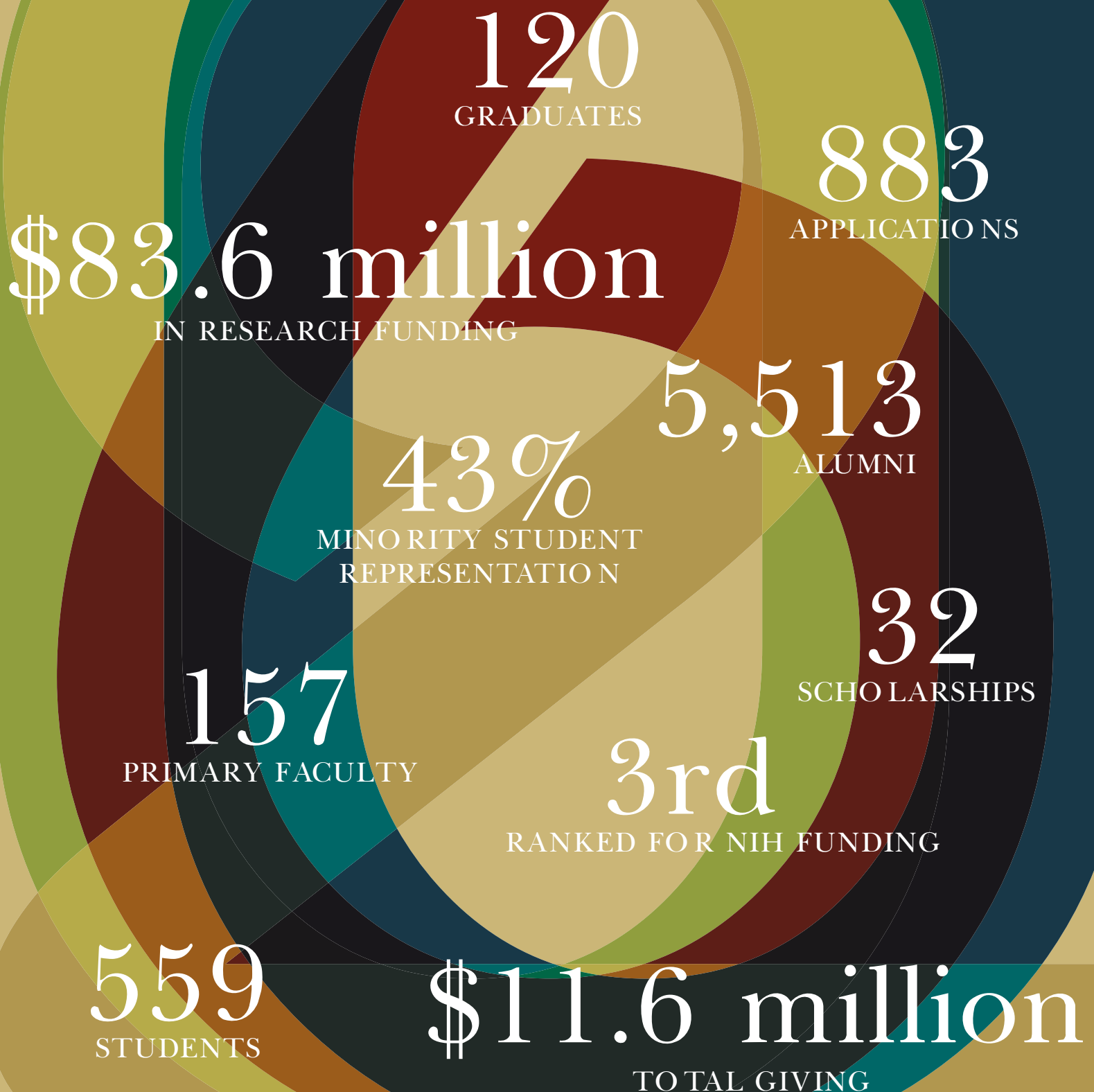


PublicHealth

2006 YEAR IN REVIEW *Quarterly*



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from Dean
Burke



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2006 Year in Review

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A Message from the Dean Donald S. Burke, MD

Dear Colleagues, Students, Alumni, and Friends,

This “2006 Year in Review” is a snapshot of the state of the Graduate School of Public Health; it summarizes key features of our recent past, present, and future.

