of Melbourne, School of Population Health

Junior Faculty

Michael Lawrence Barnett, MD: Associate Professor of Health Decision Science, Department of Health Policy and Management, Harvard T.H. Chan School of Public Health.

Tom Gaziano, MD, MPH: Assistant Professor of Cardiology, Brigham and Women's Hospital, Harvard Medical School; Assistant Professor of Health Policy and Management, Department of Health Policy and Management, Harvard T.H. Chan School of Public Health.

Nicolas Menzies, PhD: Associate Professor of Global Health, Department of Global Health and Population, Harvard T.H. Chan School of Public Health.

Ankur Pandya, PhD: Associate Professor of Health Decision Science, Department of Health Policy and Management, Harvard T.H. Chan School of Public Health.

Anna Sinaiko, MPP, PhD: Assistant Professor of Health Economics and Policy, Department of Health Policy and Management, Harvard T.H. Chan School of Public Health.

Stéphane Verguet, MS, MPP, PhD: Associate Professor of Global Health, Department of Global Health and Population, Harvard T.H. Chan School of Public Health.

Jennifer Yeh, PhD: Associate Professor of Pediatrics, Harvard Medical School; Scientific Researcher, Boston Children's Hospital.

Zachary Jonathan Ward, PhD: Assistant Professor of Health Decision Science, Department of Health Policy and Management, Harvard T.H. Chan School of Public Health.

Past Advisees

John Giardina: Doctoral Program in Health Policy (concentration decision science) Harvard University. Secondary research advisor. Current Position: Associate Investigator Medical Practice Evaluation Center, Mass General Research Institute.

Djøra Soeteman, MA, PhD: Director of Health Technology Assessment at Panaxea. Former Research Scientist, Department of Health Policy and Management, Harvard T.H. Chan School of Public Health.

Zachary Jonathan Ward, PhD: Doctoral Program in Health Policy (concentration decision science) Harvard University. Research advisor. Empirical Calibration of Mathematical Model for Maternal Mortality in India, Afghanistan, and Nigeria.

Kelechi Weze, DrPH: Harvard T.H. Chan School of Public Health. Academic advisor. Analysis of Health Systems Frameworks. Helmet Use Among Motorcycle Riders in Nigeria.

Paula Chu, PhD: Doctoral Program in Health Policy, Harvard University. Identifying High-Value Lifestyle Interventions for Cardiovascular Disease. Primary advisor, research advisor. Current Position: Evidence Synthesis Leader/HTA (Health Technology Assessment) Epidemiologist, Roche (Basil, Switzerland).

Jeremy Goldhaber-Fiebert, PhD: Doctoral Program in Health Policy, Harvard University. Noncommunicable diseases in developing countries. Recipient of multi-year award from the National Science Foundation. Primary advisor, research advisor, thesis committee chair. Current Position: Assistant Professor of Medicine, Department of Medicine, Stanford University School of Medicine.

Joshua Salomon, PhD: Doctoral Program in Health Policy, Harvard University. Empirical Approaches to Modeling HIV and Hepatitis C Recipient of Outstanding Doctoral Thesis Award (2002). Research advisor, thesis committee. Current position: Senior Fellow at the Freeman Spogli Institute for International Studies, Professor of Medicine for the Center for Health Policy and Center for Primary Care Outcomes and Research, Stanford University.

Bruce Schackman, PhD: Doctoral Program in Health Policy, Harvard University. The Cost-Effectiveness of Early Antiretroviral Therapy for HIV-Infected Adults. Research advisor, thesis committee. Current position: Saul P. Steinberg Distinguished Professor of Healthcare Policy and Research, Weill Medical College of Cornell University.

Jane Kim, PhD: Doctoral Program in Health Policy, Harvard University. Using Mathematical Modeling To Evaluate Cervical Cancer Screening Strategies In Different World Regions. Recipient of traineeships from the National Cancer Institute and the National Library of Medicine. Recipient Lee Lusted Prize, SMDM; First place award for best oral presentation, International HPV meetings. Primary advisor, thesis committee chair. Current position: Professor of Health Decision Science, Harvard T.H. Chan School of Public Health. Dean for Academic Affairs, Harvard T.H. Chan School of Public Health.

