

The State of the Department of Public Health

FY2007-08

Positioned for the future



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Topics

- Scientific contributions
- New and noteworthy
- By the numbers
- Future directions



Scientific contributions

A partial (but illustrative) list



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Scientific contributions

- SCORED questionnaire predicts chronic kidney disease better than current guidelines – Bang, Mazumdar, Kern
- Genetic testing is cost-effective in guiding HIV treatment – Schackman
- Minimally conscious TBI patient improves with deep brain stimulation – Schiff, Fins
- Vit D deficiency more prevalent in AAs, females, obese – Saintonge, Gerber, Bang
- OR modeling makes HIV treatment scale-up more efficient – Xiong, Hupert, Hollingsworth
- Adolescent perception of social benefits important in future health behavior – Epstein, Griffin, Botvin



Scientific contributions

- ICD commonly implanted by very low volume providers & outcomes worse - Lyman, Mushlin
- Electronic lab results reporting associated with higher ambulatory care quality – Kern, Kaushal, Barrón-Vaya
- Different information exchange desirable for informed consent in Islamic cultures - del Pozo, Fins
- Epidemiological evidence needed for TBI Rx guidelines - Fins, Gerber
- Ethics consultations and quality linked - Nilson, Acres, Tamerin, Fins



New and noteworthy

(again, illustrative-not complete)



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New and noteworthy

- Outcomes and Effectiveness Research: new chief and new directions
- Health Policy fully established
- Biostatistics/Epidemiology expanded
- CTSC: Biostatistics, Research Ethics, Community Research, Graduate education
- CERT: TJR registry and pilot projects begun
- Interdepartmental Quality and Clinical Informatics programs, including HITEC, developed



New and noteworthy

Division of Quality and Clinical Informatics

- Joint sponsorship – Pediatrics & Public Health
- Rainu Kaushal, MD, MPH, Director
- 4 FT & 6 PT faculty; 7 research staff; 2 administrative staff
- \$2.987 million dollar operation
- 12 active grants & contracts: Federal, State; Foundations, Health Plans and Community



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New and noteworthy

- Awards/Appointments/Honors
 - Fins, RWJF Investigator in Health Policy
 - Hupert, inaugural Director of CDC's Preparedness Modeling Unit
 - Gold, Trustee of the Board of SMDM
 - Mamtani, Best Teaching Award and Acting Dean for Student Affairs at WCMC/Qatar
 - Bang's "Blinding Index" incorporated into STATA



New and noteworthy

- Awards/Appointments/Honors (cont.)
 - Carrillo, Poussaint Lecture at Harvard
 - Drusin, ACP Bruce Memorial Award for contributions in preventive medicine
 - Botvin, Recognition Award from SPR
 - Rodríguez del Pozo, Qatar National Health Authority, Committee on Research Ethics and Bio Bank Scientific Committee
 - Mazumdar, Appointment to Epidemiology of Cancer Study Section, NIH



New and noteworthy

- Grants (illustrative...not inclusive)
 - RWJF: Cost-effectiveness of Buprenorphine - Schackman, Beeder
 - Pfizer Health Policy: Improve Antidepressant Adherence in the Elderly – Bao
 - NYS Health Foundation: Informing Health Care Reform Options for New York State – Cornell Ithaca & Schackman
 - NIH/NCI: Outcomes for Early Stage Breast Cancer - Gold (collaboration with BU)



New and noteworthy

- Grants (continued)
 - NSF: Do Biotechnologies Threaten Human Dignity? – de Melo-Martín
 - AHRQ: Models and Tools for Mass Casualty Surge Requirement – Hupert (Sub-Contract with Abt Associates, Inc.)
 - NIDA: Long-term effects of school-based drug abuse prevention program – Griffin
 - AHRQ: quality metrics for HIT and HIE – Kaushal, Kern, Barrón-Vaya



New and noteworthy

■ Grants (continued)

- NIH: Prognostic Modeling for Esophageal Cancer (excellent peer-review scores; being evaluated for funding) – Zhou, Mazumdar
- NIH/NIAAA: Adolescent Alcohol Use and Young Adult Psychosocial Functioning (excellent peer-review scores; being evaluated for funding) – Griffin, Bang
- HHS: Surge Capacity Through Technological Innovation – Hupert (sub-contract with U.C. Davis)
- CTSC Pilot: Improved Assessment of Molecular Signatures - Zhou, Qin, Satagopan



