



HEALTHMATTERS

Developing the Public Health Leaders of the 21st Century



2012 ANNUAL REPORT
UW SCHOOL OF PUBLIC HEALTH

FROM *the* DEAN

Developing the Public Health Leaders of the 21st Century

Meeting the public health challenges of the 21st century—among them chronic diseases, climate change, healthcare costs and policy, equitable access to health care—will require innovators and visionaries. It will also require hands-on practitioners who can budget, communicate, and advocate for and among many diverse communities. It will require researchers who can adapt and collaborate in times of rapid change. It will require teachers and scientists who can work across multiple disciplines. It will require a global perspective.

Within this publication, you will learn how our School of Public Health is nurturing, training, teaching, and engaging the people who will meet those challenges. You will learn about the research we are doing that will inform the practice of public health for years to come. And you will learn about the impact of our work here and now.

Welcome, and enjoy.



Howard Frumkin
Dean, UW School of Public Health

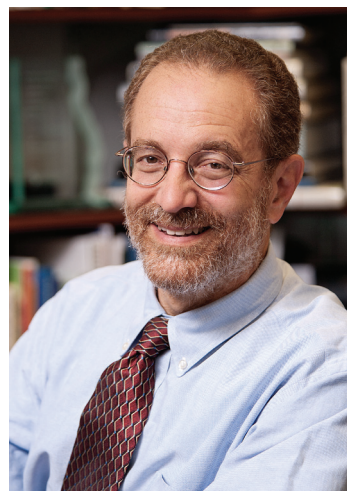


Photo: Mary Levin

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SCHOOL *of* PUBLIC HEALTH

Vision

Healthy people in sustainable communities—locally, nationally, and globally.

Mission

The UW School of Public Health is dedicated to *education* to prepare outstanding, innovative, and diverse public health leaders and scientists; *research* to advance public health science and policies; and *service* to promote the health and well-being of communities locally, nationally, and globally.

Values

Integrity	Adhere to the highest standards of objectivity, professional integrity, and scientific rigor.
Collaboration	Nurture creative, team-based, and interdisciplinary approaches to advancing scientific research and knowledge, and improving population health.
Impact	Evaluate the effectiveness of our efforts, assess if we have made a difference, and learn from our experiences.
Innovation	Create innovative approaches to educating and inspiring students and to answering important public health questions.
Diversity	Embrace and build on diverse perspectives, beliefs, and cultures to promote public health.
Equity	Promote equity and social justice in defining and addressing health and health care.
Excellence	Recognize our school-wide strengths and the contributions of our faculty, staff, and students.
Stewardship	Practice careful stewardship of the trust and resources invested in us.
Courage	Bring courage, passion, and perseverance to advance public health principles in policy discourse.

Strategic Plan

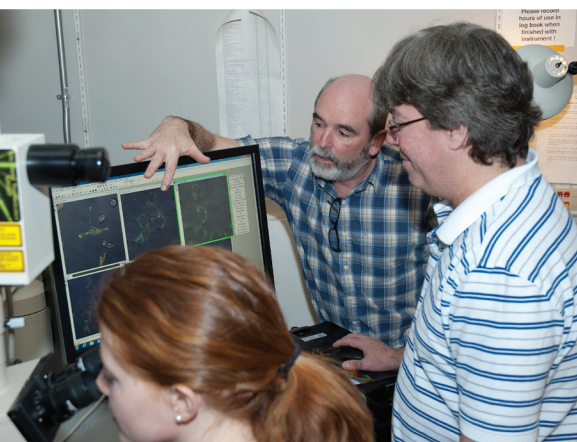
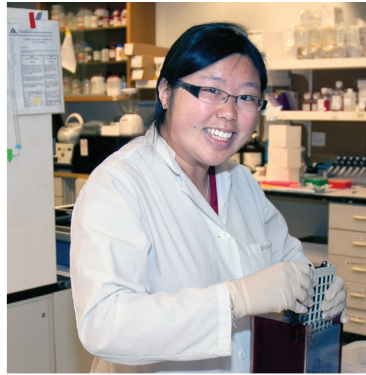
In 2012, the School of Public Health launched a strategic plan to strengthen its core activities and address future public health challenges. Below are its priorities:

Strengthen Our Core Activities

- Strengthen our Teaching
- Strengthen our Research
- Strengthen our Collaborations with Community Partners
- Globalize the School
- Improve our Diversity
- Enhance our School Community
- Promote the School

Meet Emerging Challenges

- Dissemination and Implementation Science
- Genomics and Public Health
- Global Environmental Change and Human Health
- Health Policy and Health Systems
- Obesity, Food, Physical Activity, and Health
- Social Determinants of Health



Photos: top row, l to r: Jon Sharpe, Sarah Fish, Kathy Hall
bottom row, l to r: Sarah Fish, Laurie Robertson, Elizabeth Sharpe

Diverse
communities,
perspectives,
and ideas enhance
learning...

“ *The complex nature of public health problems will continue to challenge the public health workforce of the 21st century.* ”



Photo: Courtesy of Maxine Hayes

MAXINE HAYES, MD, PhD, MPH
State Health Officer,
Washington State Department of Health
Clinical Professor,
Department of Health Services

There will be no simple solutions to the global burden of chronic disease, including mental health disabilities, which are often the root causes of behavioral choices. Political, social and economic factors influence the outcome. Influencing policies in these areas will be challenging. Public health success will depend on effective teamwork and forging partnerships to find solutions.

Communication skills, data analysis, policy development, coalition building, and public engagement are keys to making strategic connections that improve or maintain health. Understanding and using social media will be vital in the 21st century as tools to tell important public health stories and directly connect with people in communities.



The Public Health Major Plants Seeds *for* Future Leaders

Diverse Undergraduate Students Can Lead Fight Against Health Disparities

THE PUBLIC HEALTH MAJOR IS BIGGER, better and more diverse than ever.

The number of students majoring in public health has doubled—to more than 200—less than a year after the undergraduate program moved to the School of Public Health in March 2012. Previously, students were part of the Individualized Studies program within the College of Arts and Sciences.

“It sounds more distinguished now and gives it a sense of home,” said Nicole Rover, a senior from Snohomish, WA, who is pursuing a double degree in public health and dance studies. Rover said her previous advisers at the College of Arts and Sciences were great, but she felt isolated. “I feel there’s a lot more support now because you’re surrounded by like-minded public health students and faculty,” she said.

Enrollment in the undergraduate public

health program—historically capped at 100—jumped to 150 in Fall 2012. With 64 new admissions in Winter 2013, it now tops 210. The expansion, coupled with increased outreach and recruiting, has made the school more diverse: This winter, more than a third of incoming students were from under-represented groups such as African-Americans and Hispanics/Latinos. Previously, those groups made up less than 15 percent of students.

“Interest has skyrocketed, and it has been one of the most competitive majors,” said Dr. Sara Mackenzie, director of the undergraduate public health program and a clinical instructor in Health Services.


The major takes an interdisciplinary approach, with coursework from anthropology and biostatistics to geography and psychology. Students learn what affects the health of populations and gain the tools needed to



understand the causes and spread of disease, how to reduce risk factors and how to promote healthier communities.

“We’re teaching students critical thinking skills using the context of public health,” Mackenzie said. Graduates take entry-level jobs at non-profit agencies and health departments, volunteer for the Peace Corps or Teach for America, go into advocacy, or pursue advanced degrees that prepare them for research, academia or clinical work in the medical, dental, nursing or pharmaceutical fields. “Our graduates bring a public health framework into other professions,” Mackenzie said.

A new “holistic admissions” process takes into account a student’s background and future plans in addition to more typical criteria such as GPA. “We can craft a class instead of making a decision based on numbers,” said Susan Inman, program and advising manager for the public health major. The School can’t consider race or ethnicity, she said, but it can consider if someone comes from a migrant community and wants to return to work there.

A diverse workforce is important for addressing the range of health disparities in society, including poor access to health care in some neighborhoods. “Students from a range of backgrounds will go back to their communities and work with diverse populations.” Mackenzie said. “The more training we can provide for people of all ethnic, economic and social backgrounds, the more likely they are to improve health for all.” 

*Photo, opposite page: Laurie Robertson
this page: Courtesy of Amina Ramadan*

by the numbers...

210 total undergraduate public health majors, Winter 2013

33% of incoming public health majors were from under-represented groups



the next

GENERATION

AMINA RAMADAN

Major: Public Health

Minor: Global Health

“I really want to do my part on pressing social-justice issues. I spent four weeks in India studying why women hold more managerial and leadership positions in some institutions than in the US.”



the next GENERATION

MOHAMED ABDILLAHI
Major: Environmental Health

Mohamed Abdillahi visited the Broad Street pump in London, where modern epidemiology began. Dr. John Snow linked a cholera outbreak in 1854 to the water supply. Abdillahi was in the UK on a four-week exploration seminar.

“I want to be a part of the solution in making people’s lives better. I chose Environmental Health because the environment can dictate our health and also be detrimental to it.”

Photo above: Courtesy of Mohamed Abdillahi

undergraduate DEGREE OPTIONS

Majors

The *Public Health* major introduces students to the causes and risk factors for disease and teaches them to evaluate health care programs and develop interventions to address health issues.