Julia Aledort, PhD: Doctoral Program in Health Policy, Harvard University. Infectious Disease Policy in the Era of Antibiotic Drug Resistance: Decision Analytic and Historical Perspectives. Recipient of a two-year National Library of Medicine training grant, a Novartis Training Fellowship Award, a Graduate Society Fellowship Award, and an Eliot Dissertation Completion Fellowship. Recipient of student research award, Lee Lusted Prize at SMDM, best oral research presentation, ISPOR International. Research advisor, thesis committee. Current position: Partner, Health Advances, LLC.

Sorapop Kiatpongsan: Doctoral Program in Health Policy, Harvard University. Incorporation of horizontal equity in strategic planning for scaling up maternal mortality interventions; Empiric evaluation of alternative modalities for translation of analytic research on maternal mortality to policy. Research advisor.

Caroline Korves, ScD: Doctoral Program in Epidemiology, Harvard School of Public Health. Birds, Bugs and Blood: Transmission and Policy Modeling of West Nile Virus. Research advisor. Current Position: Manager, Epidemiologist, Analysis Group, Inc; Adjunct Assistant Professor of Clinical Epidemiology, Columbia University Mailman School of Public Health.

Eve Wittenberg, PhD: Doctoral Program in Health Policy, Harvard University. Influence of qualitative attributes on preferences, development of a preference measurement instrument. Research advisor, thesis committee. Current position: Senior Research Scientist, Center for Health Decision Science, Harvard T.H. Chan School of Public Health.

Phaedra Corso, PhD: Doctoral Program in Health Policy, Harvard University. Evaluating Preferences for Health Risks Recipient of Lee Lusted Prize, National Meeting of Society for Medical Decision Making. Research advisor, thesis committee. Current position: Vice President for Research, Kennesaw State University, Director Economic Evaluation Research Group, College of Public Health.

David Fisman, MD: Infectious Disease Fellow, Beth Israel Hospital, AHCPR Fellow. Screening for herpes in monogamous couples, projecting the clinical and cost consequences of herpes in the US, health-related quality of life in patients with herpes. Three manuscripts published. Recipient of Glaxo Smithkline Young Investigator Award. Primary research advisor. Current position: Professor, Epidemiology Division Head, University of Toronto, Dalla Lana School of Public Health.

Feli Baldamu, MSc: Master Program in Health Policy and Management, Harvard School of Public Health. Development of a simulation model of HCV and HIV, Exploratory analysis of the costs and clinical benefits of treating HCV in HIV. Primary advisor and research mentor.

Larissa Roux, MD, MPH: Master of Public Health, Harvard School of Public Health. Cost-effectiveness analysis of interventions to decrease BMI in moderately obese women, quality of life in obese women 1 of 5 Finalists for the Ethan Sims Young Investigator Award, NAASO, Quebec. Research mentor. Current Position: Division of Nutrition and Physical Activity, CDC.

Yun-Hsin (Claire) Wang, ScD: Doctor of Science in Health Policy Program, Harvard School of Public Health. Epidemiology-based Forecasting for Health Policy: Applications to Obesity. Research advisor, thesis committee. Current Position: Assistant Professor in the Department of Health Policy and Management at the Columbia Mailman School of Public Health.

Sun-Young Kim, PhD: Doctoral Program in Health Policy, Harvard University. Cost-effectiveness and affordability of HBV vaccination in the Gambia. Recipient of the Novartis Training Fellowship Award. Research advisor, thesis committee. Current Position: Assistant Professor, University of Texas School of Public Health.

Chara Rydzak, MD, PhD: Combined MD/PhD Program, Harvard University. The Application of Decision Analytic Methods to Diverse Public Health Problems in Underserved Populations. Recipient of a training grant from the National Institute for Mental Health. Primary advisor, thesis committee chair. Current Position: Resident, Department of Radiology, Hospital of the University of Pennsylvania.

April Kimmel, PhD: Doctoral Program in Health Policy, Harvard University. Efficiency and Ethical Consideration in HIV Resource Allocation. Research advisor. Current Position: Assistant Professor, Department of Healthcare Policy and Research, Virginia Commonwealth University School of Medicine.