New and noteworthy

- New grants since July 1, 2008
 - RWJF: self-management in under-represented black Americans – Gerber, Feldman, Bang, Chiu
 - NIAI: Pharmacogenomics of HIV Therapy – Schackman (subcontract with Vanderbilt University)
 - NIH/NIDA: Diffusion of Evidence-based Prevention (Botvin, Trochim, Tobias)
 - AHRQ/ACTION: Pandemic Preparedness – Hupert, Xiong
 - NHLBI: A Unified Approach to CEA – Bang



New and noteworthy

- Articles and Books
 - Journal publications: about 110
 - Books/Chapters: seven





Health Care and Human Rights: A World in Need



Health Systems Emergency Response Logistics



2008 Lubin Visiting Professorship: Shoshanna Sofaer



HITEC Quality Metrics Meeting



New and noteworthy

- Training
 - New K-30 courses:
 - Introduction to Biostatistics in Clinical Research (Barrón-Vaya, Mazumdar)
 - Survey Research & Questionnaire Design (Griffin)
 - Economic Evaluations in Health Care (Schackman, Gold, Bao, Elkin)
 - Statistical Methods for Observational Studies (Bang)
 - Advanced Seminars in the Ethics of Clinical Research (de Melo-Martin)



New and noteworthy

- Training (cont.)
 - Other new classes
 - Nutritional Epidemiology: Collaborative Program in Nutrition and Cancer Prevention for postdoctoral fellows (Mazumdar)
 - Perspectives on the Changing Healthcare Systems (POCHS) for medical residents (Fein)
 - Introductory Biostatistics for Radiologists (John)



New and noteworthy

- Training (cont.)
 - Public Health education in Qatar:
 - Public Health Clerkship adapted to focus on global health issues – Finkel, Mamtani
 - New Qatar Public Health faculty: Mamtani, Bener, Abu-Raddad



New and noteworthy

- New Faculty – primary
 - Yuhua Bao, PhD, Assistant Professor
 - Samprit Banerjee, PhD, Instructor (8/15/08)
 - Lawrence Casalino, MD, PhD, MPH, Assoc Prof (11/1/08)
 - Hassan Ghomrawi, PhD, MPH, Instructor
 - Majnu John, PhD, Instructor (8/15/08)
 - Ravinder, Mamtani, MBBS, MD, MSc, Professor-Qatar
 - Stefano Monni, PhD, Assistant Professor (9/1/08)
 - Mirella Salvatore, MD, Assistant Professor (9/1/08)



New and noteworthy

- Secondary Faculty:
 - Laith Abu-Raddad, PhD - Qatar
 - Ethan Basch, MD, MSc - Memorial Sloan-Kettering
 - Abdul Bener, PhD – Qatar
 - Carla Boutin-Foster, MD, MS – Medicine
 - Gina Bufe, PhD, RN – NewYork-Presbyterian Hospital
 - Refik Burgut, PhD – Qatar
 - Yan Ma, PhD – Hospital for Special Surgery
 - Vaishali Patel, PhD, MPH - Pediatrics
 - Sameer Malhotra, MD – WMC informatics
 - Rama Rao, MD – Emergency Medicine
 - Pina Sanelli, MD – Radiology
 - Jaya Satagopan, PhD – Memorial Sloan-Kettering
 - Mary Simmerling, PhD - RASP



New and noteworthy

- Voluntary, Courtesy & Adjunct
 - Pamela Buchbinder, MD
 - Eugenia Curet, PhD
 - Jacqueline Ehrlich, MD, MPH
 - Katherine Golar, MD
 - Madeleine Schachter, JD
 - Wayne Shelton, PhD
 - Naomi Tamerin, MD
 - Michael Ushay, MD, PhD, MPhil



New and noteworthy

■ Promotions

Full-time

Nathaniel Hupert, MD, MPH, Associate Professor

Madhu Mazumdar, PhD, Professor

Xi (Kathy) Zhou, PhD, Assistant Professor

Secondary/Affiliate

Carla Boutin-Foster, MD, Associate Professor &
Laitman Scholar

Martin Lesser, PhD, Clinical Professor

Andrew Vickers, D.Phil, Associate Professor



New and noteworthy

- Fellows & Residents
 - Michael Herman, MD
 - Alisa Koval, MD, MHSA
- Emeritus
 - Eric Cassell, MD
 - Hirsch Ruchlin, PhD



By the numbers...