Students in the *Environmental Health* major learn to identify, prevent and control environmental factors that threaten human health. The major prepares students for careers such as environmental health specialist, occupational health and safety manager, and public health adviser.

Health Informatics and Health Information Management prepares students to analyze and manage health information and patient data in health care organizations, consulting firms, government organizations, research, software, technology, development, and marketing.

Minors

Global Health. The program is designed to prepare students to be part of a global workforce that will reduce and eliminate poverty and health inequality. Students come from 28 different majors throughout campus, emphasizing its interdisciplinary nature.

Environmental Health. The minor is designed to help students understand the basic influences and impact of various environmental factors on human health.

community service award

The 2012 Martin Luther King, Jr. Community Service Award was given to PhD student Vanessa Galaviz (top row, left) for her outreach work in Seattle and San Diego, CA.

research experience

The nine-week summer Environmental Health Research Experience Program gives students a chance to work in the laboratories of leading scientists. Outstanding students from disadvantaged or under-represented groups are encouraged to apply for the competitive program. In 2012, 10 students were chosen from a record 300 applicants.



sacnas conference

Master's student Samantha Serrano talks with a participant from the Society for Advancement for Chicanos and Native Americans in Sciences (SACNAS) at its annual meeting in Seattle (top row, right). Three hundred students visited the UW on the first day of the conference.



Photos: top row, 1 to r: Courtesy of Vanessa Galaviz, Sarah Fish; bottom row: Vanessa Galaviz; at left: Elizabeth Sharpe

hosting

HIGH SCHOOL STUDENTS

The School of Public Health hosted local students from Cleveland High School through Campaña Quetzal, a program for Latino youth (photo above).

Expanded Recruitment Pays Off

On the top shelf of Susan Inman's office are 28 colorful mugs of different shapes and sizes. They're from community colleges and technical schools across the state. Inman needs to collect just six more, and then she'll have visited every one of the 34 such schools in Washington.

Inman's visits are part of an effort by the School of Public Health to expand recruitment into more diverse communities, from community colleges to migrant assistance programs. The aim is to raise awareness about the value of an education in public health.

"Reaching into those communities is necessary to find the leaders who will be able to improve public health in the future," said Inman, program and advising manager for the School's new public health major and former undergraduate program manager for the Department of Environmental and Occupational Health Sciences. Many of these students—like Inman herself—are first-generation college students. Many come from under-represented ethnic groups and communities that typically suffer from poorer health outcomes.

Tory Brundage, student adviser and outreach coordinator, likens his work to "planting seeds." A former UW campus tour guide and senior admissions counselor, Brundage meets regularly with colleagues in other university offices, from Admissions to Minority Affairs and Diversity. Over the course of a year, UW representatives will visit virtually every high school in the state. Brundage arms them with talking points on potential careers in public health.

In the fall, Brundage met with 26 UW students taking part in the College Assistance Migrant Program, better known as CAMP, a federally funded program for first-year students from migrant or seasonal-worker communities. CAMP offers support from tutoring to financial aid.

Last summer, 30 students from disadvantaged backgrounds in the Yakima Valley came to explore careers in health care under a program called ConneX. "We're trying to reach out to audiences we haven't reached before—under-represented people whose communities we serve," said Deb Hinchey, the School's director of Student Affairs. 🐼



SUSAN INMAN WITH THE MUG COLLECTION SHE GATHERED ON VISITS TO COMMUNITY COLLEGES AND TECHNICAL SCHOOLS IN WASHINGTON STATE. 30% OF UW STUDENTS COME FROM COMMUNITY COLLEGES.

by the numbers...

\$5,000

for peer-to-peer tutoring for students from under-represented populations.

5 departments

Biostatistics

Environmental and Occupational Health Sciences

Epidemiology

Health Services

Global Health

5 interdisciplinary degree programs

Health Administration

Maternal and Child Health

Nutritional Sciences

Pathobiology

Public Health Genetics

Photos at right: Jeff Hodson; background: Mark Sauerwein/photos.com

JOSÉ CARMONA

Major: Public Health

“I’m excited about being part of the School of Public Health,” said Carmona, the son of agricultural workers in Wapato, in eastern Washington’s Yakima Valley. “There are more students of color now.”



the next

GENERATION

José Carmona hopes a degree in public health will help him better educate his community about staying healthy. He first learned of the major as a work-study student in the College Assistance Migrant Program (CAMP), based in the UW Office of Minority Affairs and Diversity.

Carmona is concerned about relatives with chronic diseases such as diabetes who are reluctant to seek health care because they don’t trust doctors. “I hope to understand more about diseases and health in general so I can go back and tell my family and others,” Carmona said.

He’s interested in becoming a family doctor or working in pediatric medicine. Carmona volunteered last year at Seattle’s Olympic View Elementary School, teaching math. “Wherever I go,” he said, “I feel like I’m going to end up helping people.”

Putting theory
into practice,
influencing
policy...

“ *We are living in a time of change in public health, where we must protect our hard-fought successes in communicable disease and maternal child health, but also recognize that a shift has occurred, that the leading causes of death and illness are now heart disease, cancer, and stroke.* ”



Photo: Courtesy of David Fleming

DAVID FLEMING, MD
Director and Health Officer
at Public Health-Seattle
& King County
Clinical Associate Professor,
Department of Epidemiology
Member, Dean's Council,
UW School of Public Health

At the same time, we need to appreciate that our work now takes place in an external environment of declining budgets, distrust in government, and health care reform, all of which are driving new needs and competencies to do things right.

To deliver value on the resources and responsibilities we have been entrusted, we need a better-managed public health workforce made up of business experts who can do more with less, program-centered epidemiologists to better measure program products, practice-oriented researchers to conduct studies to improve practice, and clear, persuasive communicators. And confronting the epidemiologic shift requires a workforce with a new set of skills and competencies so that we do the right things to address emerging challenges effectively.

We need adaptive leaders comfortable with a level of ambiguity, policy experts in advocacy and influence, anthropologists to identify place-based strategies, health care experts to integrate public health and health care delivery, and economic and community development experts to create healthy communities. Only by doing things right AND doing the right things will we be able to carry forward the public health legacy of improving health and well-being for all.



The Graduate MPH Practicum: Foothold *for* Careers



Photos. l to r: Courtesy of Department of Global Health and Amy Mercer

HANDS-ON EXPERIENCE AND A CHANCE to apply what students learned—that’s what the School’s MPH practicum is all about. It’s an essential part of the graduate experience, requiring students to perform at least 120 hours of field work with an agency or coalition doing public health work.

The practicum also provides crucial connections with public health professionals, giving students insight into the field as well as a head start on getting a job. “It’s their foothold into their new direction and career,” said Amanda Graybill-Pennington, assistant director of student affairs. “It’s a really great networking opportunity.”

Since 2010, SPH students have worked with 142 agencies from the Puget Sound region to Peru. Graybill-Pennington is adding to the list. The newest partners include grassroots groups and small non-profit agencies such as the Hope Heart Institute and the Cascade Bicycle Alliance. “They only have five employees,” she says of the bicycle alliance, “but they design safe routes to school. That’s public health work.”

The practicum also benefits the agencies. Graduate students often carry out much-needed research, needs assessments or evaluations. Some create health promotional materials or analyze data. “It’s an important

role. They're our face to the community. It's their chance to help make a difference," said Graybill-Pennington.

Jill Schulte, an MPH student in Environmental and Occupational Health Sciences, worked with King County's Equity and Social Justice Initiative in 2012, analyzing traffic density and comparing it to demographic data. Among her findings: neighborhoods with increased traffic (and the ones with more air and noise pollution) were also the ones with lower household incomes and less English proficiency. Those neighborhoods also had more people of color, according to Schulte.

County officials always suspected an association, Schulte says. Now they have hard data to back it up, which will strengthen their policy-making.

"Her research and analysis have been an excellent contribution—and really helped King County more comprehensively understand how traffic pollution levels relate to demographics," said Richard Gelb, Schulte's site supervisor at the county. Schulte said she chose the project because of her interest in using GIS (Geographic Information Systems) in environmental health research, especially air quality.

Graybill-Pennington says the MPH practicum has been streamlined and better coordinated across the School's departments, and fewer exemptions are granted to students who want to opt out. Most of the approximately 160 MPH students will do their projects in the summer. "The goal is to create a more robust and consistent experience," she said. 🍌

MPH degree tracks

Biostatistics

- Environmental and Occupational Health Sciences
 - Environmental and Occupational Health
 - Occupational & Environmental Medicine

Epidemiology

- General Focus
- Global Health
- Maternal Child Health

Executive MPH Program

Global Health

- General Focus
- Health Metrics and Evaluation
- Leadership, Policy, and Management
- Peace Corps Master's International

Health Services

- General Focus
- Community-Oriented Public Health Practice
- Health Systems and Policy
- Maternal & Child Health
- Social & Behavioral Sciences

Nutritional Sciences

Public Health Genetics



Photo: Courtesy of Jill Schulte

MPH STUDENT JILL SCHULTE WITH HER AIR SAMPLING EQUIPMENT IN SOUTH SEATTLE

children's nutrition

Elizabeth Payne's practicum provided the opportunity for her to work with some of the foremost experts in their fields—and to see first-hand how a public health agency interacts with its community partners.