Nicole Gastineau Campos: Doctoral Program in Health Policy, Harvard University. Cervical cancer prevention: Using primary data to inform decision-making in developed and developing country contexts. Charles Wilinsky Award, Harvard School of Public Health. Thesis committee chair, primary advisor. Current Position: Senior Research Scientist, Center for Health Decision Science. Harvard T.H. Chan School of Public Health.

Rebecca Anhang Price: Doctoral Program in Health Policy, Harvard University. Adoption of New Medical Technologies: The Case of Cervical Cancer Prevention. Research advisor, thesis committee. Current Position: Policy Analyst, RAND Corporation.

Christina Dias: Master of Liberal Arts program, Harvard Extension School. Compulsory Primary Education and the Intergenerational Transfer of Debt Bondage in the Indian Agricultural Sector. Thesis advisor.

Matthew Miller, MD, MPH, ScD: Professor of Health Sciences and Epidemiology, Director of Undergraduate Health Sciences Program, Northeastern University. Former Associate Professor of Health Policy, Department of Health Policy and Management, Harvard School of Public Health.

Tiara M. Forsyth: Harvard Medical School. Doctor of Medicine candidate. Reproductive health education efforts for women and girls in resource-limited, Muslim-majority settings, particularly Afghanistan. Scholarly project advisor.

Cynthia Tassopoulos: Harvard College. Challenges and opportunities of urbanization in Brazil. Capstone research paper advisor.

Nigel Deen: Harvard College. Evaluation of alternative approaches to reducing maternal mortality in Sierra Leone. Secondary research advisor.

Nina Bhattacharya: Master of Science in Global Health & Population, Harvard T.H. Chan School of Public Health. Facilitators of Sustainable Women's Cooperatives: An Analysis of Women's Groups in Northern Tanzania. Secondary research advisor.

Other

DrPH student cohort: Serves as an informal mentor to Harvard T.H. Chan School of Public Health graduate students in the master's and DrPH tracks who have participated in the "Fundamental Concepts of Public Health" orientation courses. Between 10 and 15 master's and doctoral students meet regularly at the Global Health Education and Learning Incubator to share ideas, develop research thinking, and explore innovative approaches to learning and teaching about public health. Several of these students have gone on to work as teaching fellows for undergraduate general education courses.

Cambridge School of Weston senior faculty: Serves as an informal mentor to seven Cambridge School of Weston (CSW) faculty, who have collaborated with the Global Health Education and Learning Incubator to create an interdisciplinary curriculum on global and national health for high school students. The seven teachers collectively share years of teaching experience in the subjects of mathematics, science, history, English, and visual arts. Goldie has worked most closely with art teacher Tom Evans and algebra teacher Agnes Voligny, both of whom have participated in intensive faculty immersion residencies under supervision at the Incubator.

Selected Presentations

2024 Keynote speaker. "Conceptualising PH through a global health lens." PVRI 2024 Annual Congress London. London, England. February 1, 2024.

2021 Panelist. "Misinformation and Public Health." Dis/Misinformation: Perspectives and Pedagogies for Educators in the Post-Truth Era. Global Studies Outreach Conference (GSOC). Harvard University. July 27, 2021.

2020 Health Policy and Management Junior Faculty Mentoring Workshop. Harvard T.H. Chan School of Public Health. November 16, 2020.

2020 Panelist. COVID-19: Harvard College Courses Addressing Urgent Problems and Reaching Beyond the Classroom. Visitas 2020. Harvard College Program in General Education. Harvard University. April 13, 2020.

2020 Panelist. Book Talk. When Misfortune Becomes Injustice: Evolving Human Rights Struggles for Health and Social Equality. The Petrie-Flom Center for Health Law Policy, Biotechnology, and Bioethics at Harvard Law School. February 7, 2020.

2019 Gender in the Global Landscape. Speaker at Global Studies Outreach at Harvard University workshop for educators, "Gender Matters." Harvard University, Cambridge, MA. August 5, 2019.