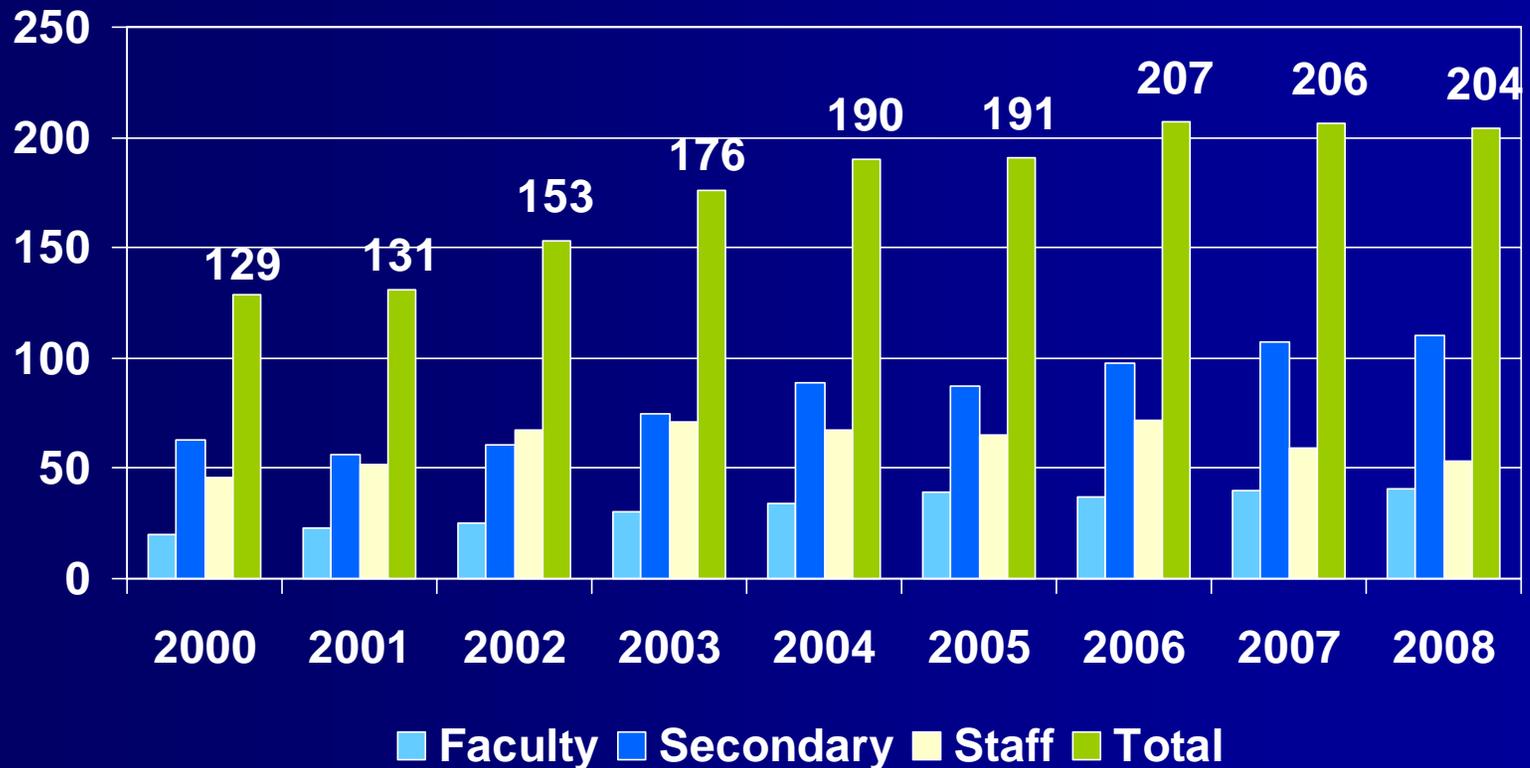


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People

as of June 30, 2008



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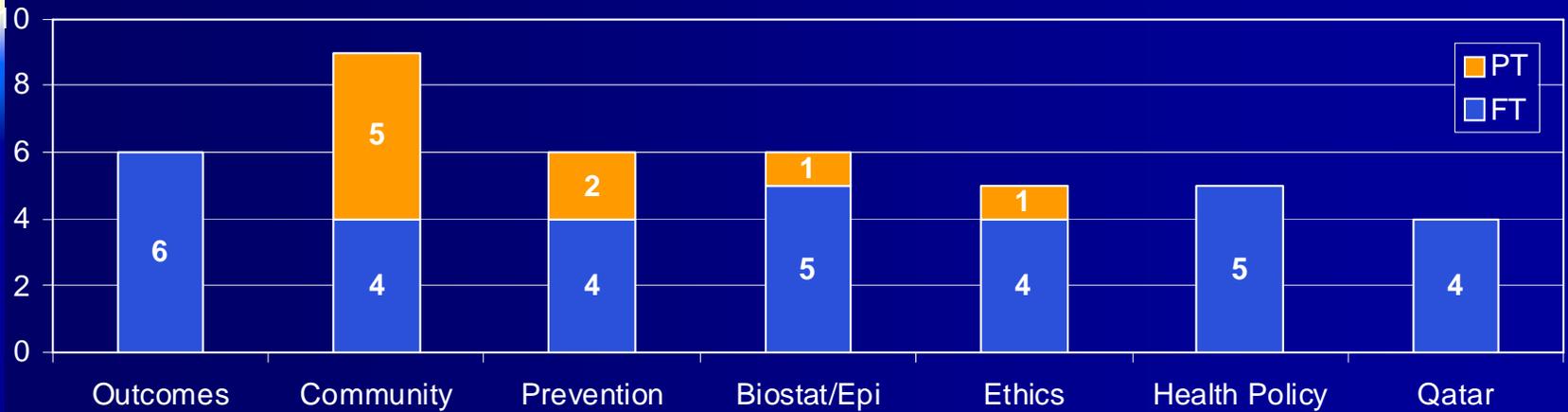