"That's something you just don't get in school," said Payne (below), a 2011 graduate of the dual MPH-RD (Registered Dietician) program in Nutritional Sciences (Graduate Coordinated Program in Dietetics).

Payne spent four months with Public Health – Seattle & King County in 2010 studying healthy child-care policies from across the country. When her practicum was done, she had compiled enough research to make recommendations for the county and state on best practices for improving nutrition and physical activity in child-care settings.

She was also given a great overview of the agency's innovative work, she says, and was invited to sit in on meetings to see how staff engaged with community partners. "Getting to see how public health actually happens was just incredible," Payne said.

After her practicum, Payne was offered a temporary position with the UW Center for Public Health Nutrition. Now, she's a full-time research coordinator with the center, where she continues to work on the policy and environmental aspects of improving nutrition and physical activity in child care.

Photos, l to r: Jeff Hodson, Stockbyte/photos.com, Courtesy of Amy Mercer, Viktor Fischer/photos.com



making connections

Amy Mercer's practicum allowed her to design a program to improve nutrition education at an elementary school. The more students learn about healthy food, the less likely they are to become obese, a condition that can lead to a variety of health problems later in life.

Mercer (below) thought of fun ways for kids to learn, such as relay races involving choices about healthy foods.

Her practicum through Washington State University's Pierce County Extension also gave Mercer a chance to work with Karen Barale, a leading dietitian. Barale, who supervised Mercer, later wrote a letter of reference that helped Mercer obtain a part-time job teaching nutrition to third-grade students in Snohomish County while she finished her MPH studies in public health nutrition.

After graduation, Mercer landed two jobs in Boise, ID. Since August, she's been an oncology dietitian for St. Luke's Health System, helping cancer patients through treatment and educating survivors on healthy food choices to help prevent recurrence. She also works part-time as an independent contractor for the Idaho State Department of Education, providing training to staff of child-nutrition programs.

Those who hired Mercer took notice of her practicum experience. She said, "They were definitely interested in the fact that I'd done education with children and adults."





Photo: UW Department of Global Health/GO Health

real-world EXPERIENCE

A team of graduate students have gotten real-world experience under a global health program called START (Strategic Analysis, Research and Training). Led by faculty Judd Walson and Lisa Manhart, the program features a dozen students who conduct research and analysis with guidance from faculty and staff across disciplines. Projects have covered topics such as child mortality and pneumonia, while partners have ranged from non-profit organizations and industry to universities and government ministries. START is a collaboration between the Department of Global Health and the Bill & Melinda Gates Foundation.

health services

FOR INMATES

Community-Oriented Public Health Practice students prepared a rapid turn-around policy paper for Public Health - Seattle & King County to advise it on how to finance jail health services and ensure continuity of health care due to changes under the Affordable Care Act.



students protect COASTAL WATERS

Several former grad students contributed to a resolution passed by the American Public Health Association, urging stronger protection for coastal waters. Students worked on the resolution as part of their MPH training. "We learned a great deal in class about how various kinds of pollution are threatening the waterways surrounding the United States, and realized there were policy solutions to that problem," said Peter Blackburn, who graduated in June.



Photos: top row: Courtesy of Department of Global Health; bottom: J. Martin Grassley

by the numbers...

142

Since 2010, students have completed practica in 142 agencies, from Puget Sound to Peru.

Excellent science,
great scientists...



Photo: Courtesy of Arthur Kellermann

ARTHUR L. KELLERMANN, MD, MPH

Paul O'Neill Alcoa Chair in Policy Analysis,
RAND Corporation

2012 School of Public Health Distinguished Alumnus
(MPH, Health Services, 1985)



Public health leaders of the 21st Century will need the following skills:

- Mastery of computers and increasingly, handheld mobile devices and the apps they use (social networking, various platforms and communication modalities) for data collection, health promotion and bi-directional crisis communication.
- The fundamentals—core mastery of the key concepts and cognitive skills of public health: epidemiology, biostatistics, infection control, health promotion, etc.
- Advocacy skills—one-on-one, public speaking, new and old media. If you can't make your case to the public and policy-makers, you can't do your job. Self-defense/survival skills required as well (verbally, if not literally!). Many aspects of public health are controversial and can be professionally if not personally hazardous.
- The ability to look over the horizon and see will-be emerging opportunities and threats.

In the coming years, they will need to address the major threats to public health:

- Global climate change and the many consequences it will cause.
- Water and food security, compounded by global climate change.
- Emerging and re-emerging infectious disease threats, compounded by growing antibiotic resistance.
- The growing rejection of science—public health and otherwise.
- Insolvency of the United States, due in no small part to the relentless growth of health care costs.





Global Burden *of* Disease

Study Finds Major Shifts in Global Health Trends

PEOPLE ACROSS THE WORLD ARE LIVING longer but suffering from more disability, pain and injury. While infectious diseases are claiming fewer lives, chronic diseases such as cancer and diabetes are on the rise.

These were some of the key findings from the Global Burden of Disease Study 2010, a worldwide collaborative research effort led by Dr. Christopher Murray, professor of global health and adjunct professor of health services. The study was published in the British journal *The Lancet* in December 2012 in a landmark

triple-issue featuring seven scientific papers and numerous commentaries.

The report provides a comprehensive picture of human illness and death worldwide, and will be of immense value to policy-makers, public health practitioners and the future generation of public health leaders.

“We’re finding that very few people are walking around with perfect health and that, as people age, they accumulate health conditions,” said Murray, executive director of the UW Institute of Health Metrics and

Photos above: background: Comstock Images/photos.com; insets, counter-clockwise starting in upper left: Courtesy of IHME; Kathy Hall; Courtesy of Department of Global Health, Courtesy of Department of Global Health, Gerry Croteau; ©2009 Stewart Hopkins, UW database; Sarah Fish; Courtesy of Department of Global Health

Evaluation, which coordinated the study. “At an individual level, this means we should recalibrate what life will be like for us in our 70s and 80s. It also has profound implications for health systems as they set priorities.”

Work on the study began in 2007. The six other collaborators were Harvard School of Public Health, Johns Hopkins Bloomberg School of Public Health, the University of Queensland, University of Tokyo, Imperial College London and the World Health Organization. The study, funded by the Bill & Melinda Gates Foundation, involved nearly 500 authors from more than 300 institutions and 50 countries.

Researchers gathered more data than has ever been amassed for a health study.

—continued on page 22

THE TEAM LEADS AND COUNTRY DIRECTORS FOR THE INTERNATIONAL TRAINING AND EDUCATION CENTER FOR HEALTH (I-TECH), PART OF THE DEPARTMENT OF GLOBAL HEALTH, WORK ON PROJECTS IN MORE THAN 20 COUNTRIES.



rising STAR

ABRAHAM FLAXMAN
Assistant Professor,
Department of Global Health

Abraham Flaxman learned to love analyzing big sets of data when he worked at Microsoft. Now he uses that passion to fill in huge holes missing from global health data. His innovations—including the creation of a computer model estimating the prevalence of more than 200 diseases—earned him one of MIT’s *Technology Review* “35 Innovators Under 35” awards.

Flaxman’s work was crucial in producing the recent Global Burden of Disease Study 2010, published in *The Lancet* in December 2012. “We’re trying to measure the world’s health, but there are great gaps in our knowledge,” says Flaxman, who is based at the UW Institute for Health Metrics and Evaluation. “We can fill them through additional surveys, by asking questions and getting answers, but that’s very slow, expensive and resource-intensive. The other way to fill those gaps is through models and estimates. Mathematics gives you the tools to make those estimates.”

Photos: left: I-TECH/Tom Furtwangler
above: Courtesy of IHME

—continued from page 21

They used vital registration systems, surveys, censuses and a meta-analysis of all available randomized controlled trials to create a database covering everything from AIDS to zinc deficiency. New analytical tools were developed to fill gaps in the data for countries where information was sparse.

Some key findings:

- Child mortality has decreased;
- Injuries and mental health conditions are increasing;
- Deaths of individuals between ages 15 and 49 have increased 44 percent, partly because of increased violence and the ongoing challenge of HIV/AIDS;
- Malnutrition has been cut by two-thirds, but obesity, high blood pressure, and tobacco and alcohol use are increasing;
- The top 10 rankings of causes of death have changed, with diseases such as diabetes and lung cancer moving up and diarrhea and TB moving down.

Ischemic heart diseases and stroke remained the two greatest causes of death between 1990 and 2010, but all other rankings in the top 10 changed.

Sub-Saharan Africa was an exception to the trends. There, infectious diseases, childhood illnesses and maternal causes of death accounted for as much as 70 percent of the burden of disease. While the average age of death rose more than 25 years throughout Latin America, Asia and North Africa between 1970 and 2010, it rose by less than 10 years in sub-Saharan Africa. 🌱

HIV studies

Researchers at the UW International Clinical Research Center played a key role in the US Food and Drug Administration's approval of an antiretroviral drug that helps prevent someone from acquiring HIV. Faculty Connie Celum and Jared Baeten led a study, published in the *New England Journal of Medicine*, of pre-exposure prophylaxis among heterosexual couples in Kenya and Uganda. They found that individuals at high risk for HIV had far fewer infections when they took their daily HIV medication.