As dean, I have developed a genuine appreciation for the accomplishments of my immediate predecessors, Dr. Bernard Goldstein (Dean, 2001-05) and Dr. Roberta Ness (Interim Dean, 2005-06). Reflecting their leadership in many spheres, GSPH has achieved excellence in research, teaching, and service.

We are uniquely positioned to respond to public health challenges in Pennsylvania, the nation, and the world. Great strides have been made in fulfilling our mission statement:

“The mission of the Graduate School of Public Health is to promote health and prevent disease in individuals and their communities by anticipating and responding to public health needs through research, teaching, and service and to enhance current public health initiatives through interaction and collaboration with other health care disciplines and organizations.”

I take great pride in leading this outstanding school. This “2006 Year in Review” will demonstrate why we can all rightfully share in that pride.

A handwritten signature in black ink that reads "Donald S. Burke". The signature is written in a cursive, flowing style.

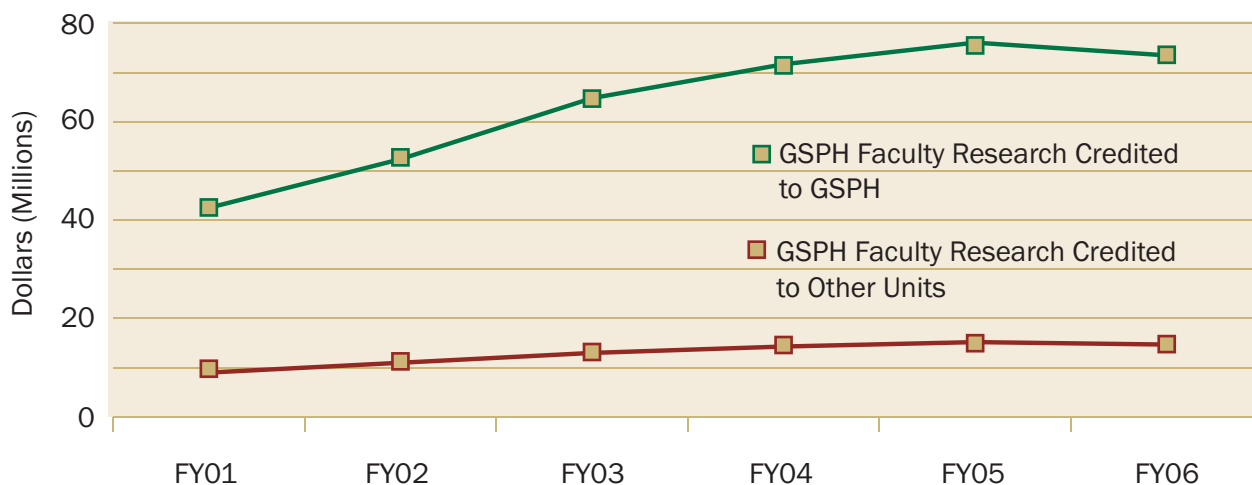
Donald S. Burke, MD
Dean, Graduate School of Public Health
University of Pittsburgh

Research

Total Research Funding

In fiscal year 2006, GSPH faculty received \$83.6 million in research funding. \$73.5 million was directly credited to GSPH; \$10.1 million was credited to other units.

GSPH Research Funding FY 2001 - FY 2006



NIH Funding

The consistent excellence of GSPH research has generated extensive federal funding. Among all public and private schools of public health, GSPH ranks third for NIH funding, only behind private schools Johns Hopkins and Harvard. GSPH has held this ranking for the past five years.