2019 Symposium Honoring the Career of Dr. Milton C. Weinstein, PhD. Featured Speaker. Harvard T.H. Chan School of Public Health. Boston, MA. May 31, 2019

2019 Achieving UHC Through Primary Health Care: Reflection on Alma Ata at 40 from the Lancet Commission Translation and Implementation for Impact in Global Health on Investing in Health, Consortium of Universities for Global Health Conference. Chicago, IL. March 8, 2019.

2017 Voices in Leadership: Webcast Discussion Series, featuring Dr. Suraya Dalil. Invited faculty moderator. Harvard T.H. Chan School of Public Health, Boston, MA. November 29, 2017.

2017 The Center for Health Decision Science and Global Health Education and Learning Incubator impact on the teaching and learning at the Chan School, Health Policy & Management Executive Council, Boston, MA. October 25, 2017

2017 "Speaking the Same Language", invited special guest at the Methods and Case Studies workshop on benefit-cost analysis (BCA) in global health and development, held on November 2-3, 2017 at Harvard's Joseph B. Martin Center.

2016 Teaching Math for Social Justice. Workshop for high school students from Cambridge School of Weston. Cambridge, MA. June 6, 2016.

2015 Modular Mini-Course: Global Perspectives on Population Health. Cambridge School of Weston. Weston, MA. January 14 & 21, March 4, 2015.

2015 CFAR Urban Youth Graduation. Keynote Speaker. Cambridge, MA. May 6, 2016.

2015 Cost-effectiveness analysis at Harvard. Economic Evaluation in health: Cost Effectiveness and Beyond conference. Boston, MA. September 15- 17, 2015.

2015 Invited presentation on Global Health and Health Policy. Overseers Standing Committee on Social Sciences. Harvard University. March 29, 2015.

2014 Global learners, global learning: characteristics and pedagogies. Association of American Colleges and Universities (AAC&U) Global Learning in College: Cross-Cutting Capacities for 21st Century College Students. Keynote Address. October 16, 2014.

2014 Global public health in transition – opportunities for entrepreneurial innovation. Harvard Business School Innovations in Global Health Care ("BIG"). June 26, 2014.

2013 The Second Century Symposium: Transforming Public Health Education. Harvard School of Public Health. November 1, 2013.

2013 Emerging Agendas in Global Health Symposium. Harvard University. October 2, 2013

2013 Global health delivery systems. Global Advisory Council. Harvard University. Sept. 20, 2013.

2013 Measuring and evaluating health and development. GHP@50 Global Health Symposium. Harvard School of Public Health. April 25, 2013.

2013 Global health challenges and opportunities. Harvard University Board of Overseers Meeting. Harvard School of Public Health. February 3, 2013.

2012 New ways of thinking: financing decision-making and resource allocation. Harvard Ministerial Health Leaders' Forum. Harvard Kennedy School of Government. June 5, 2012.

2012 A global perspective on maternal mortality: analysis, advocacy and action. Second Annual Beatrice L. Pitcher, MD Lecture. Brigham and Women's Hospital. Boston, MA. April 17, 2012.

2011 Health as a global concern. HSPH Leadership Council on Global Health Security. October 21, 2011.

2011 World health: global concern and university priority. Harvard Business School. September 24, 2011.

2011 Insights from decision science about reproductive and maternal health: crossing disciplinary boundaries. Foundation Presidents Meeting on Population and Reproductive Health, MacArthur Foundation. Chicago, IL. May 17, 2011.

2011 Harvard PhD Health Policy Program. Harvard Law School. April 2011.

2011 Health and economic outcomes of strategies to reduce maternal morbidity and mortality. Faculty of Arts and Sciences and Harvard Global Health Institute. March 2011.

2010 John F. Kennedy, Jr. Forum Panel: Global Health Diplomacy. Harvard Kennedy School. December 6, 2010.

2010 Global health in the 21st century: challenges and opportunities. Grand Rounds, Albany Medical College. Albany, New York. November 11, 2010.

2010 Alpha Omega Alpha Visiting Professorship. Contextualizing policies to reduce maternal mortality. Albany Medical Center, Albany, NY. November 12, 2010.