Renee Heffron (below), a postdoctoral fellow who works with Celum and Baeten, received a Young Investigator Award at the International AIDS Conference. She was one of five scientists under 35 to receive the \$2,000 award. Heffron's research found a greater risk of HIV infection in African women who use injectable contraception. Heffron earned her PhD in Epidemiology last year, and was one of two UW students to receive the 2012 Graduate School Distinguished Dissertation Award. That honor came with a \$1,000 prize.

Photos: l to r: Courtesy of Renee Heffron, Courtesy of International Clinical Research Center



protecting babies

The work of former Professor Palmer Beasley (below, right) saved more than a million lives. The epidemiologist and UW grad (MS, Preventive Medicine, 1969) discovered the link between hepatitis B and liver cancer and found the virus could be passed from mother to child. Professor Beasley died Aug. 25 at the age of 76. As *The Seattle Times* reported, Dr. Beasley found that a shot of immune globulin at birth protected babies. He successfully pushed the World Health Organization to include hepatitis B shots in its global immunization program.



Photos, l to r: UW I-TECH/Julia Sherburne, Dwight C. Andrews/University of Texas

prevention program

Over half of Latino men who have sex with men have never been tested for HIV; fear of a positive result is the most prominent barrier. Rosa Solorio, assistant professor in the Department of Health Services, is the principal investigator in a three-year research project to develop a media program to help prevent HIV infection in high-risk Latino men. The program involves social media and radio public service announcements that promote sexual health, including HIV testing and condom use.



rising STAR

Photo: Ari Steinberg

DANIELA WITTEN
Assistant Professor, Biostatistics

Daniela Witten was named to *Forbes'* "30 Under 30" list of top young researchers in the field of science and health care. She was also named to the magazine's 2011 list for science and innovation. The 28-year-old develops statistical tools that can analyze large sets of data such as the human genome, work that could lead to better treatment and prevention of disease.

Witten says she is completing an entry-level textbook with colleagues from Stanford University and the University of Southern California that seeks to make machine learning techniques more accessible to those who do not have a PhD in the field.

by the numbers...

200 The Department of Global Health collaborates with nearly 200 organizations worldwide.



CHRISTOPHER ELIAS



THOMAS FLEMING



ANDY STERGACHIS

Three Faculty Elected to IOM

Three faculty members from the UW School of Public Health were elected to the prestigious Institute of Medicine, one of the highest honors in the fields of health and medicine. They are:

- **Christopher Elias**, a clinical professor in the School's Department of Global Health and president of global development for the Bill & Melinda Gates Foundation.
- **Thomas Fleming**, professor of Biostatistics and professor of Statistics.
- **Andy Stergachis**, professor of Epidemiology, professor of Global Health, adjunct professor of Health Services, and adjunct professor in the Department of Pharmacy.

The three are among 70 new members and 10 foreign associates recognized for their outstanding professional achievement and commitment to service. The Institute of Medicine, founded in 1970, is the health arm of the National Academy of Sciences and gathers experts to address issues from breast cancer and nutrition to patient safety and post-traumatic stress disorder. New members are elected by current members.

Dr. Elias, who earned an MPH from the

School in 1990 and received its Distinguished Alumnus Award in 2010, leads Gates Foundation efforts in integrated and innovative delivery, finding creative ways to ensure solutions and products reach the people in developing countries who need them most. Previously, he led Seattle-based PATH, an international non-profit working to improve health in more than 70 countries.

Dr. Fleming is former chair of the Department of Biostatistics, where he has worked since 1984. He earned a PhD in probability and statistics from the University of Maryland in 1976 and is also a member of the Fred Hutchinson Cancer Research Center in Seattle.

Dr. Stergachis recently served on the IOM Committee on Strengthening Regulatory Systems in Developing Countries, and directs the UW Global Medicines Program. Through his affiliation with the School's Northwest Center for Public Health Practice, he works on emergency preparedness with the public health community. He is also affiliated with the UW Pharmaceutical Outcomes Research and Policy Program. 🌱

Photos, l to r: Courtesy of Bill & Melinda Gates Foundation, Courtesy of Department of Biostatistics, Lawrie Robertson

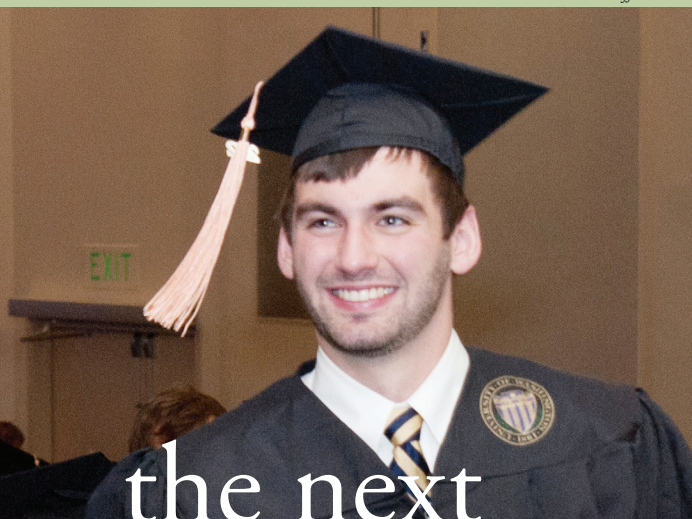
ANDREW PERKINS

Major: Public Health

“There are things you can do outside of a hospital or clinic that can improve people’s health. I like being able to look upstream at what’s causing the actual problem. You can look at populations that experience health disparities, such as minorities and new immigrants—people not normally receiving health care. How can you make the environment something that allows people to reach a healthy status?”

The public health major ties the science classes I am taking with the bigger picture around public health issues. It gave me a broader perspective, from the macro to the micro.”

Photo: Patricia L. McGiffert

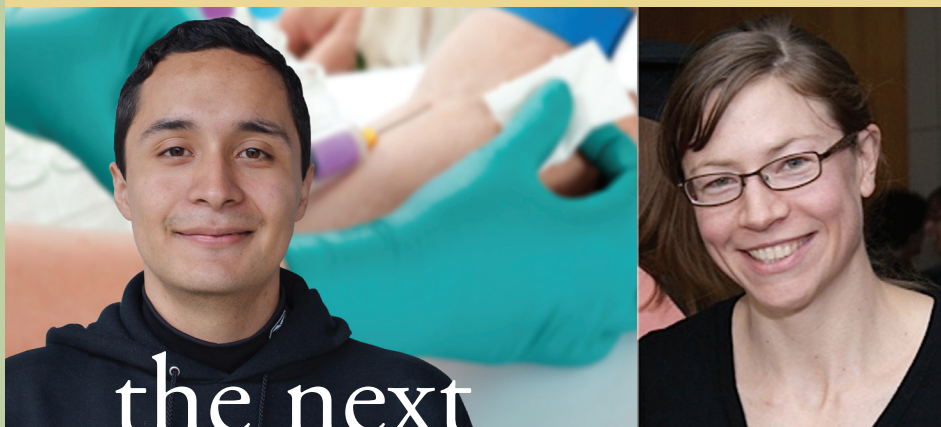


the next
GENERATION

first prize

Sarah Lowry (below, right) won first prize in the 2012 American College of Epidemiology Student Prize Paper competition for her manuscript, “Risk of non-Hodgkin lymphoma in relation to tricyclic antidepressant use.” Lowry received her PhD in Epidemiology in 2012 and also holds an MPH in Environmental and Occupational Health Sciences. She is doing her postdoctoral fellowship at the Fred Hutchinson Cancer Research Center.

Photos, l to r: Courtesy of Jeff Hodson, background: Alexander Raths/photos.com; Courtesy of Sarah Lowry



the next

GENERATION

CESAR TORRES

PhD program, Biostatistics

“Since I was a kid, I’ve always wanted to help people. I want to have a positive impact. With my strength in mathematics, I figured biostatistics was the way to go.

I wouldn’t mind working for a research institute or the Food and Drug Administration—making sure things are safe for people and the market. My research interests are clinical trials and cancer research.

Growing up, I always felt sad that we hadn’t found a cure for cancer.”

Building community...

“ *Public health is an interdisciplinary profession that requires leaders skilled not only in their chosen field of science, but in other vital aspects of health program delivery, including public policy, economics, administration, health promotion and ethics.* ”

Graduates need the knowledge to be able to pursue their passion effectively and—as important—the lifelong learning skills to adapt, collaborate and grow in a field defined by innovation and change.

Public health has, without question, proven to be one of the most important developments of our modern age. In the decades ahead, even greater demands will be placed on its leaders to further reduce morbidity and mortality from infectious diseases, improve health services—especially for women and children—and protect people in the workplace and in the communities where they live. ”



Photo: Courtesy of Bill & Melinda Gates Foundation

CHRISTOPHER ELIAS, MD, MPH

President, Global Development Program,
Bill & Melinda Gates Foundation

Clinical Professor, Department of Global Health

2010 School of Public Health Distinguished Alumnus

(MPH, Health Services, 1990)

A Culture of Service *from Day One*

Enriching the Student Experience

BEFORE CLASSES BEGAN LAST FALL, incoming students to the School of Public Health were asked to read a book, “*The Spirit Catches You and You Fall Down*.” It’s a story about the clash between California doctors and a refugee family from Laos over how to treat a young Hmong girl with epilepsy.

There are many misunderstandings, and one of the book’s themes is the ability to work effectively across cultures. Students discussed the book in small groups during orientation.