2005 RANK	INSTITUTION NAME	FY 2005		FY 2004		FY 2003		FY 2002		FY 2001	
		RESEARCH GRANTS		RESEARCH GRANTS		RESEARCH GRANTS		RESEARCH GRANTS		RESEARCH GRANTS	
		NUMBER	AMOUNT (\$MM)	NUMBER	AMOUNT (\$MM)	NUMBER	AMOUNT (\$MM)	NUMBER	AMOUNT (\$MM)	NUMBER	AMOUNT (\$MM)
1	JOHNS HOPKINS UNIVERSITY	160	\$107.8	167	\$102.8	182	\$94.8	146	\$78.4	151	\$80.2
2	HARVARD UNIVERSITY	140	\$92.5	166	\$96.0	160	\$94.4	138	\$73.7	146	\$88.1
3	UNIVERSITY OF PITTSBURGH	71	\$52.5	61	\$45.3	65	\$44.9	62	\$44.0	57	\$38.3
4	COLUMBIA UNIVERSITY HEALTH SCIENCES	67	\$37.9	63	\$37.8	60	\$31.8	52	\$31.0	43	\$22.3
5	UNIVERSITY OF MINNESOTA TWIN CITIES	36	\$36.3	43	\$32.0	42	\$36.6	44	\$40.0	47	\$36.3
6	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	80	\$31.4	80	\$31.7	74	\$28.6	65	\$29.5	63	\$31.0
7	UNIVERSITY OF WASHINGTON	54	\$30.2	55	\$28.2	49	\$22.6	45	\$20.2	40	\$18.3
8	UNIVERSITY OF MICHIGAN	52	\$28.0	55	\$29.1	53	\$28.5	32	\$17.5	33	\$16.2
9	UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON	31	\$19.9	37	\$23.2	39	\$22.3	34	\$18.0	31	\$16.9
10	EMORY UNIVERSITY	32	\$16.3	43	\$18.9	29	\$12.7	26	\$11.3	23	\$11.1

Research Briefs

GSPH faculty have been involved with the following recent research advancements:

- The Department of Infectious Diseases and Microbiology generated an avian flu vaccine just five weeks after obtaining genetic sequence data.
Impact: a strategy for the rapid development of a vaccine should an avian flu epidemic emerge
- Epidemiology researchers discovered that conventional tests will not expose heart disease in as many as three million U.S. women, due to plaque build-up in smaller arteries that is undetectable by traditional testing methods.
Impact: awareness of the need for more complicated tests to detect microvascular syndrome in at-risk patients
- Health policy researchers studied the effect of providing computerized aids in patients' decisions for adjuvant breast cancer therapy. Providing computer assistance resulted in a 33% decrease in the number of low-risk women inappropriately opting for treatment in addition to surgery.
Impact: less unnecessary and risky breast cancer treatment
- Human genetics researchers identified two specific genes as contributors to the development of age-related maculopathy.
Impact: paves the way for future targeting of these genes in drug discovery
- The biostatistics department reported extremely positive results from a multi-center clinical trial showing that use of a particular cellular blocking agent can reduce breast cancer recurrence by 50%.
Impact: new hope in the fight against HER2-positive breast cancer, a more aggressive form of the disease affecting 20-30% of women with breast cancer
- The Department of Behavioral and Community Health Sciences evaluated public health professionals' communications with postal workers during the 2001 anthrax attack.
Impact: improvements to the emergency response strategy for future situations



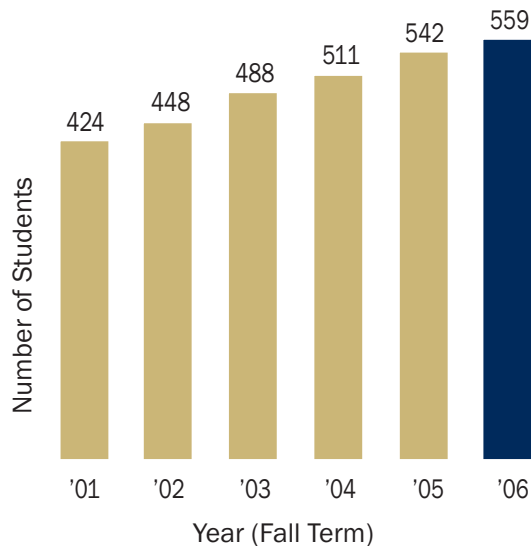
Did you know...