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Our faculty

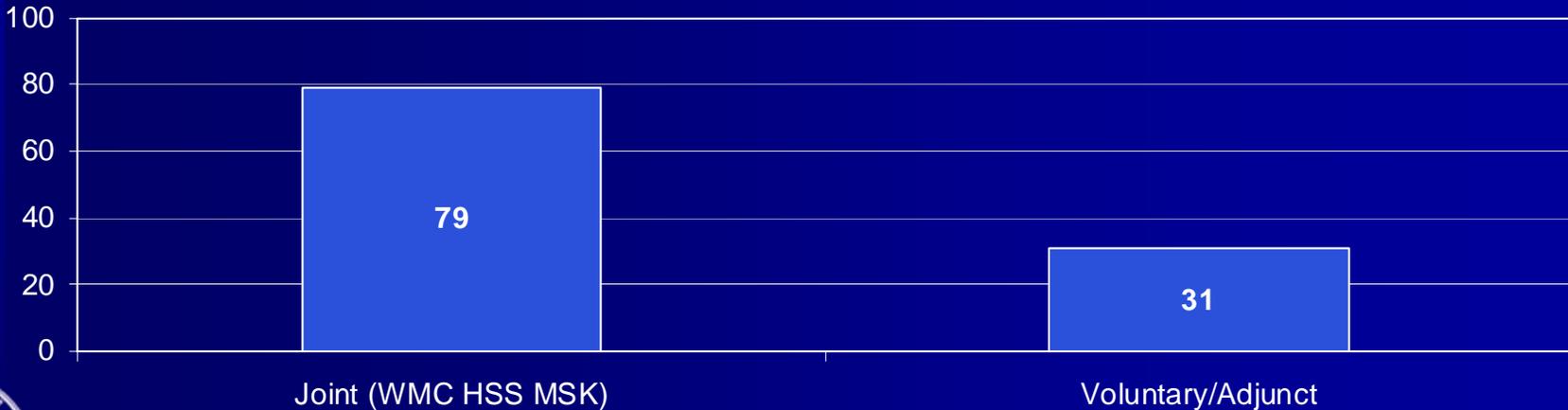
as of June 30, 2008

151 Faculty

41



110



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Faculty – how do we compare?