“They loved it,” said Deb Hinchey, director of student affairs. “It’s a great case study of what it’s like to work in the health field with diverse populations.”

The next morning, students woke up early

to volunteer at Northwest Harvest, a warehouse for food banks in the Seattle area. Along with several School staff, including Dean Howard Frumkin, they sorted 15,200 pounds of plums and 6,000 pounds of squash—enough to help feed thousands of needy families.

The Common Book discussion and service day were part of a revamped orientation designed to increase interaction among new students and stress the importance of working with the public. “The School is about service,” Hinchey says. “We want to get that message out on the first day.”

Student engagement—from social events to increased advising and tutoring—has been on the rise since Hinchey joined the School a

Photos: l to r: Amanda Graybill-Pennington, Courtesy of Department of Global Health



STUDENTS VOLUNTEERING AT NORTHWEST HARVEST, WHICH SUPPLIES FOOD BANKS

MPH STUDENT LEO NDIANGANG ACHEMBONG, A DENTIST, FILLING A TOOTH AT AN ELEMENTARY SCHOOL IN CAMEROON





Photo: Courtesy of Department of Global Health/Lisa Chiou

MEDICAL STUDENT LISA CHIOU IN THE GLOBAL HEALTH PATHWAY PROGRAM TAKES A DIAGNOSTIC TEST IN THE MARSHALL ISLANDS

year ago from Seattle University, where she was director of wellness and health promotion. A native of Montreal, Hinchey earned her MPH here in 2006 in the Community-Oriented Public Health Practice program.

One of the School's new events is "Hangin' with Howie," an informal gathering held monthly for students to meet with Dean Howard Frumkin. Students can ask questions or make suggestions on a range of topics.

Erin Kahle, a graduate student in Epidemiology, said there used to be a huge divide between departments and few opportunities to get to know students outside their own fields. Now that is changing. "I have seen an increase in attendance at student events and more students asking about chances to participate in student government, diversity committee and volunteering in SPH," said Kahle, co-chair of the Student Public Health Association.

Increased student engagement is likely to have a range of benefits, from increased networking and shared knowledge to better morale and higher graduation rates. 🐾

creating a park

P U E N T E P I E D R A , P E R U

Faculty members and students are turning one of Peru's mega-slums into a greener, healthier place. Faculty Joe Zunt, Susan Bolton and Ben Spencer are leading plans to improve the lives of thousands of people in the district of Puente Piedra, near Lima. The project began in 2007. A recent effort—helped by eight students on a month-long exploration seminar and by dozens of community members—created a park with walkways, trees and shrubs on what was once a sandy dune. The team also designed and built an irrigation system using recycled water. In the past, they have tested students for hearing, eyesight and asthma. Future plans include building a new health clinic and better classrooms.



Photo: Courtesy of Department of Global Health

by the numbers...

110 students volunteered at Northwest Harvest as part of the new student service day



global to local

With Daren Wade, director of the Global Health Resource Center, Annya Pitak, a graduate student in the School of Social Work, helped develop a volunteer program with the Global to Local Initiative Connection. UW student volunteers help connect immigrants and refugees living in SeaTac and Tukwila with basic resources that will improve their health and well-being.



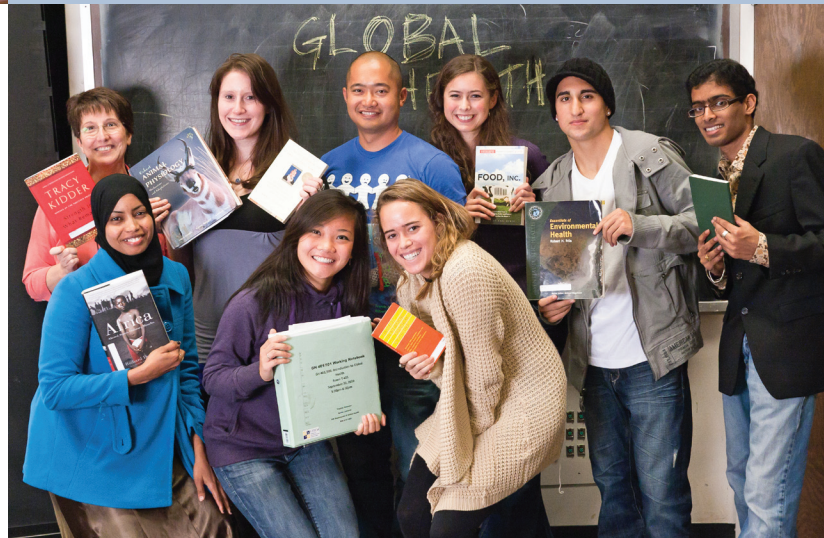
Photo: Courtesy of START/UW Department of Global Health

enhancing STUDENT EXPERIENCE

Late spring will bring a renovated area for a new student lounge and offices for advising staff. The lounge will be open to all students across the School.

Undergraduates, in particular, haven't had a place to call their own until now. The lounge will be centrally located in the Health Sciences Building, so students are likely to have more interaction with faculty, staff and graduate students.

"We're trying to create an environment where the undergraduates are fully part of the life of this School," said Lawrie Robertson, assistant dean for administration. "Our overall theme is finding ways in which we can create a community."



Photos: top: Philip Lam; bottom row, l to r: Lawrie Robertson, Red Fish Blue Fish/Tony Pinto



the next GENERATION

KYLE DAVIDSON
MPH program, Community-
Oriented Public Health Practice

Kyle Davidson spent nearly 10 years in the Seattle area working in HIV education and prevention, including the Lifelong AIDS Alliance and Public Health—Seattle & King County’s HIV/STD program. In addition to attending classes full-time, he works part-time as a health educator at Harborview Medical Center’s outpatient HIV clinic.

“I want to continue to have an impact on the underserved and marginalized communities while working to address health disparities among and between communities. The social justice component is very important to me. That’s what gets me up in the morning. I hope to work in a health department or clinical care setting and have an impact on policies that affect the whole community. I enjoy working on the front-lines of health policy and clinical care.”

pedestrian & bike safety

DEOHS Administrator Adrienne Hidy is helping Seattle’s Asa Mercer Middle School on Beacon Hill address pedestrian and bicycle safety. Working with the parent-teacher-student association, she wrote and received grants totaling \$100,000 from the national SAFE KIDS organization, FedEx and Seattle Department of Transportation Safe Routes to School program. Other community partners include Beacon BIKES and Feet First.



Photos: upper left: Jeff Hodson; above, l to r: [www.pedbikeimages.org/Chris Metka](http://www.pedbikeimages.org/), Courtesy of Health Promotion and Research Center

workplace wellness

Thanks to HealthLinks, a workplace wellness program developed by the UW Health Promotion Research Center and the American Cancer Society, Seattle Automotive Distributing is a healthier worksite. The company—headquartered in Auburn, WA, and one of 47 participating worksites—adopted a tobacco policy with strict limits on how often and where employees are allowed to smoke. It also increased employee access to fresh fruits and vegetables. HealthLinks was part of a Public Health—Seattle & King County initiative called Communities Putting Prevention to Work, funded by the Centers for Disease Control and Prevention and aimed at reducing obesity and tobacco use in King County.

SPH *at a* GLANCE 2011-2012

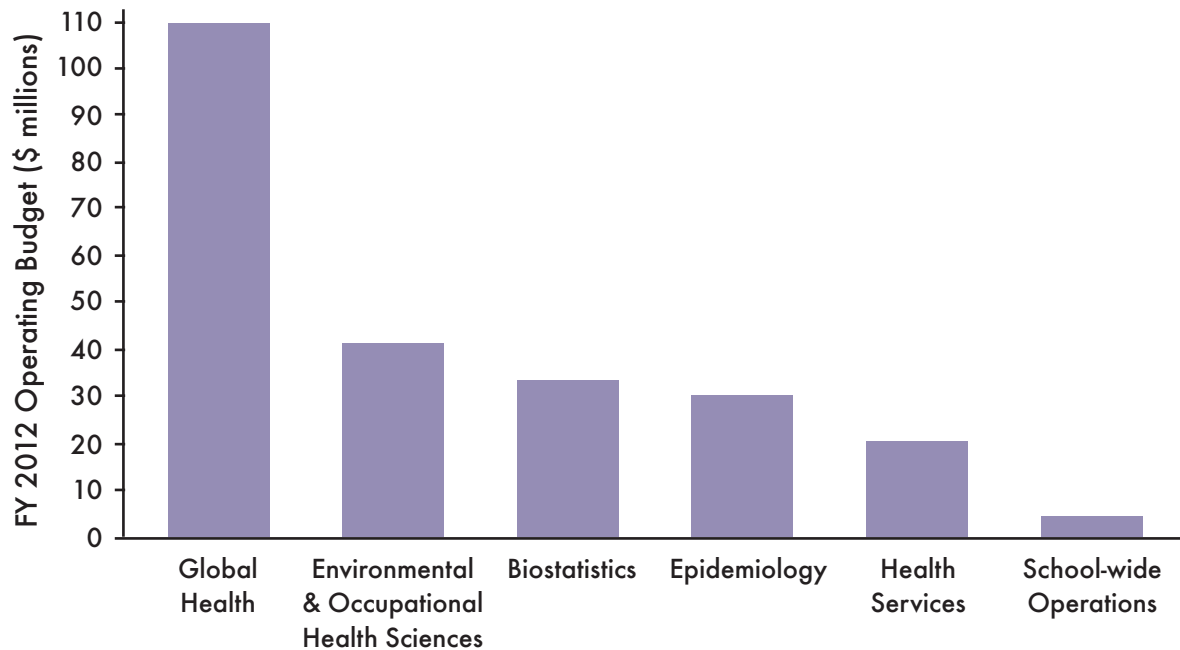
Accreditation	Accredited through the Council on Education for Public Health, plus five program-level accrediting bodies such as the American Dietetic Association and Accrediting Commission on Education for Health Service Administration
Departments	Biostatistics, Environmental & Occupational Health Sciences, Epidemiology, Global Health, Health Services
Interdisciplinary Programs	Health Administration, Maternal and Child Health, Nutritional Sciences, Pathobiology, Public Health Genetics
Faculty	151 primary + 105 joint + 154 adjunct + 492 affiliate & clinical = 902 total
Students	224 undergraduate students + 885 graduate students = 1109 total
Graduate Degrees Offered	Master of Public Health (MPH), Master of Science (MS), Master of Health Administration (MHA), Doctor of Philosophy (PhD)
Undergraduate Programs	BS or BA in Public Health, BS or Minor in Environmental Health, BS in Health Informatics and Health Information Management, Minor in Global Health
Certificate & Professional Programs	Executive MHA & MPH programs; certificate programs include Medical Management, Health Policy, Public Health Genetics, Clinical Research Methods
Degrees Awarded	89 undergraduate + 264 masters + 41 doctoral = 394 total
Centers and Institutes	The School of Public Health has more than 30 research centers and institutes.
Some of our Partners	Bill & Melinda Gates Foundation, Fred Hutchinson Cancer Research Center, Group Health Research Institute, PATH, Public Health–Seattle & King County, Seattle Children’s Hospital, Veteran’s Affairs, Washington State Department of Health, Washington State Department of Labor & Industries