From FY 2004 to FY 2005*, NIH funding for 5 of the top 10 schools of public health decreased; **GSPH'S NIH funding increased by 16%!**

* the last years for which data is available

Teaching – Students

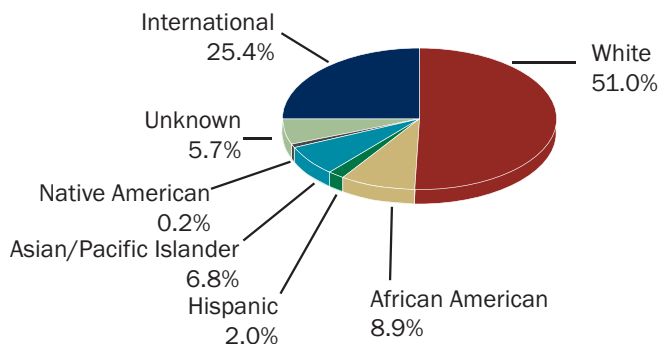
Student Enrollment, 2001-2006



More and Better Students

For the past several years, a specific initiative at GSPH has been to increase student enrollment. That goal was accomplished again this year. 559 students were enrolled during the fall 2006 semester. Since 2001, student enrollment has increased by 32%. Along with the increase in student number has come a natural increase in student quality.

Student Enrollment by Ethnicity
Fall 2006



Diversity Initiative

GSPH is committed to attracting a diverse student body, welcoming students from across the U.S. and around the world. In fall 2006, minority populations represented 43% of the GSPH student body. Students from diverse backgrounds benefit from the abundance of opportunities and experiences offered through the school, including financial assistance, student organizations, community involvement, and the formation of relationships with like-minded faculty and peers.

▼ 2006-07 Student Government Representatives



Did you know...

883 applications were received for fall 2006 enrollment; this was a **25% increase** over the number for fall 2005!



[^] Student Faith Brebnor discusses her research at the 2006 Dean's Day competition (March 2006). 30 students present their research at this competition each spring.

New Certificate Programs

The number of graduate certificate programs at GSPH continues to increase. A certificate program gives students an opportunity to focus on a specific area of interest and increases their value in the job market. GSPH is the first school in the country to offer a certificate in lesbian, gay, bisexual, and transgender health and wellness. Other recently approved certificates include:

- minority health and health disparities
- community-based participatory research and practice
- public health genetics
- recruitment and retention in public health service programs and research, and
- evaluation of public health promotion and health education programs.

Student Achievements

A number of 2006 GSPH graduates were selected for prestigious national fellowships. The following is a sampling. **Rashida Dorsey** went to the Epidemic Intelligence Service at CDC, the second graduate in as many years to become an EIS officer. **Diane Downie**, an MPH graduate from IDM, became a Public Health Prevention Service fellow at CDC; this is a three-year fellowship that provides experience at the national and local or state level in public health practice. **Jamie Rayman**, an MPH graduate from BCHS, went to CDC as part of the Department of Health and Human Services' Emerging Leaders Program.

New Core Curriculum

In response to internal discussions about the core curriculum and a clear directive by the Council on Education for Public Health (CEPH), GSPH initiated a significant change in the school-wide core curriculum. The core curriculum was expanded from 12 credits to 20 credits to ensure that students gain a broad understanding of the areas of knowledge that are central to public health practice. The new core curriculum uses a common set of case examples—polio, asthma, newborn screening and maternal/child health, and a recent disaster (Hurricane Katrina)—to illustrate the integration of the disciplines into public health research, practice, and policy.