2010 Global inequities in HPV vaccination: translating policy to action. Albany Medical College. Albany, New York. November 10, 2010.
2010 Prevention of cervical cancer: scientific success, public health failure. Harvard University, Faculty of Arts and Sciences. November 4, 2010.
2010 Sexually transmitted diseases with an emphasis on HPV. Harvard School of Public Health. October 12, 2010.
2010 Clinical impact, economic consequences, and cost-effectiveness of strategies to reduce maternal mortality. Harvard University, Faculty of Arts and Sciences. April 2010.
2010 Health and economic impact of HPV 16 and 18 vaccination to prevent cervical cancer in low- and middle-income countries. HPV Vaccine Advisory Committee, WHO. Geneva, Switzerland. April 27-29, 2010.
2009 HPV costing workshop. ProVac: tools for evidence-based decision on new vaccines. Pan-American Health Organization. Kingston, Jamaica. July 20-21, 2009.
2009 Evidence-based decision making about the introduction of new vaccines: the case of HPV in the context of rotavirus. Bill and Melinda Gates Foundation. Seattle, WA. April 21, 2009.
2008 Cervical cancer prevention with prophylactic vaccines against HPV 16 and 18 infection: health and economic outcomes. HPV Vaccine Advisory Committee, WHO. Geneva, Switzerland. July 8, 2008.
2008 Cervical cancer prevention policy models in developed countries. HPV Regional Reports International Meeting. Barcelona, Spain. February 7, 2008.
Cervical cancer prevention policy models in Latin America and the Caribbean. HPV Regional Reports International Meeting. Barcelona, Spain. February 8, 2008.
Cervical cancer prevention policy models in Asia and the Pacific. HPV Regional Reports International Meeting. Barcelona, Spain. February 7, 2008.
2008 Given limited resources, how can we save the most lives? TED. Monterey, CA. February 29, 2008.
2007 Decision science to inform health policy: the public health paradigm of cervical cancer prevention. Grand Rounds, Hospital of Saint Rafael. New Haven, CT. May 29, 2007.
2007 Analysis, advocacy and action: applying a decision analytic framework to maternal mortality. Consultation on Global Safe Motherhood Strategy. Chicago, IL. May 16-17, 2007.
2007 Edward C. Hill Lecture, Clinical benefits, public Health Impact, and cost-effectiveness of cervical cancer prevention: decision science to inform health policy. University of California, San Francisco. San Francisco, CA. May 8, 2007.
2007 Decision science to inform health policy: the case of HPV infection and cervical cancer. Dana Farber Cancer Outcomes Research Seminar. Dana Farber Cancer Institute. Boston, MA. March 13, 2007.
2006 Using decision analytic methods to assess the benefits, costs, and cost-effectiveness of new technology for cervical cancer prevention. Developing a Health Services Research Agenda on Emerging Cellular, Molecular, and Genomic Technologies in Cancer Care, NIH. Washington, D.C. December 8, 2006.
2006 Public health benefits and cost-effectiveness of strategies for cervical cancer prevention: Decision Science to inform health policy. Women in Government HPV and Cervical Cancer Summit. Washington, D.C. November 16-18, 2006.
2006 Analytics to inform cervical cancer control policy. AACR Frontiers in cancer prevention research. Boston, MA. November 15, 2006.
2006 Phyllis T. Bodel Lecturer, Decision science to inform health policy: the case of HPV infection and cervical cancer. Yale School of Medicine. New Haven, CT. October 25-27, 2006.
2006 Economic framework for vaccine introduction of Latin American and Caribbean Countries. PRO-VAC vaccine workshop. Washington, D.C. September 7, 2006.
2006 Cost-effectiveness of cervical cancer control. Plenary Speaker. 2nd American Congress of Epidemiology. Seattle, WA. June 21-24, 2006.
2006 Global challenge of chronic diseases: using decision analytic methods to inform health policy. PATH. Seattle, WA. May 2006.
2005 Strategies to synergize efforts for an HPV vaccine in developing countries; Cost-effectiveness of HPV vaccine in Tanzania. World Health Organization. Geneva. April 2005.
2004 Potential impact of waning of vaccine-induced immunity against HPV 16/18: implications for public health. International Papillomavirus Conference. Mexico. February 2004.
2004 Cost-effectiveness of cervical cancer screening in Kenya, India, Peru, South Africa, and Thailand. International Papillomavirus Conference. Mexico. February 2004.
2004 Cost-effectiveness analysis to inform prioritization of vaccination and screening interventions. Bill and Melinda Gates Foundation. Seattle, WA. February 2004.
2004 Health and economic impact of new technology for cervical cancer control. Reproductive Health Division. World Health Organization. Geneva. February 10, 2004.