ranked
IN TOP SIX

The School of Public Health ranked sixth in the nation among graduate schools of public health, and third among publicly funded schools of public health (2011 *US News and World Report*).

TOTAL FISCAL YEAR (FY) 2012 BUDGET: \$233 MILLION

(86% Grants & Contracts, 11% University & State Funds, 1% Gifts & Endowments, 2% Other)



RESEARCH GRANTS

Researchers in the School of Public Health secured \$152 million in grants and contracts in FY 2012. Some of the largest grant awards are listed below (PI= principal investigator; M=million).

Grant	PI	Award
Building Sustainable Human and Institutional Capacity for HIV Care	King Holmes	\$43.6M
Tenofovir and Emtricitabine/Tenofovir Chemoprophylaxis to Prevent HIV Acquisition	Connie Celum	\$19.4M
Health Promotion Research Center	Jeffrey Harris	\$6.3M
Resuscitation Outcomes Consortium Data Coordinating Center	Susanne May	\$6.2M
Center for Native Population Health Disparities	Dedra Buchwald	\$4.1M
Cerebrovascular Disease and its Consequences in the Strong Study Cohort	Dedra Buchwald	\$3.4M
Multi-Ethnic Study of Atherosclerosis	Richard Kronmal	\$3.5M
National Alzheimer's Coordinating Center	Walter Kukull	\$3.3M
Center for Child Environmental Health Risks Research	Elaine Faustman	\$3.3M
Pacific Northwest Center for National Children's Study	Elaine Faustman	\$3.2M

YEAR *in* REVIEW

In 2012, the School of Public Health launched a strategic plan to strengthen core activities and address public health challenges in the coming decades. Listed below are the goals identified in the plan, major accomplishments in the last year, and planned activities in 2013.

STRENGTHEN OUR TEACHING

- Established workgroup to review the MPH curriculum
- Formed Learning and Technology Committee to support faculty in transitioning course websites online and use of innovative technology
- Created new Student Affairs office to enhance services available to students
- Initiated plan toward inter-professional education
- Designed blueprint for increased instructional space

STRENGTHEN OUR RESEARCH

- Enhanced financial analyses and forecasting
- Developed policies for cost distribution and allocations

STRENGTHEN OUR COLLABORATIONS WITH COMMUNITY PARTNERS

- Broadened MPH practicum opportunities
- Engaged with agencies and organizations and supported trainings for public health practitioners

GLOBALIZE THE SCHOOL

- Developed materials and resources to include in core MPH courses to give students real-world context
- Launched new PhD in Metrics and Implementation Science in the Department of Global Health

IMPROVE OUR DIVERSITY

- Formed Diversity Committee
- Launched quarterly event: “Critical Voices, Courageous Dialogue”
- Developed toolkit and guidelines for faculty searches and hiring

ENHANCE OUR SCHOOL COMMUNITY

- Began to build student lounge
- Increased school-wide participation in annual awards and holiday celebrations
- Provided information, connection across school with regular e-publications: *NewsCatcher* and *Close Up*

PROMOTE THE SCHOOL

- Developed new visual branding tools
- Initiated quarterly alumni/donor e-newsletter: *SPH Connect*
- Revamped website
- Increased outreach to external media and press
- Hired advancement personnel: associate director for major gifts
- Increased fundraising activities
- Engaged community leaders through the School’s Dean’s Council to help set goals and strategies



MEET EMERGING CHALLENGES

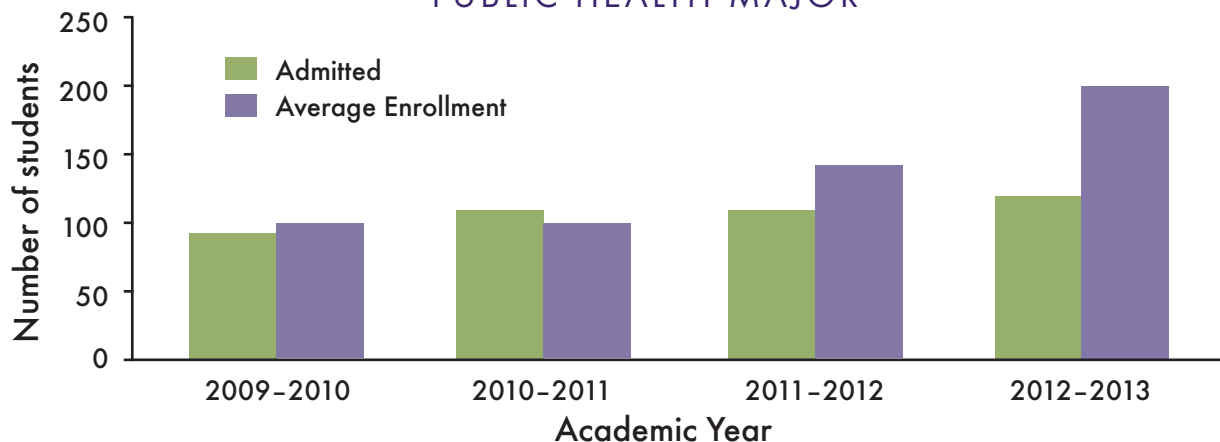
- Funded faculty research that addresses emerging public health challenges
- Launched new faculty searches in key interdisciplinary public health areas

PLANNED ACTIVITIES INCLUDE:

- Increase the number of students in the Public Health major
- Revise the MPH curriculum
- Develop and support online and distance learning courses
- Expand student practicum opportunities

- Convene community forums to extend learning opportunities
- Determine inter-professional education structure and objectives
- Create inter-professional courses and certificate programs
- Assess mechanisms to evaluate and promote interdisciplinary faculty appointments
- Refine financial structure for the school
- Envision and raise funds for a new School of Public Health building
- Develop strategies to begin a capital campaign

PUBLIC HEALTH MAJOR



NEW FACULTY

July 1, 2011 – June 30, 2012



GERARD CANGELOSI

*Professor, Environmental and Occupational Health Sciences
Adjunct Professor, Epidemiology and Global Health*

PhD, Microbiology, University

of California Davis, 1984

Dr. Cangelosi approaches infectious diseases on a large and small scale. Large scale would be an improved understanding of infectious disease epidemiology. The small scale would be at the molecular level, improving detection of pathogens in water. He was on the faculty of the former Department of Pathobiology and has since been with the Seattle Biomedical Research Institute. His work in both public and private sectors has generated eight patents and two product launches.



NORMA B. COE

Assistant Professor, Health Services
PhD, Economics, Massachusetts
Institute of Technology, 2005

Dr. Coe studies health economics, public finance, and labor. Her focus

has been on long-term care, disability policy, and health insurance. She comes to us from the Center for Retirement Research at Boston College. She looks forward to working with her new colleagues to make a difference in the long-term financing of federal and state programs.



JOSEPH DELANEY

*Research Assistant Professor,
Epidemiology*

PhD, Epidemiology/Biostatistics,
McGill University (Canada), 2008

Dr. Delaney is interested in the study and treatment of diseases in humans. He says he is

strongly skewed toward being a methodologist and often gets involved with novel disease states because of interesting methodological pieces. Access to other strong methodologists and high-quality epidemiological cohort data attracted him to the University of Washington.