GSPH GRADUATES BY PROGRAM ACADEMIC YEAR 2006			
Department	Masters	Doctoral	Total
BCHS	24	2	26
BIOST	7	4	11
EOH	9	2	11
EPIDEM	17.5	12	29.5
HPM	7	n/a	7
HUGEN	11	1	12
IDM	7.5	4	11.5
MULTI	12	n/a	12
TOTAL	95	25	120

Note: Graduates with double majors are shown as 0.5 in each major.

Teaching – Faculty

New Faculty

GSPH welcomed 13 new primary faculty members in FY 2006.

Department of Behavioral & Community Health Sciences (BCHS)

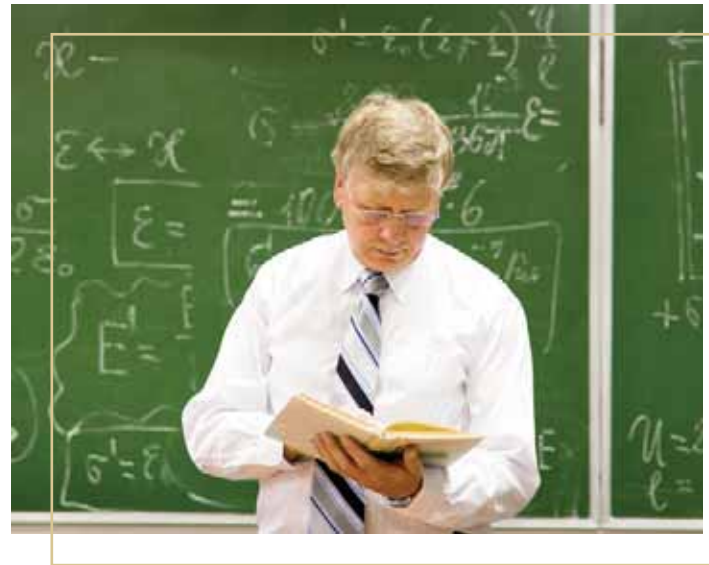
- Steven Albert, Professor
Prior Position – Associate Professor, Clinical Sociomedical Sciences, Columbia University Mailman School of Public Health and College of Physicians and Surgeons
- Craig Fryer, Assistant Professor
Prior Position – Graduate Research Assistant/Coordinator, Columbia University Mailman School of Public Health
- Mary Garza, Assistant Professor
Prior Position – Post-Doctoral Fellow, Cancer Epidemiology, Department of Epidemiology, Johns Hopkins University Bloomberg School of Public Health

Department of Biostatistics (BIOST)

- Andriy Bandos, Research Assistant Professor
Prior Position – Graduate Student Researcher, Department of Biostatistics, GSPH
- Yun Wang, Research Assistant Professor
Prior Position – Research Assistant, Nursing School, Purdue University

Department of Environmental and Occupational Health (EOH)

- Jian Fei Jiang, Research Assistant Professor
Prior Position – Visiting Post-Doctoral Fellow, Department of Environmental and Occupational Health, GSPH
- Vladimir Tyurin, Research Assistant Professor
Prior Position – Research Associate, Department of Environmental and Occupational Health, GSPH
- Yulia Tyurin, Research Assistant Professor
Prior Position – Research Associate, Department of Environmental and Occupational Health, GSPH



Department of Epidemiology (EPID)

- Jeffrey Schragin, Research Assistant Professor
Prior Position – Visiting Assistant Professor, Department of Epidemiology, GSPH
- Samuel Stebbins, Assistant Professor
Prior Position – Deputy Health Officer, San Mateo County Health Department
- Elsa Strotmeyer, Assistant Professor
Prior Position – Visiting Assistant Professor, Department of Epidemiology, GSPH

Department of Health Policy & Management (HPM)

- Gerald Barron, Associate Professor
Prior Position – Director, Pennsylvania Preparedness Leadership Institute, University of Pittsburgh Public Health Preparedness Institute

Department of Infectious Diseases and Microbiology (IDM)

- Tianyi Wang, Assistant Professor
Prior Position – Post-Doctoral Fellow, Los Alamos National Lab

Did you know...

The number of primary faculty increased by 34% from FY 2002 to FY 2006!