2003 Future health policy initiatives: exploring the cost-effectiveness of HPV vaccination to prevent cervical cancer. Symposium on Human Papillomavirus and Immunotherapies: University of Cambridge, England. July 10-13, 2003.
2003 Applying the tools of mathematical modeling and decision science to global health diagnostics. Global Health Diagnostics Working Group. Bill and Melinda Gates Foundation. Seattle, WA. May 5-7, 2003.
2003 A comprehensive health policy initiative in women's health: cancer screening in South Africa, Kenya, Thailand, India and Peru. Bill and Melinda Gates Foundation. February 17, 2003.
2002 Health policy for HIV and AIDS. Grand Rounds and Infectious Diseases Seminar Series. University of Alabama. November 18, 2002.
2002 Using methods of decision science to improve reproductive health of women in developing countries. Grand Rounds. Zanmi Lasante, Cange, Haiti. August 15, 2002.
2002 Planning clinical studies of HIV disease in developing countries: developing cost parameters and cost-effectiveness models. National Institutes of Health. Washington, D.C. February 2002.
2002 Analysis, advocacy and action. Cervical cancer screening and reproductive health policy in developing countries. Seminar at the Fogarty Center for International Health and Development. September 16, 2002.
2001 Designing vaccine efficacy trials for a prophylactic HPV vaccine trial: Using a mathematical model to evaluate surrogate endpoints." FDA. Washington, D.C. 2001.
2001 Developing HPV Screening Policy in Developing Countries. World Bank. Washington, D.C. 2001.
2001 Health economics and mathematical models; HPV testing in primary and secondary screening; cost-effectiveness of HPV vaccines. Global Challenges and Opportunities in Cervical Cancer Prevention. Nice, France. 2001.
2001 New approaches in the prevention of HPV and cervical Cancer. 19th International Papillomavirus Conference. Health Economics and the Prevention Strategies for HPV. Florianopolis. Santa Catarina. 2001.
2001 Cost-effectiveness of HPV and cervical cancer prevention strategies. Development of a policy model for the control of HPV in developing countries. Bill and Melinda Gates Foundation and the Alliance for Cervical Cancer Prevention. 2001.
2000 Using simulation modeling to develop screening policy for HPV in developing countries; Cost-effectiveness of screening using a single lifetime HPV test in South Africa. 18th International Papillomavirus Conference. Barcelona, Spain. July 2000.
2000 Using simulation modeling to develop screening policy for chlamydia trachomatis in US sexually active men and women. Center for Disease Control and Prevention. September 2000.
1998 Projecting the cost-effectiveness of screening for HPV-induced anal neoplasia in HIV-infected homosexual and bisexual men. World AIDS Conference, Geneva.1998.
1998 Developing a model to incorporate longitudinal cohort data on the incidence and progression of HPV and cervical neoplasia. Center for Disease Control and Prevention. Atlanta, GA. 1998.
1997 Technology exchange: using risk and decision science modeling to understand HPV-induced neoplasia and subsequent cancer risk. Center for Disease Control and Prevention. Atlanta, GA. 1997.
1997 Projecting the societal costs and clinical benefits of screening for cervical neoplasia in HIV-infected women. University California San Francisco School of Medicine. San Francisco, CA. 1997.
1997 State transition modeling to extend the time horizon of clinical trials HIV epidemiology research study. Clinical Trial Rhode Island Site, Miriam Hospital. Providence, RI. October 1997.