CHRISTOPHER JOHNSON

Associate Professor, Health Services

PhD, Health Services Research, Policy and Administration, University of Minnesota, 1998

Dr. Johnson began work last summer as director of the Master of Health Administration (MHA) program in Health Services. He came from Texas A&M University, where he headed the Department of Health Policy and Management. He is interested in how health care organizations and communities affect health care outcomes for veterans, under-served populations, and the elderly.



INDIA ORNELAS

Assistant Professor, Health Services

PhD, University of North Carolina,
2009

MPH, Health Services, University of Washington, 1999

Dr. Ornelas is interested in how social and cultural factors influence the health of Latino and immigrant communities. She uses community-based participatory research to develop health promotion interventions. She teaches Society and Health (HSERV 510), a required course for all MPH students, and co-chairs the School of Public Health's Diversity Committee.



JUSTIN ORTIZ

*Assistant Professor, Global Health
Assistant Professor, Medicine (primary
faculty appointment)*

MD, University of California (San
Francisco), 2002

MS, Epidemiology, University of Washington, 2012

Dr. Ortiz is a global health pulmonologist and vaccinologist who is interested in respiratory infections in developing countries. He is working with PATH to study the clinical effectiveness of an influenza vaccine trial in West Africa, and he collaborates on other vaccine trials in South Asia and Sub-Saharan Africa. He received the Thrasher Research Fund Early Career Award to study whether exposure to indoor air pollution increases the risk of respiratory infections in rural Senegal.



**MIRUNA PETRESCU-
PRAHOVA**

Assistant Professor, Health Services
PhD, University of California
(Irvine), 2009

MA, University of Bucharest, 2002

Dr. Petrescu-Prahoa works in the Health Promotion Research Center, where she specializes in healthy aging, health disparities, and dissemination of evidence-based programs. She uses quantitative methodology—especially social network analysis—to help understand and change health behaviors.



ALI ROWHANI-RAHBAR

Assistant Professor, Epidemiology
PhD, University of Washington, 2009
MD, Mashhad University of Medical
Sciences (Iran), 2002

MPH, Yale University, 2005

Dr. Rowhani-Rahbar's research focuses on the control of vaccine-preventable diseases. He researches the efficacy, effectiveness, immunogenicity, and safety of vaccine. He is also interested in applying epidemiologic methods to both public health and clinical research.



JENNIFER SLYKER

Assistant Professor, Global Health
PhD, Open University, 2007
MSc, Oxford University (UK), 1998

Dr. Slyker is interested in understanding how the infant immune system handles viral infection. At birth, babies go from a mostly sterile environment to one brimming with pathogens, such as those that cause AIDS and herpes, and herpes infection can complicate the progression of HIV diseases. Dr. Slyker's research focuses on alternative preventive and therapeutic strategies that can improve the health of HIV-infected children.



JUNE SPECTOR

*Assistant Professor, Environmental and
Occupational Health Sciences*
MD, Yale University, 2005
MPH, Johns Hopkins University, 2009

Dr. Spector studies work-related illnesses, especially the connection between workers compensation and long-term disability in patients who have had surgery for carpal tunnel syndrome. She investigates risk factors for heat-related illness among agricultural workers and strategies to prevent injury in Washington's commercial fishing industry.



NATHAN TEFFT

Assistant Professor, Health Services
PhD, University of Wisconsin, 2008

Dr. Tefft is a health economist who is interested in health-related behaviors and outcomes in areas such as obesity, smoking, mental health, alcohol consumption, and fatal automobile accidents. He also looks at factors such as preventive medical services, the influence of labor markets, macroeconomic fluctuations, taxation, and safety net programs.

DEAN'S COUNCIL

The Dean's Council is a distinguished and diverse group of community leaders known for their vision, commitment to public well-being and philanthropy. The Council offers advice and support to help the School fulfill its vision of healthy people in sustainable communities—locally, nationally and globally.



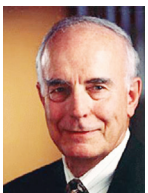
RON SIMS, Dean's Council Chair, served as Deputy Secretary of the U.S. Department of Housing and Urban Development from 2009 to 2011. Prior to that appointment, Mr. Sims served for 12 years as the elected executive of King County in Washington State.



SANJAY CHHEDA, MBA, Dean's Council Vice-Chair, is Vice President at Intellectual Ventures, focusing on new business models for innovation. Among his positions during 18 years at Microsoft was Regional Vice President of its consumer and online business for the Greater Asia Pacific Region.



CHRISTOPHER ELIAS, MD, MPH, is president of the Global Development Division at the Bill & Melinda Gates Foundation. Previously he served for 11 years as president and CEO of PATH, which improves the health of people around the world. In 2010, Dr. Elias was the School of Public Health's Distinguished Alumnus of the year.



DANIEL EVANS, MS, has a long and distinguished career in public service, including leadership of The Evergreen State College in Olympia, WA., U.S. Senator, and three terms as governor of Washington State. He

currently leads his own consulting firm. In 1999, the UW Graduate School of Public Affairs was renamed the Daniel J. Evans School of Public Affairs in his honor.



JACK FARIS, PhD, has led the Pacific Northwest Diabetes Research Institute as well as the Washington Biotechnology & Biomedical Association. He is currently consulting for organizations such as the Washington Global Health Alliance. He has previously held key roles at UW, the Bill & Melinda Gates Foundation, and advertising agency Cole & Weber.



Since 2000, **JON FINE**, MBA, has been president and CEO of United Way of King County, whose campaign has raised at least \$100 million during each of the last five years. Previously he was with the Seattle/King County chapter of the American Red Cross and served in leadership positions in the Puget Sound banking industry.

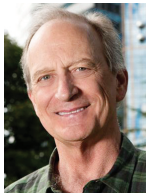


DAVID FLEMING, MD, is the director and health officer for Public Health – Seattle & King County. He previously directed the Global Health Strategies Program at the Bill & Melinda Gates Foundation and served as Deputy Director of the Centers of Disease Control and Prevention (CDC).



LEO GREENAWALT, JD, MHA, recently retired from the presidency of the Washington State Hospital Association, which he led for 20 years. He previously held leadership positions at the Michigan Hospital

Association and public policy positions in Washington, DC. In 1999, the American College of Healthcare Executives awarded him its highest honor, the Gold Medal Award.



DENIS HAYES, JD, is President and CEO of the Bullitt Foundation. Years ago he was the National Coordinator of the first Earth Day and eventually expanded the event to 170 nations. He has received the national

Jefferson Medal for Outstanding Public Service as well as the highest awards bestowed by the Sierra Club, the Humane Society of the United States, the National Wildlife Federation, among others. At the Bullitt Foundation, Mr. Hayes leads an effort to mold the Pacific Northwest into a global model of sustainability.



BILL MARLER, JD, began litigating foodborne illness cases in 1993, when he represented a seriously injured survivor of the Jack in the Box E. Coli outbreak. Since then he has represented many children across the

country in food and water contamination cases. He devotes much of his time to addressing food industry and public health groups about foodborne illness issues.



SUSAN MORGENSZTERN has more than 30 years experience in the health care, technology and direct marketing industries. She has provided marketing management and business development services to new

ventures and new corporate divisions. She has held positions at the National Naval Medical Center, Searle Analytic, and Photovolt Corporation.



JAMES "JIM" NORMAN is a longtime leader of the Pacific Northwest real estate community who has developed strategies for hospital systems, companies, public institutions, universities and investors. He

is a principal of Norman Partners, which leverages an organization's real estate in support of goals such as workforce attraction and retention, social responsibility, and stewardship.



MARY C. SELECKY recently announced her impending retirement from the Washington State Department of Health, which she has led since 1999 and which she helped create in 1989. Among her top public health priorities have been tobacco

prevention and control, patient safety, nutrition and physical activity, and emergency preparedness.



DAVID SHOULTZ, MS, PhD, is a Deputy Director in the Global Health Program at the Bill & Melinda Gates Foundation. For the past two years, he has also served as the relationship manager for PATH—one of the

largest grantees of the foundation. Previously, he managed business development in North America, Japan and Asia for Biomedical Systems.



KATHY SURACE-SMITH, JD, runs her own legal and business consulting business, Lochleven Consulting PLLC. Previously she held key roles at medical device company

SonoSite, Inc., and at Metawave Communications. She and her husband, Brad Smith, served as volunteer co-chairs of the 2010–2011 campaign for United Way of King County, leading efforts to raise \$119.6 million.

OUR DONORS

Thank you for your generous support

ORGANIZATIONS

Thank you to the following organizations for contributions to the School of Public Health between July 1, 2011 and June 30, 2012.

\$10,000+

American Society of Echocardiography
Anonymous
Bill & Melinda Gates Foundation
Catholic Health Initiatives
Conrad N. Hilton Foundation
Hewlett-Packard Company
Kadlec Medical Center
Logitech
McDonald's Corporation
Nestlé USA Inc.
PeaceHealth

\$5,000-\$9,999

American Hospital Association
Marguerite Casey Foundation
Microsoft Corporation
MultiCare Health System
University Presbyterian Church
Yakima Valley Memorial Hospital

\$2,000-\$4,999

Bruce Kelman, Coreen Robbins, and Veritox, Inc.
Simon Fraser University
Wenatchee Valley Medical Center

\$1-\$1,999

Aetna, Inc.
The Boeing Company
Eli Lilly and Company
Google Inc.
Kellogg Company
Regence BlueShield
Scientific Therapeutics Information, Inc.
Simpson
Washington State Healthcare Executives Forum
Young Peoples Village



Photo: Elizabeth Sharpe

Hatlen Scholarship Award

The Hatlen Scholarship Award was established in honor of Emeritus Professor Jack Hatlen and is given to one undergraduate student each year from the Department of Environmental and Occupational Health Sciences. The 2012 recipient was Vickie Carper (above).