Faculty and Staff FTE's

	PRIMARY FACULTY	RESEARCH ASSOCIATES	JOINT FACULTY	ADJUNCT FACULTY	STAFF
Behavioral and Community Health Sciences	19.8	2.0	17.0	21.0	13.8
Biostatistics	26.0	2.0	7.0	2.0	95.6
Environmental and Occupational Health	28.6	2.0	15.0	24.0	30.0
Epidemiology	35.6	21.0	23.0	37.0	196.9
Health Policy & Management	12.0	0.0	5.0	13.0	6.6
Human Genetics	12.0	3.0	9.0	4.0	30.3
Infectious Diseases and Microbiology	18.0	5.0	18.0	3.0	57.8
Dean's Office					43.4
TOTALS	152.0	35.0	94.0	104.0	474.4

Faculty Tenure Totals – Full Time as of June 30, 2006

	TENURED	TENURE STREAM	NON-TENURE STREAM	TOTAL
Behavioral and Community Health Sciences	6	3	11	20
Biostatistics	9	3	14	26
Environmental and Occupational Health	7	6	16	29
Epidemiology	12	6	22	40
Health Policy & Management	2	2	8	12
Human Genetics	7	0	5	12
Infectious Diseases and Microbiology	4	4	10	18
TOTALS	47	24	86	157

Faculty Honors

A sampling of recent awards to GSPH faculty members includes the following:

- **Sati Mazumdar**, Professor, BIOST – 2006 Statistician of the Year Award, American Statistical Association Pittsburgh Chapter
- **Roberta Ness**, Professor and Chair, EPID – 2005 Fellowship, American College of Physicians; 2005 Fellowship, American College of Epidemiology
- **Sandra Quinn**, Associate Professor, BCHS, Associate Dean for Student Affairs and Education – 2006 Selected Fellow, Hedwig Van Ameringen Executive Leadership in Academic Medicine Program for Women
- **Charles Rinaldo**, Professor and Chair, IDM – 2006 Distinguished Service Award to the AIDS Community, Shepherd Wellness Community
- **Thomas Songer**, Assistant Professor, EPID – 2005 Achievement Award, State & Territorial Injury Prevention Directors Association

“K” Awards

The National Institutes of Health (NIH) provides support for the career advancement of basic and clinical researchers via a series of career development awards, termed “K” awards. These awards provide support for an intensive, supervised career development experience leading to research independence.

Five junior faculty at GSPH recently received K awards.

- **Lisa Bodnar**, EPID – “Perinatal depression and maternal nutritional status”, 2006-2010
- **Julie Donohue**, HPM – “Medicare beneficiaries and high cost pharmaceuticals: prescribing patterns, treatment adherence, and patient perceptions of quality”, 2006-2010
- **Mary Garza**, BCHS – “Genetic, individual, and environmental factors in colorectal cancer risk among African Americans: examining the links”, 2006-2009
- **Caterina Rosano**, EPID – “Novel brain neuroimaging markers of age-related mobility impair”, 2006-2009
- **Janice Zgibor**, EPID – “Predicting cardiovascular risk in type 1 diabetes”, 2005-2007

Service

GSPH is home to more than 20 interdisciplinary research, practice, and service centers. The following is a sample of recent community service activities coordinated by GSPH centers.

The Center for Healthy Environments and Communities instituted a neighborhood gardening project at Healcrest Community Farm. The “Original Gardeners” project shows high school students how they can create change in the community while teaching them about important topics such as environmental health, nutrition, and sustainable community development. The program encourages the students to think about their career goals and to pursue further education; it also deepens relationships between the University, community groups, and neighborhoods.



∨ *Graduates of the CHA Ambassador Program*



The Center for Healthy Aging (CHA) continues to grow its presence in the Pittsburgh region. 500 area seniors attended two community outreach events (a picnic and a talent show and health fair). The CHA Ambassador program, which trains seniors to promote healthy living in their social circles, experienced continued success. CHA staff attended approximately 10 health fairs and presented approximately 20 lectures for community groups in Allegheny County.