Regional/National Continuing Medical Education Courses

1998-05 Core Faculty, Cost-Effectiveness Analysis for Medical Technology and Pharmaceuticals, Introduction to Advanced Modeling, Harvard School of Public Health.
1999 Course Instructor, 21st Annual Meeting for the Society of Medical Decision Making. Course Faculty, Advanced Methods in Decision Science, Reno, NV.
1998 Course Instructor, 20th Annual Meeting for the Society of Medical Decision Making. Pre-course Faculty, Advanced Methods in Decision Science, Boston, MA.
1996 Course Director and Instructor, 18th Annual Meeting, Society for Medical Decision Making, Integrating Medical Education and Medical Decision Making, Canada.
1995 Course Instructor, American Program Directors Internal Medicine National Meeting, Evaluating Clinical Competence, Atlanta, GA.
1995 Course Instructor, 17th Annual Meeting, Society for Medical Decision Making, Teaching Medical Decision Making, Tempe, AZ.

Teaching Awards

Favorite Professor of the Year by Harvard Class of 2021 (2021); Harvard College, Extraordinary Teaching Award (2020); Harvard T.H. Chan School of Public Health, Roger L. Nichols Award for Excellence in Teaching (2020); Harvard School of Public Health, Mentor Award (2011); Harvard University, GSAS Everett Mendelsohn Excellence in Mentoring

Award (2006); Harvard School of Public Health, Mentor Award (2004); Letter from the *Committee on Educational Policy* for course evaluations 6.0-7.0 (scale 0 to 7), Harvard School of Public Health (1999-2010); Outstanding Educator Award, Yale School of Medicine, *Quantitative Methods* (1997); Original Investigation Competition Award for Innovative Programs in Medical Education, American Program Directors Internal Medicine (1995).

