The concentration in Community and Global Health provides students with an array of disciplinary analytical frameworks for understanding the complexities of population health and offers opportunities to integrate and apply these frameworks through coursework, civic engagement, and independent research. The issues, theories and methodologies presented in this concentration educate students in critical and quantitative reasoning, writing and integrative learning.

Core Faculty

Ron Barrett, associate professor of anthropology and director of the program, is a medical anthropologist and registered nurse with research interests in the social aspects of infectious disease, religious healing and end-of-life issues. His book *Aghor Medicine: Pollution, Death, and Healing in Northern India* is based on his research on religious healing and the social stigma of leprosy in the North Indian pilgrimage city of Banaras. He teaches introductory and advanced medical anthropology courses, Death and Dying, and seminars on infectious diseases.

Vittorio Addona, associate professor of math, statistics, and computer science, completed his PhD in statistics at McGill University. In the field of survival analysis, he developed inferential procedures for an incidence rate by following up subjects identified through a prevalent sampling scheme. He also worked as a statistical analyst in the Center for Clinical Epidemiology and Community Studies at the Jewish General Hospital in Montreal. He teaches Epidemiology and Survival Analysis.

Eric Carter, associate professor of geography, holds the Edens Professorship in Global Health and has connected interests in people-environment geography and historical geography, and a regional focus on Latin America. His geographical research takes an interdisciplinary approach, bridging the realms of international development, global health, and environmental studies. He teaches courses in the areas of medical geography, geography of environmental hazards, and advanced geographic information systems (GIS) for health applications.

Devavani Chatterjea, associate professor of biology, completed her doctoral and post-doctoral training at the Stanford University School of Medicine. She studies the intersection of allergies and chronic pain in animal models of inflammation induced by environmental toxins. Her work is funded by the National Institute for Allergy and Infectious Diseases. She teaches Introduction to Community and Global Health and Immunology. Professor Chatterjea will be on teaching leave in spring 2017.

Christy Hanson, associate professor of international studies, completed her doctoral training at Johns Hopkins University in health policy. Before coming to Macalester, she worked for USAID in leadership positions in infectious disease control and neglected tropical diseases with a focus on targeting poverty-related mechanisms of disease prevalence. She teaches Introduction to International Public Health; and Poverty, Health, and Development.

Elizabeth Jansen, visiting assistant professor of biology, is a neuroscientist with interest in injury-induced and experience-induced neural plasticity in development. She teaches Women, Health, and Reproduction and courses in neuroscience. Professor Jansen serves as the biology faculty liaison to the Science and Research Office, and is director of the Taylor Health Shadowing Fellowship, the Taylor Public Health Summer Fellowship, and the Winter Mann-Hill Fellowship.

Jaine Strauss, professor of psychology, completed her doctoral and post-doctoral training at the University of Rochester with a primary focus on adolescent health. Her most recent work focuses on the psychosocial correlates of obesity in teens and media influences on snack food consumption. Professor Strauss’s research has appeared in such journals as *Journal of Abnormal Psychology, Journal of Consulting and Clinical Psychology, International Journal of Eating Disorders, and Psychology of Women Quarterly*. She teaches Health Psychology; Distress, Dysfunction, and Disorder; and Community Psychology and Public Health.

Steve Sundby, instructor and laboratory supervisor, is a microbiologist with an emphasis on virology. He has a special interest in helping students pursue health-related careers. He teaches Microbiology annually and Virology and Introduction to Community and Global Health whenever possible.

Selected Core Courses

ANTH 239 Medical Anthropology
BIOL 116 Community and Global Health: Biological Paradigms
GEOG 256 Medical Geography: The Geography of Health and Health Care
INTL 282 Introduction to International Public Health
MATH 125 Epidemiology
PSYC 380 Community Psychology and Public Health
Special Opportunities
Macalester regularly sponsors student internships and study abroad experiences related to community and global health. Macalester’s summer Taylor Public Health Fellowship and the Winter Mann-Hill Fellowship support students doing substantial public health research in U.S. and international venues.

Selected Study Away Programs with a Focus on Community Health
CIEE Study in Khon Kaen: Community Public Health, Thailand
Boston University Geneva Internship Program in Public Health
ACM Costa Rica: Community Engagement in Public Health
DIS in Copenhagen: Public Health
Alliance for Global Education: Global and Public Health, Manipal, India
SIT Chile: Public Health, Traditional Medicine, and Community Empowerment
MSID: International Development in Senegal

Selected Internship Sites
American Red Cross
Center for Victims of Torture
Clare Housing
Community-University Health Care Center
Family Tree Clinic
La Clinica
Leonard Davis Institute of Health Economics
Minnesota Center for Bioethics
Minnesota Department of Health
National Alliance on Mental Illness–Minnesota

Selected Senior Projects
Wynonna Ardiansyah ’16 (Jakarta, Indonesia), “Capacity Building to Tackle Food Insecurity”
Mariah Carray’16 (Oakland, Calif.), “Tackling Tuberculosis and Expanding Social Protections in Ghana”
Nita Chai ’16 (Apple Valley, Minn.), “Mapuche Traditions in Modern Chilean Childbirth Practices”
Matthea Roemer ’16 (Lehighton, Pa.), “Implementing a Regional Nutrition Program in Rural Senegal”
Abby Wiersma ’16 (Scandinavia, Wis.), “Reducing Health Disparities for Refugee and Immigrant Communities in the Twin Cities”
Francesca Zepeda ’16 (San Francisco), “Explorations in Health Literacy: the Promotores Model”

After Macalester
Kevin Dowling ’16 (Hillsborough, N.J.) will work at Massachusetts General Hospital as a clinical research coordinator for a project on folic acid and schizophrenia.
Omar Mansour ’16 (Salt, Jordan) will study epidemiology at Johns Hopkins University.
Tess Van Schepen ’16 (Cranston, R.I.) works in the office of Senator Al Franken.
Issa Ali ’15 (Minneapolis) is studying chronic disease epidemiology at Yale University.
Jyothi Dhanwada ’15 (Cedar Falls, Iowa) is working as an analyst with Optum, Inc., for a few years before considering a MPH/MBA joint degree to blend her interest in health, policy and law.
Anne Gavin ’15 (St. Paul) is conducting research in Malta, Italy and Greece through a Fulbright-Schuman European Union grant.
Abas Noor ’13 (New Hope, Minn.) is in medical school at Brown University.

Visitors
Experts from the School of Public Health at the University of Minnesota, the Minnesota Department of Health, St. Paul Healthcare for the Homeless, and Children’s Heartlink International visited campus to speak with current students interested in public health.

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