



















Dean's Awards for Innovation in the Curriculum Supports new course development, teaching innovation, or enhanced design or delivery (total of \$40,000 available) • 2005-2006 Award Recipients: – Lydia Zablotska and Dan Herman: "Epiville – Interactive Web Modules in Epidemiology" – Joyce Moon Howard: "Community Based Participatory Research" Paul Brandt-Rauf, Bob Fullilove, Mark Becker, and **Meredith Golden:** "Development of Public Health GIS Course" a collaboration with the Earth Institute Melissa Begg, Roger Vaughn and Bruce Levin: "Enhancing the Core Course in Biostatistics" – Tom Ference and Paul Thurman: "Comparative Strategy Analysis" Columbia University MAILMAN SCHOOL OF PUBLIC HEALTH













Mailman School's New Online Newsletter

- Launched in December 2005, *At the Frontline* provides a vehicle to deliver timely news to a broad audience
- Provides flexibility to cover our research, teaching, and service initiatives, faculty and student news, events, and more
- Distributed to more than 7,500 Mailman School alumni, friends, faculty and staff, and other public health professionals



Steering Committee Updates

- Compensation for Teaching
 - Agreement reached with Policy Advisory Committee (PAC) on guidelines for, and levels of, compensation for teaching, with the few remaining details to be finalized this month
 - Focuses on classroom instruction of MPH core courses and departmental required courses for masters students
 - Guidelines will take effect Fall 2006 and will be fully phased in over three years
 - Steering Committee will send the final guidelines to the faculty later this month
- Template for Faculty Letters of Hire
 - Agreement on the key elements to be included in letters of hire for full time faculty with a primary appointment in Mailman School
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Staff Awards for Excellence

- 11 receive Staff Awards for Excellence
- New awards build on Staff Diversity Subcommittee recommendations to enhance staff recognition



Yasmin Davis (SMS) Ann Hutzelmann (EHS) Lee Marsi (EHS) Nadine Nader (SMS) Andrew Thompson (ICAP) Marvin Walton (PFM) Marlyn Delva (OSA) Leslie McHale (BIO) Sonia Montiel (EPI) Ruben Santiago (PFM) Liliane Zaretsky (EPI)











Statistical Analysis Center

- Ongoing NIH-funded Randomized Clinical Trials (RCT)

 Warfarin vs. Aspirin for heart failure and stroke: 69 sites in US and Canada and 70 sites in Europe
 - High Dose Coenzyme Q10 for ALS
 - Acute Ischemic Stroke
- Advanced RCT designs
 - Developed innovative two-stage designs and selection procedures that reduce follow-up and patients required for Phase II trials
- MSPH and CUMC Collaborations
 - Statistical and Data Management operations for 12 NIEHS P-30 Center studies and eight other epidemiological projects







Columbia Center for Children's Environmental Health (CCCEH)

- Since its establishment in 1998, CCCEH has received funding of \$20.8M from government and private groups
- Cohort study in northern Manhattan and the South Bronx (>700 mother/child pairs) revealed:
 - High prenatal exposure to air pollutants associated with >2x greater risk of cognitive development delay at age 3
 - High prenatal exposure to pesticide chlorpyrifos associated with psychomotor and cognitive delay and symptoms of attention disorders at age 3

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Centre for the AIDS Program of Research in South Africa (CAPRISA)

Collaboration among MSPH Epidemiology, Universities of KwaZulu-Natal, Capetown, Western Cape, and the SA National Institute of Communicable Diseases



- One of 3 comprehensive AIDS research centers funded by NIH outside US
- Named UNAIDS Collaborating Center in 2005
- \$54M in active projects, supported by NIH and USAID

- Published 10 major journal articles in 2005-2006
- The Center conducts cutting-edge HIV/AIDS research while training new generation of South African researchers and building self-sustaining research infrastructure

The Columbia Center for Youth Violence Prevention

- CDC funded "academic center of excellence" partners with the community to prevent youth violence:
 - Collaborates with community members and partners in education, justice and social work
 - Develops action plans based on community priorities
 - Translates scientific study into usable programs
 - Received \$4.3M in 2005 to continue through 2010









- The first book from the World Cites project, Growing Older in World Cities, (Victor Rodwin, Michael Gusmano, Eds.) was just published by Vanderbilt University Press
- A second book, focusing on access to health care, will be completed later in 2006
- Funders include Robert Wood Johnson Foundation and Health Care Foundation of NJ





HRA Evaluation

- A multi-disciplinary team is running first external evaluation of NYC Human Resource Administration (HRA). This organization operates one of the largest Medicaid programs as well as related service programs
- Several program changes initiated in 2004
 - Umbrella agency with authority for Medicaid, HIV services, etc.