GENDER /RANK

	M	F
Public Health	47%	53%
Basic Science	58%	42%
Clinical	59%	41%

	Basic Science		Public Health		Clinical	
	M	F	M	F	M	F
Professor	37%	31%	40%	18%	28%	10%
Associate Professor	23%	20%	13%	18%	27%	19%
Assistant/Instructor	40%	49%	47%	64%	45%	71%
N=	108	78	15	17	550	376

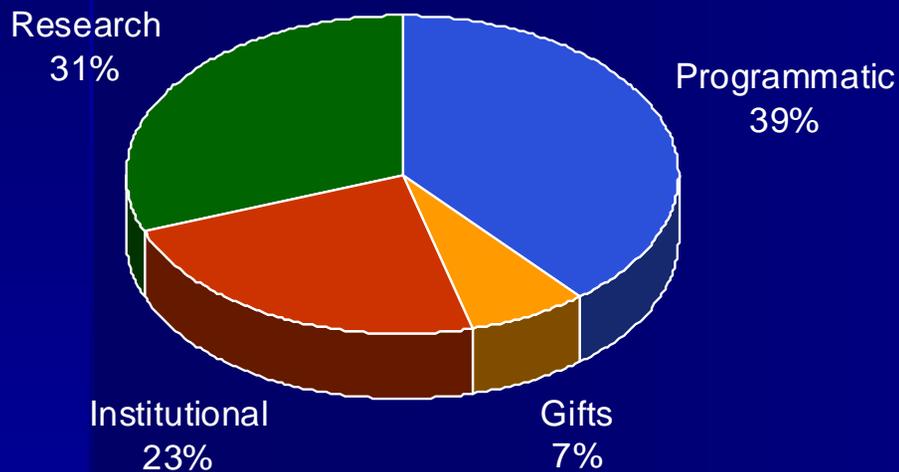


Our "financial" profile

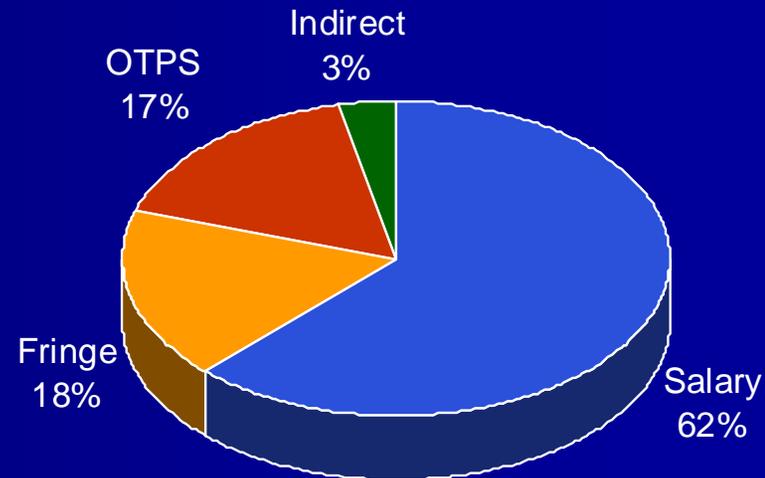
FY07-08

\$13,700,629

Sources



Uses

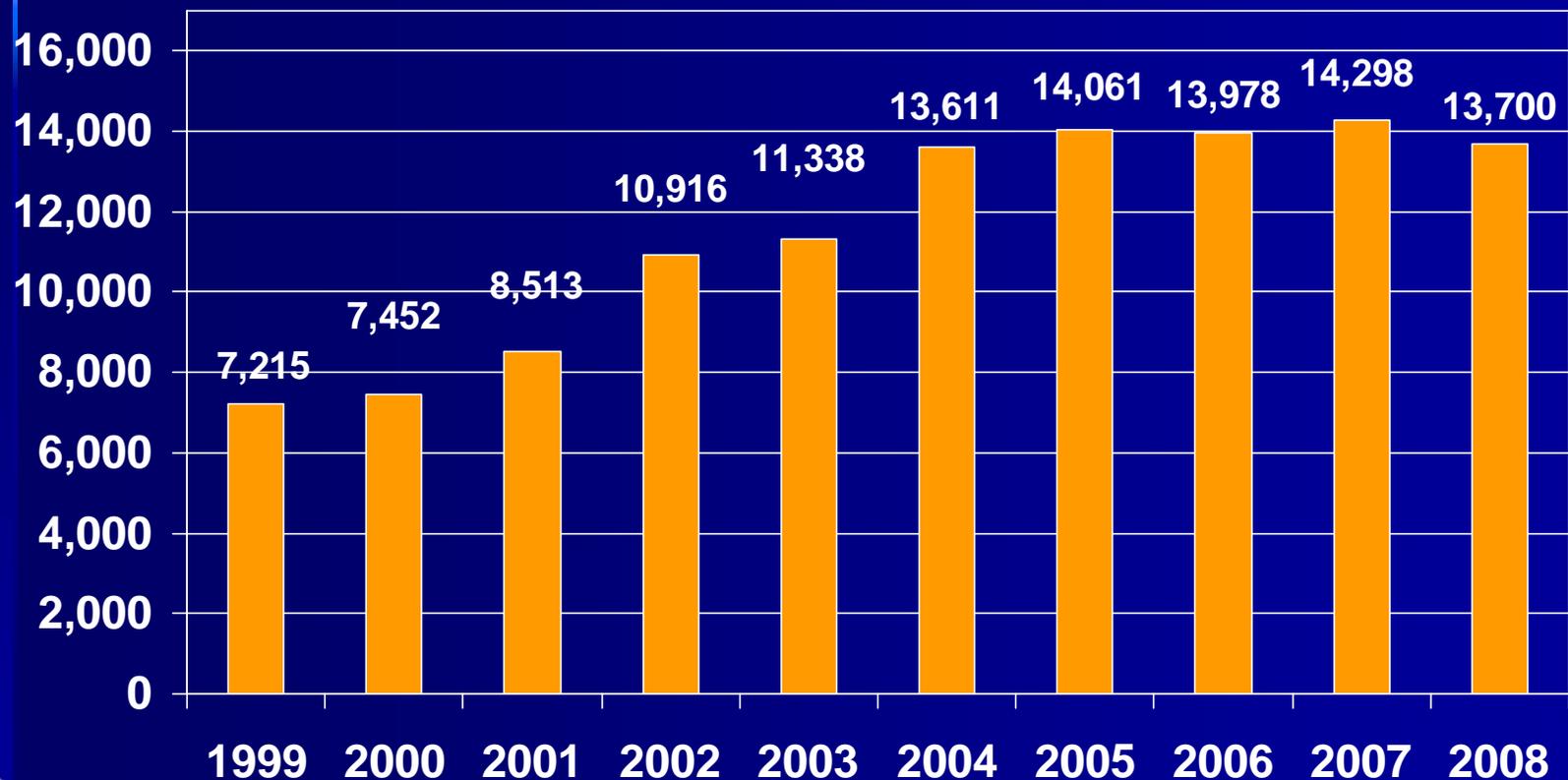


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Operation – relatively stable