Publication Bibliography

Original peer-reviewed articles

1. **Goldie SJ**, Kiernan L, Torres C, Gorban-Brennan N, Dunne D, Kliger A, Finkelstein F. Fungal. peritonitis in a large chronic peritoneal dialysis population. *Am J Kidney Dis*. 1996; 28:86-91.
2. Troidle L, Kliger A, **Goldie SJ**, Gorban-Brennan N, Fikrig M, Brown E, Finkelstein F. Continuous peritonitis dialysis - associated peritonitis of nosocomial origin. *Peritonitis Dialysis International*. 1996; 16:505-10.
3. Waxman AB, **Goldie SJ**, Brett Smith H, Matthay R. Cytomegalovirus as a primary pulmonary pathogen in AIDS. *Chest*. 1997; 111:128-34.
4. Graham JD, Thompson KM, **Goldie SJ**, Segui-Gomez M, Weinstein MC. The cost-effectiveness of airbags by seating position. *JAMA*. 1997; 278:1418-25.
5. Paltiel AD, Scharfstein JA, Seage GR, Losina E, **Goldie SJ**, Weinstein MC, Craven DE, Freedberg, KA. A monte carlo policy model of advanced HIV disease: application to CMV prevention. *Med Decis Making*. 1998;18 Suppl:S93-S105.
6. Graham JD, **Goldie SJ**, Segui-Gomez M, Thompson KM, Nelson T, Glass R, Simpson A, Woerner LG. Reducing risks to children in vehicles with passenger airbags. *Pediatrics*. 1998: 102(e3).
7. **Goldie SJ**, Freedberg KA. Diagnosis and treatment of *pneumocystis carinii* pneumonia: economic issues and cost-effectiveness. *Seminars in Respiratory and Critical Care Medicine*. 1999; 20(3):213-20.
8. Macones GA, **Goldie SJ**, Peipert JF. Cost-effectiveness analysis in women's health. *Obstet Gynecol Surv*. 1999; 54:663-72.
9. **Goldie SJ**, Weinstein MC, Kuntz KM, Freedberg KA. The costs, clinical benefits, and cost-effectiveness of screening for cervical cancer in HIV-infected women. *Ann Intern Med*. 1999; 130:97-107.
10. **Goldie SJ**, Kuntz KM, Weinstein MC, Freedberg KA, Welton M, Palefsky JM. The clinical-effectiveness and cost-effectiveness of screening for anal squamous intraepithelial lesions in homosexual and bisexual HIV-positive men. *JAMA*. 1999; 281:1822-9.
11. Golden M, **Goldie SJ.** Epidemiology of Pseudomonas aeruginosa in HIV-infected patients. *Infect Med*. 2000; 17:109-116.
12. **Goldie SJ**, Kuntz KM, Weinstein MC, Freedberg KA, Palefsky JM. Cost-effectiveness of screening for anal squamous intraepithelial lesions and anal cancer in human immunodeficiency virus-negative homosexual and bisexual men. *Am J Med*. 2000; 108:634-41.
13. Neumann PJ, **Goldie SJ**, Weinstein MC. Preference-based measures in economic evaluation in health care. *Annu. Rev. Public Health*. 2000; 21:1-25.
14. Mrus JM, **Goldie SJ**, Weinstein MC, Tsevat J. The cost-effectiveness of elective cesarean delivery for HIV-infected women with detectable HIV RNA during pregnancy. *AIDS*. 2000; 14:2543-52.
15. Stone P, Teutch S, Chapman R, Bell C, **Goldie SJ**, Neumann P. Cost-utility analyses of preventive services. *Am J Prev Med*. 2000; 19:15-23.
16. Wright TC, **Goldie SJ**, Cain JM, Howett MK. Screening for cervical cancer. *Science*. 2000; 290:1651.
17. Freedberg KF, Losina E, Weinstein MC, Paltiel AD, Cohen C, Seage GR, Craven DE, Zhang H, Kimmel AD, **Goldie SJ.** The cost-effectiveness of combination antiretroviral therapy for HIV disease. *N Engl J Med*. 2001; 344:824-31.
18. Weinstein MC, **Goldie SJ**, Losina E, Cohen CJ, Baxter J, Kimmel AD, Freedberg KA. Use of genotypic resistance testing to guide HIV therapy: clinical impact and cost-effectiveness. *Ann Intern Med*. 2001; 134:440-450.
19. Shireman TI, Tsevat J, **Goldie SJ**. Time costs associated with cervical cancer screening. *Int J Tech Assess in Health Care*. 2001; 17:146-152.
20. Fisman DN, Reilly DT, Karchmer AW, **Goldie SJ**. Clinical and cost-effectiveness of two management strategies for infected total hip arthroplasty in the elderly. *Clin Infect Dis*. 2001; 32:419-430.
21. Paltiel AD, **Goldie SJ**, Losina E, Weinstein MC, Seage GR, Kimmel AD, Zhang H, Freedberg KA. A pre-evaluation of clinical trial data: the case of pre-emptive Cytomegalovirus therapy in human immunodeficiency virus. *Clin Infect Dis*. 2001; 32:783-793.
22. **Goldie SJ**, Kuhn LK, Denny L, Pollack A, Wright TC. Policy analysis of cervical cancer screening strategies in low-resource settings: clinical benefits and cost-effectiveness. *JAMA*. 2001; 285:3107-3115.
23. **Goldie SJ**, Freedberg KA, Weinstein MC, Wright TC, Kuntz KM. Cost-effectiveness of human papillomavirus testing to augment cervical cancer screening in women infected with the Human Immunodeficiency Virus. *Am J Med*. 2001; 111:140-149.

24. Zanetti G, **Goldie SJ**, Platt R. Clinical consequences and cost of limiting use of Vancomycin for perioperative prophylaxis: example of coronary artery bypass surgery. *Emerg Infect Dis*. 2001; 7:1-15.
25. Yazdanpanah Y, Chene G, Losina E, **Goldie SJ**, Merchadou LD, Alfandari S, Seage GR, Sullivan L, Marimoutou C, Paltiel AD, Salamon R, Mouton Y, Freedberg KA. Incidence of primary opportunistic infections in 2 HIV-infected French clinical cohorts. *Int J Epidemiol*. 2001; 30:864-871.
26. Schackman BR, **Goldie SJ**, Weinstein MC, Losina E, Zhang H, Freedberg KA. Cost-effectiveness of earlier initiation of antiretroviral therapy for uninsured HIV-infected adults. *Am J Public Health*. 2001; 91:1456-1463.
27. **Goldie SJ**, Levin AR. Genomics in medicine and public health: role of cost-effectiveness analysis. *JAMA*. 2001; 286:1637-1639.
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