- New user-friendly model offices to facilitate enrollment in all programs
- Mail renewal for Medicaid eligibility
- Evaluation due January 2007
- Funding source: NYC HRA



Rapid (90 Day) Curriculum Review

- Identified faculty and alumni satisfaction with curriculum and determined strengths and/or gaps using a Web-based survey:
 - 70% of alumni responded and 80% of teaching faculty
- Findings
 - Strengths
 - Faculty expertise and accessibility
 - Emphasis on research and programmatic skill development, and service-based learning
 - Next Steps
 - Developing courses in demography, child health, grant writing, and specific reproductive health areas

- Seeking out international and non-NYC practica
- Expanding options for Capstone Paper











Columbia Center for Homelessness Prevention Studies (SMS & EPI)

- \$5M from the National Institute of Mental Health (NIMH) is supporting service research and intervention to address the public health issue of homelessness. This partnership with NYC agencies will:
 - Work with providers serving the homeless
 - Design early and new interventions that work in reallife service settings
 - Initiate prevention of housing loss and rapidly rehouse those already homeless
 - Work to overcome street homelessness
- This Center is the only NIMH-funded advanced center for homelessness intervention and service research



Studies of Religion and HIV

- Two NICHD supported projects examine the role of diverse religious groups and traditions in shaping HIV response at community and social policy levels
 - The Harlem Faith Community Study looks at historical and contemporary factors of why some Black Churches are involved in HIV/AIDS activities and others are not
 - Religious Responses to HIV/AIDS in Brazil is a 5year study documenting how Catholic, Afro-Brazilian, and Evangelical Protestant religious groups shaped HIV/AIDS policies and responses

Landmark Rhode Island Lead-Paint Case

- Rhode Island sued lead-paint manufacturers to pay for lead-based paint removal in 300,000 RI homes. The state sued for costs related to preventing future harm, not for past damages to child health:
 - The state won in February 2006 setting a legal precedent--the use of law to protect the public before a product causes harm
 - SMS faculty gave expert testimony, presenting historical evidence that manufacturers knew about dangers of lead paint for almost a century
 - Cost estimates for lead abatement measures are between \$1B - \$3B
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Enhancing Family Caregivers' Strengths and Skills in Managing Older Cancer Patients' Symptoms

- With \$3M in funding from the National Cancer Institute, the Center for the Psychosocial Study of Health and Illness implements a family caregiver education and training program designed to reduce and overcome barriers to the delivery of care to elderly minorities with cancer
- Collaborating with Community and Migrant Health Centers to provide problem-solving skills training to families of elderly, lower-income cancer survivors to aid symptom management







InCHOIR: Patient Safety

- Developed Web-based Event Reporting System in collaboration with CUMC Pathology Dept., with funding from AHRQ and NHLBI, that captures patient harm and "near miss" events; assesses error epidemiology
 - Introduced into NYPH hospital and outpatient clinic network; will be introduced in two major academic medical centers and several regional hospitals in the Netherlands
 - Over 17,000 events captured
 - Software is being modified to capture patient reporting

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National Center for Disaster Preparedness: Partnerships

• The Center continues to develop strong partnerships as it works to study, analyze, and enhance ability to prepare for and respond to major disasters, including terrorism

Partners

Academic	National	State	Local
UAlbany	US DHHS	NYS DOH	NYPH
UMDNJ	US DHS	Hawaii State DOH	NYC DOHMH
Tulane	US Depart of Education	Puerto Rico DOH	NYC OEM
	American Red Cross		NYC Depart. Of Educ.
	ASPH		Westchester Co. DOH
	AFSA		Putnam Co. DOH
	The Children's Health		Orange Co. DOH
	Fund		Broome Co. DOH
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National Center for Disaster Preparedness: Highlights

- Trained approximately 20,000 health care professionals and MSPH students in various preparedness and response topics
- Partnered with Children's Health Fund on Operation Assist to aid Katrina survivors; conducted important field study of the displaced currently living in FEMA trailers
- The Center's national public opinion surveys on preparedness have received national recognition

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National Center for Children in Poverty (NCCP): Project THRIVE

- Project THRIVE, a new 5-year public policy analysis and education initiative in cooperation with the Maternal and Child Health Bureau, promotes healthy child development:
 - Ensures that families have access to integrated high-quality health care, child care, early learning and intervention, and parenting support
 - Helps states strengthen and expand early childhood systems through policy analysis and research syntheses

National Center for Children in Poverty (NCCP): Making Work Supports Work

- The Making Work Initiative was funded in 2005 by the Annie E. Casey Foundation to promote work support policies (e.g., public health insurance, child care subsidies) that:
 - Provide adequate family resources
 - Reward progress in the work force
- NCCP's Family Resource Simulator shows that current policies for low-income working families fall short of these ideals
- Working with state-based organizations to research and promote policy alternatives
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- ICAP providing care to more than 100,000 HIV-infected people, including over 30,000 people on antiretroviral treatment
- ICAP supports comprehensive, family-focused HIV care and treatment programs in 15 countries around the world using multidisciplinary teams to provide technical and programmatic support
- By 2009, ICAP plans to provide HIV care and services to more than 190,000 HIV-infected people worldwide, including antiretroviral treatment to more than 116,000