INDIVIDUALS

Thank you to the following individuals and family foundations for their contributions to the School of Public Health between July 1, 2011 and June 30, 2012.

\$10,000+

Anonymous (2)
June & George Bartell
Leo & Nancy Greenawalt
James and Gayle Halperin
Foundation
George & Mary Kenny
Jeffrey Lehman & Katrina Russell
Erik & Julie Nordstrom
Andy & JoAnn Stergachis
The Estate of Helen B. Tripi

\$5,000-\$9,999

William & Sandra Dowling
Jack & Betty Hatlen
Thomas & Michelle McHugh

\$2,000-\$4,999

Rena & C. Scott Bond
Matt & Sheila Breyse
M. Elizabeth Halloran
King Holmes & Virginia Gonzales
Jerry Kim
Jiin & Judy Lin
James & Marianne LoGerfo
Mark & Mardie Oberle
Robert & Katherine Ortblad
Brian & Bonnie Plikaytis
Cynthia Rogers
George & Carlyn Steiner Family
Foundation
Sharon Wang

Up to \$1,999

Anonymous (5)
Scott Adams
Susan Adams
John & Alice Alden
Susan Allan
Victor Allison
Thaddas Alston & Karen Glover
Gwen Ambler
Harriet Ammann
James Anderson & Magda Peck
Thomas & Saloma-Lee Anderson
Carl & Nancy Andrews
John Anicetti

Kimberly Arthur
Jonnae Atkinson
Catherine & Geoff Austin
Melissa Austin
Diane & Jean-Loup Baer
Gloria Bailey
Gary Bangs & Debra Quinones
William & Mikako Barlow
Vickeri & Douglas Barton
Maneesh Batra & Kelly Evans
Judith Becher
Nancy Beck
Joyce & Joel Becker
Patrick Beecher
Joseph & Michelle Bell
Thomas & Jacqueline Benedetti
Shirley Beresford & Donald Patrick
Michael Bilello
Deborah & Michael Billing
Ingrid Binswanger
Gregory & Susan Bishop
David Bjornson
David Blythe
Douglas Bolgiano & Sharon
Hopkins
William Bond
Jean Borgerding
Lucinda Borneman & Joseph Rivera
Joann Boughman
Jennie & Brigham Bowen
Stephen Bowman
Michael Box & Kristen Mitchell
Lael Braymer
Bryce & Mikel Breitenstein Jr.
Norman & Gayle Breslow
Patrick & Jill Breyse
Peter & Carol Breyse
Thomas & Carolyn Breyse
Roger Brice & Carol Brice
Taya Briley & Brian Fox
Carl & Kayla Brodtkin
David & Laura Brooks
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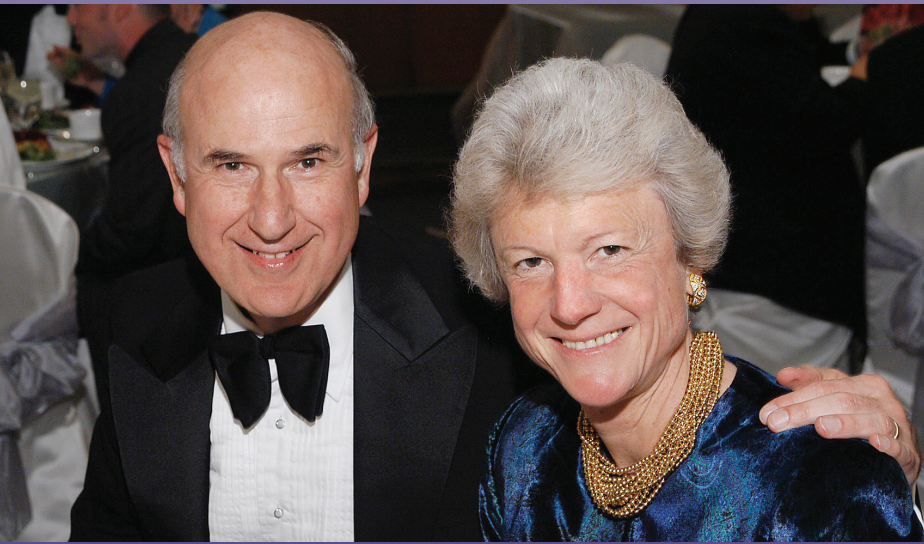


Photo: Courtesy of Gil Omenn and Martha Darling

\$100K Gift to Kick-Start Genetics Research Fund

Former School of Public Health Dean Gil Omenn and his wife Martha Darling have committed \$100,000 to the School to kick-start an Institute for Public Health Genetics (IPHG) research project fund.

The institute is creating two pilot projects that will focus broadly on the interactions between genetic and environmental factors while addressing ethical, legal and social issues.

The gift will allow IPHG faculty to begin one of the two projects and will focus on the first step in evaluating potential gene and drug interactions, including identifying potential associations between long-term use of medications and neurodegenerative disorders such as Parkinson's disease and Alzheimer's disease.

"Their donation will be an incredible boost to the program, enable us to leverage additional funds, and renew collaborations internally and externally," Dean Howard Frumkin said.

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The Henry Suzzallo Society honors individuals who have provided a future gift to the School of Public Health under their will, living trust, life insurance policy, retirement plan or similar commitment.

Anonymous
John Anicetti
Evelyn Barbee
Thomas & Jo Fleming
Robert & Katherine Ortblad
Lawrie & Gwen Robertson
Roberta Wennik



Photos: Lawrie Robertson

2012 Omenn Award Recipients

The Gilbert S. Omenn Award for Academic Excellence was established in honor of former Dean Gil Omenn to recognize the outstanding achievement by a graduate student who excels in scholarship and has demonstrated a commitment to the field of public health. Each year, the School selects two recipients for the Omenn Awards: one master's level student and one doctoral student. Pictured above are the 2012 recipients: Matthew Banegas (PhD student) and Lorelei Walker (master's student).

2011 DEAN'S CIRCLE INDIVIDUALS

The School of Public Health welcomes into the Dean's Circle our most generous and committed friends, alumni, faculty, and staff. With gifts to the School totalling at least \$1,000 between January 1, 2011 and December 31, 2011, these donors make a profound difference to the countless people who benefit from the School's commitment to excellent science, shared passion, and enduring impact.

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The purpose of endowed chairs and professorships is to recruit and retain faculty with outstanding scholarly records who will provide scholarship and leadership that enriches their department, the School, and the University. Generous donors have created the following endowed chairs and professorships:

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Austin Ross Endowed Chair in Health Administration
Established 2000
Held by Christopher Johnson, PhD

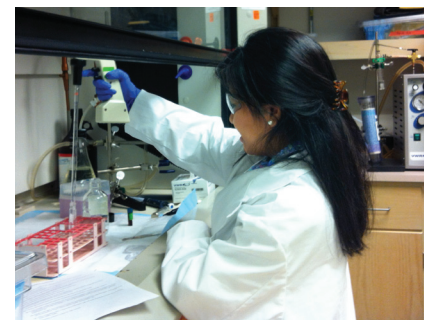
Cheryl M. Scott - Group Health Cooperative Endowed Professorship
Established 2005
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Dr. Ross Prentice Endowed Professorship for Biostatistical Collaboration
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Recruitment in process

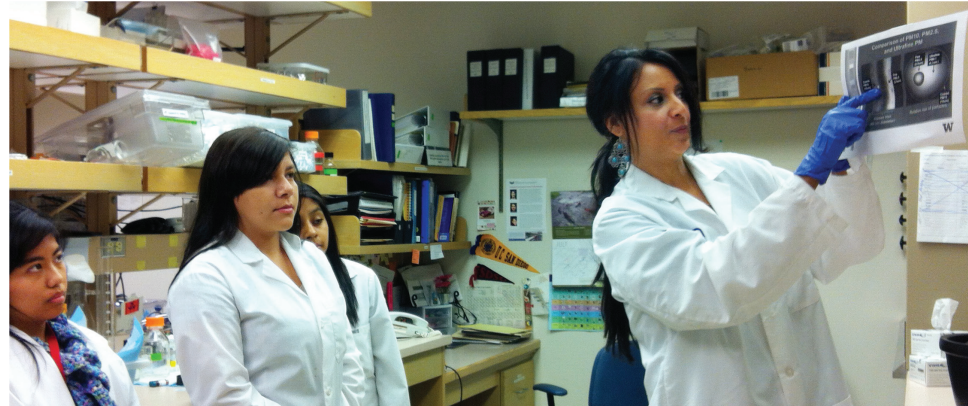
Genentech Professorship in Biostatistics
Established 1992
Held by Ali Shojaie, MS, PhD, through June 30, 2012

Rohm & Haas Professorship in Public Health Sciences
Established 1988
Held by William Daniell, MD, MPH

Sheldon D. Murphy Chair in Toxicology & Environmental Health
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