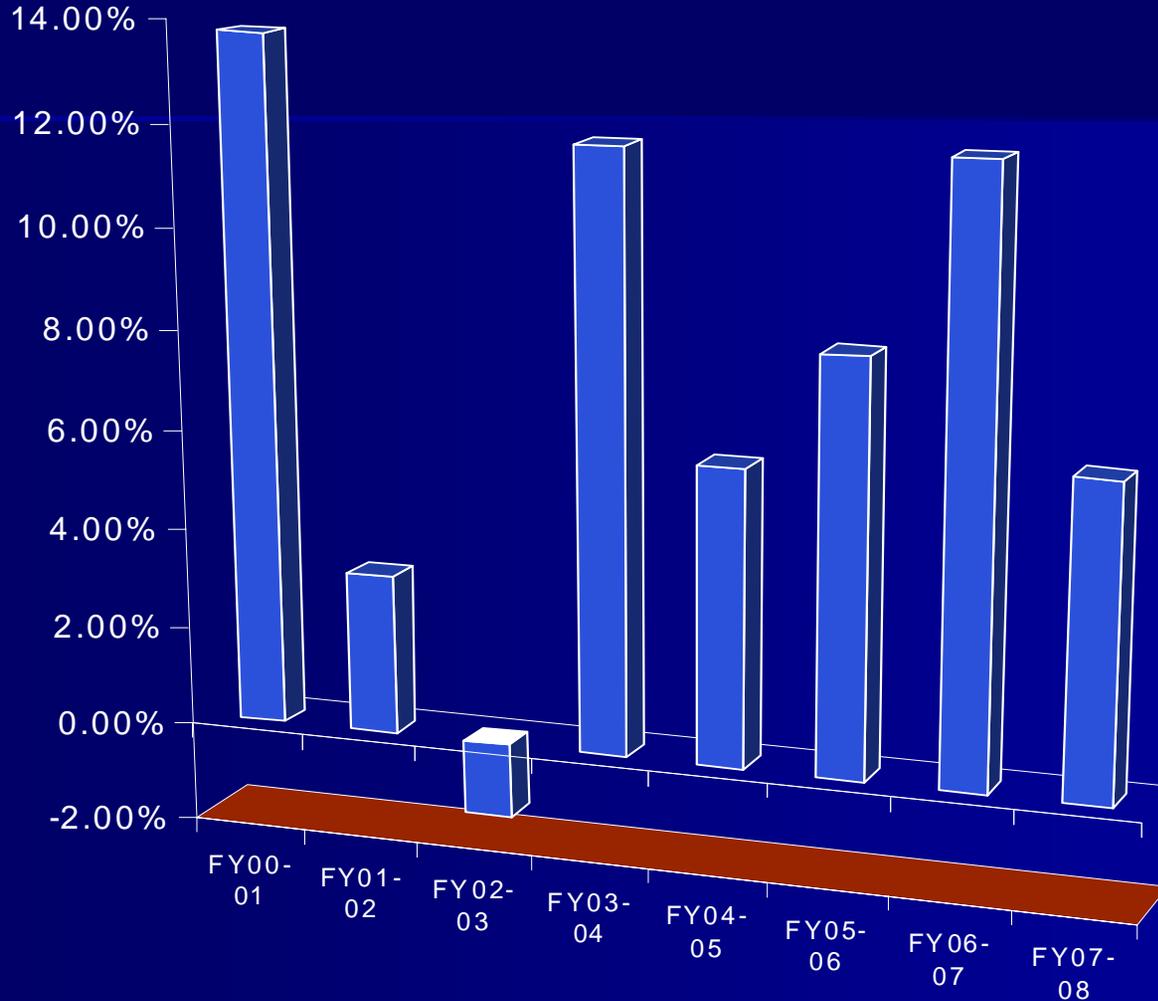
(annual operation – expense side)



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Growth of departmental reserves (year-over-year change)



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Future directions



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Future directions

■ Research

- Develop and Expand Outcomes and Effectiveness Research
- Quality and Clinical Informatics research/programs to grow, including initiatives with NYPH
- Continue to expand CTSC collaborative initiatives
- Establish and promote Institute of Disease and Disaster Preparedness
- Prevention division programs to expand scope and size
- Enhance community research agenda



Future directions

- Research (cont.)
 - Establish Consortium for the Advanced Study of Brain Injury (CASBI) at WCMC and The Rockefeller University (Fins, Schiff)
 - New Qatar research initiatives
 - Extend current Qatar diabetes/heart disease research to include genetics (Mushlin, Ghomrawi, Crystal)
 - Women's health research project (Gerber, Murphy, Bang)
 - Infection and childbirth complications (Finkel, Witkin)
 - Informed consent in Qatar (Rodríguez del Pozo, Fins)



Future directions

■ Education

- Further develop elective courses and outcomes/health services track in MS in Clinical Investigation
- Evaluate and develop medical school curriculum
- Expand educational programs in Qatar
- Explore new relationships with Hunter and Columbia Schools of Public Health



Future directions

■ Service

- Continued hospital collaborations with quality assurance initiatives
- Continue and develop community outreach initiatives in conjunction with CTSC
- IDDP to work with hospital for disaster preparedness initiatives
- Reorganization of methadone clinics and Midtown Center



Future directions

- Infrastructure
 - Design and relocate to new departmental space on 67th Street – December 2008
 - Implement new college financial and administrative systems across department



400 East 67th Street



The Building:

The Laurel Condominium
Glass and limestone
31 stories / 129 residences

WMC - Public Health:

Private entrance on 67th Street
3 floors (2nd floor, 1st and 2nd concourse)

Category	Kips Bay	400 E 67 th	change
Offices	28	43	+15 (54%)
Cubicles	34	42	+ 8 (24%)
Resident suite	4	6	+ 2 (50%)
Conference room seating	40	82	+42 (105%)
Median	112	130	+ 18 (16%)
Total DGSG	12,060	18,500	+6,440 (53%)



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- Thanks
- Questions?
- Comments?



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