The Center for Minority Health (CMH) coordinated new and established service activities. Each April, CMH hosts a variety of events for National Minority Health Month. In 2006, nearly 4,500 participants attended the kick-off, which offered health information, workshops, and family activities. The center also organized a film festival featuring four short movies and documentaries about the impact of HIV and AIDS on minorities and planned the “Community Walk for Healthy Babies and Families”. In September 2006, CMH’s Health Advocates in Reach (HAIR) project hosted the fifth “Take A Health Professional To The People” event. The HAIR project provides the infrastructure for CMH health promotion in local barbershops and beauty salons, with barbers and stylists trained as lay health advocates.



^ *CMH Health Advocates in Reach (HAIR) Project*

Looking Ahead

Dean's Scientific Initiatives

Dean Burke has announced his plans to strengthen GSPH research and teaching in three areas. Specifically, he proposes an increased scientific focus on **Computation in Public Health, Emerging Infectious Diseases, and Global Health**. Because all three of these areas are inherently trans-disciplinary, this will require development of new interschool collaborations. Computation in Public Health will require collaborations with computer scientists and engineers, Emerging Infectious Diseases with microbiologists and vaccinologists, and Global Health with international relations experts and other concerned faculty across the University. The dean has secured funding to launch these new initiatives.

Action in Public Health

GSPH will seek to forge closer ties with local and state public health agencies. Led by its Center for Public Health Practice and the Center for Public Health Preparedness, GSPH will strengthen relationships with the Allegheny County Health Department and with key state agencies, especially the Bureau of Epidemiology. A common theme will be how to apply the intellect and energy of GSPH faculty and students so as to influence the course of important public health issues in the Commonwealth.



Assistant Professor D.J. Perkins in the Kenya site of GSPH's Laboratories of Tropical Diseases



Strategic Planning Process

A strategic planning initiative was launched in 2007 to position GSPH to meet future public health challenges. A kick-off meeting was held in February, during which key University figures and Dr. Harrison Spencer, the president and CEO of the Association of Schools of Public Health, addressed faculty and staff. Interviews with individuals external to GSPH and a number of resource documents will serve as a foundation for this plan, which will also incorporate the goals and initiatives outlined above. This formal process will be completed in fall 2007 and ensure that GSPH remains at the forefront of public health research, teaching, and service.

Building Renovations

In 2006, the University of Pittsburgh allotted \$37.5 million for renovations of GSPH's two buildings, Parran and Crabtree Halls. This will be the largest renovation since the addition of Crabtree Hall in 1966. The renovations of approximately 200,000 square feet of the buildings will focus on the infrastructure of the buildings. A key component to the infrastructure upgrade will be updating the 34,000 square feet of laboratory space. It is expected that the renovations will lead to more efficient use of space, increasing the usable amount of space in the two building by 10 to 15%. The design, lead by STV Architects, is currently in process, with renovations to begin in late 2007. Planning for the additional renovations of the programmatic space is currently underway.



< Dr. Monto and Mrs. Carol Ho

Did you know...

A life income gift, such as a charitable gift annuity, allows you to receive income while making a significant gift to GSPH. Benefits may include immediate tax deduction, income payments for life, and reduced estate taxes.

Development

New Funds

We are pleased to report that giving to GSPH remained strong in FY 2006, attributable again to the generosity of both individual and corporate/foundation donors. We thank you again for your contributions to GSPH, some of which came through eight new funds established at GSPH during the past year:

- **Monto and Carol Ho Chair in Infectious Diseases and Microbiology** — Professor emeritus and former chair of GSPH's Department of Infectious Diseases and Microbiology, Monto Ho, MD, and his wife, Carol Ho, pledged \$2 million to GSPH to establish an endowed chair.

- **Detre Scholar Award** — GSPH established this award to honor the life and career of Katherine M. Detre, MD, DrPH, distinguished professor of epidemiology at GSPH and director of the school's Epidemiology Data Center (EDC). The award supports doctoral or post-doctoral students within the Epidemiology Data Center who display the highest level of scholarship and commitment to public health.
- **Jay L. Foster Memorial Lecture Series on Alzheimer's Disease** — The Foster Charitable Trust renewed funding for five years for the Jay L. Foster Memorial Lecture Series in Alzheimer's Disease.
- **William T. Green, Jr. Award in Public Health Studies** — William T. Green, Jr., MD (MPH '01) established a fund to provide financial assistance to degree-seeking GSPH students wishing to undertake research, travel, special projects, or other experiences.
- **Hunter Group Health Policy & Management Student Scholarship Award** — David P. Hunter (MPH '70) established a scholarship for students in the Department of Health Policy & Management. Mr. Hunter is the co-founder and CEO of The Hunter Group, a nationally recognized healthcare consulting and management company.
- **Thomas and Jody Priselac Endowed Fund for Health Care Leadership** — The Priselacs established this fund to provide permanent discretionary financial support for GSPH's Department of Health Policy & Management. This gift was designed to help provide the dean with adequate discretionary funds for the successful and effective operation of the school.
- **Dr. Russell Rule Rycheck Student Award in Public Health** — A group of former and current GSPH faculty came together to honor the legacy of Dr. Russell Rule Rycheck, who retired from GSPH in June 2006. Drs. Ronald LaPorte, Joanne McVay, Trevor Orchard, and Evelyn Talbott established the award.
- **Evelyn H. Wei Scholarship Award in Epidemiology** — Don and Yuling Wei established a scholarship to honor the passing of their daughter, GSPH graduate Evelyn Wei (PhD '99).

Student Scholarship Success

Through the generosity of donors, the number of scholarships offered by GSPH has expanded from seven to 21 over the past five years. These scholarships benefitted 32 students in 2006.

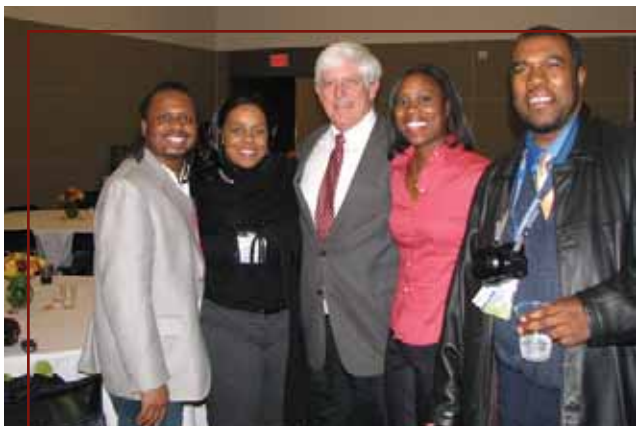
Giving by GSPH Alumni (thousands)



▼ Recipients of the Evelyn Wei scholarships pose with Don and Yuling Wei at the December 2006 Student Awards Luncheon



GSPH Happenings



^ Dean Burke with students and alumni at APHA conference – November 6, 2006



^ Community group discussions at the Jay L. Foster Memorial Lecture in Alzheimer's Disease – November 21, 2006



^ Lecture committee enjoying the John C. Cutler Global Health Lecture – September 29, 2006



^ Alumni speaking with Dean Burke at Winter Academy in Naples – February 2, 2007



^ Kollo Basille, MD, ScD, Director of Human Resources, Cameroon Ministry of Public Health, at Global Health Conference, October 6-7, 2006



^ Children of alumni learning about animals at the GSPH Roars!!! fundraising event – September 9, 2006

Did you know...

GSPH is proud to have 5,513 alumni. The first graduating class was the class of 1951.

For Further Information

www.publichealth.pitt.edu

The GSPH website is a great source of information for:

- Upcoming events
- News articles featuring GSPH
- Video downloads of past GSPH and Pitt lectures



PublicHealth Quarterly

You can expect the next issue of GSPH's *PublicHealth Quarterly* in May 2007. Past issues can be viewed on the GSPH website.



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2006
YEAR IN REVIEW

Thank You!



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