Spring 2011
Faculty and Staff Meeting
April 26, 2011
Topics Today

- Rankings
- Who we are
- Research
- News & tools
- SPH2020
- Challenges & opportunities
- #1 public school of public health
- #2 overall, behind Hopkins
Public SPHs

1. Gillings School of Global Public Health
2. Michigan
3. Washington
4. Berkeley
5. Minnesota

All SPHs

1. Johns Hopkins
2. Gillings School of Global Public Health
3. Harvard
4. Michigan
5. Columbia
HPM 3rd
health care management

ESE 11th (tied)
schools of engineering

Public Health Nursing 11th (tied)
Great Faculty and Staff
Special Recognition
(Fall 2010-present)

Thomas Ricketts, MSPH, PhD
Professor, HPM
National Health Care Workforce Commission

Elizabeth J. Mayer-Davis, PhD, RD
Professor, NUTR
National Prevention Council - Advisory Group on Prevention, Health Promotion and Integrative and Public Health
Special Recognition
(Fall 2010-present)

Morris Weinberger, PhD
Distinguished Professor, HPM

Bryan Weiner, PhD
Professor, HPM

UNC Sheps Center’s Distinguished Investigator Awards
Special Recognition
(Fall 2010-present)

John E. Paul, PhD
Clinical Professor, HPM
UNC Teaching Award for Distinguished Post-Baccalaureate Instruction

Sandra Martin, PhD
Professor, MCH
Women’s Leadership Council Mentoring Award
Special Recognition  
(Fall 2010-present)

Rachel Stevens, EdD, RN  
Clinical Professor and NCIPH Senior Advisor  
Ronald H. Levine Legacy Award  
from N.C. DPH for Public Health Service to N.C.

James Swenberg, PhD  
Kenan Distinguished Professor, ESE  
Paper named best of the year  
by Society of Toxicology
Special Recognition
(Fall 2010-present)

Steven Zeisel, MD, PhD
Director, Nutrition Research Institute
Kenan Distinguished Professor, NUTR
NIEHS Environmental Health Award

Bert Peterson, MD
Kenan Distinguished Professor, MCH
Honorary Fellow of United Kingdom’s Royal College of Obstetricians and Gynecologists
Special Recognition
(Fall 2010-present)

Greg Characklis, PhD
Associate Professor, ESE
2011 Leopold Leadership Fellow
(from Stanford University’s Woods Institute for the Environment)

Jessica Lee, PhD
Associate Professor, HPM
Presidential Early Career Award
Special Recognition
(Fall 2010-present)

Laura Linnan, PhD
Associate Professor, HBHE
UNC’s Bryan Public Service Award

Alice Ammerman, PhD
Professor, NUTR
Brooks Award for Public Service
Special Recognition
(Fall 2010–present)

Bill Zelman, PhD
Professor, HPM
UNC’s Greenberg Alumni Endowment Award for Excellence in Teaching, Research and Service

Peter Kolsky, PhD
The World Bank
UNC’s Barr Distinguished Alumni Award for Achievements and Contributions to the Field of Public Health
Special Recognition
(Fall 2010-present)

Hongtu Zu, PhD
Associate Professor, BIOS
Election to the Fellowship in the Institute of Mathematical Statistics
David Richardson, MSPH, PhD
Associate Professor, EPI

- Expert in radiological health
- Leading expert on the Fukushima power plant after the earthquake and tsunami damaged the plant
- Focus on health of nuclear workers
UNC
GILLINGS SCHOOL OF
GLOBAL PUBLIC HEALTH

Our great students
Special Recognition (Fall 2010-present)

Carmesia Straite, Takeila Stringfield, Justin Wright, HPM Master’s Students
3rd place - National Association of Health Services Executives 15th Annual Everett V. Fox Student Case Competition

Nathan Barbo, Emily Stallings, Andy Wilkinson, HPM Graduate Students
3rd place, UA-Birmingham’s annual health care case competition
Special Recognition
(Fall 2010-present)

Yingqi Zhao, *Biostatistics student*
American Statistical Association’s Statistics in Epidemiology Young Investigator Award

Mary Cooper, *ESE student*
2011-2012 Student Body President

Yu Zhou, *Incoming BSPH student*
2011 winner: *Davis Projects for Peace*
### Special Recognition

**(Fall 2010-present)**

12 current and former SPH undergraduates inducted into Phi Beta Kappa

<table>
<thead>
<tr>
<th>Name</th>
<th>Program</th>
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<tbody>
<tr>
<td>Elizabeth Marie Blayaney</td>
<td>ESE</td>
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<tr>
<td>Katherine Wesley Byerly</td>
<td>HPM</td>
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<td>Dori Cross</td>
<td>HPM</td>
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<tr>
<td>Paul Jeffrey Hiatt</td>
<td>ESE</td>
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<tr>
<td>Katherine Meredith Hunold</td>
<td>BIOS</td>
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<td>Charles Albert LePrevost</td>
<td>HPM</td>
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<td>Robyn Nicole Levine</td>
<td>NUTR</td>
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<tr>
<td>Brittany Nicole Papworth</td>
<td>ESE</td>
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<tr>
<td>Sendhilnathan Ramalingam</td>
<td>BIOS</td>
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<tr>
<td>Rebecca Rothwell</td>
<td>BIOS</td>
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<tr>
<td>Michelle Ashley Tsang</td>
<td>ESE</td>
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<tr>
<td>Leah Danielle Vance</td>
<td>ESE</td>
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Special Recognition
(2011 Impact Awards)

Heather Beil, *HPM student*
Effects of Early Preventive Dental Care on Treatment Use, Expenditures, and Dental Disease

Ruchika Goel, *EPI student*
Studying Moms’ Medical Radiation Exposure and Possible Links to Disease

Zulfiya Chariyeva, *HBHE student*
Safer Sex Counseling and Risky Sexual Behavior Among People Living with HIV in North Carolina
Virginia Guidry, EPI student
Student Respiratory Health in Schools Near Industrial Hog Operations

Alison Sanders, ESE student
Raising Awareness of Contaminated Well Water in North Carolina
Who We Are Now
World Class Faculty

- 56% of faculty tenured/tenure-track
- Mean age = 50
- 14 named distinguished professors

- White/Caucasian 83%
- Asian 9%
- Black/African Amer. 5%
- Hisp/Latino 3%

Percent Female Faculty

- 2005: 48%
- 2006: 47%
- 2007: 47%
- 2008: 49%
- 2009: 49%
- 2010: 52%
- 2011: 53%
Faculty & Staff Diversity
Race / Ethnicity

Faculty

Staff

Majority
Non-Majority

2002 2003 2004 2005 2006 2007 2008 2009 2010 2011

2002 2003 2004 2005 2006 2007 2008 2009 2010 2011
SPH Faculty Salary Sources

$11.0
$11.1
$11.7
$12.6
$13.6
$14.7
$22.2
$23.6
$25.7
$26.5
$27.2
$27.9

FY2006
FY2007
FY2008
FY2009
FY2010
FY2011

Millions

C&G
Total

~52% of faculty salaries covered by grants and contracts
Student Body
(2010-2011)

- 1,749 students
- Enrollment 6% over the last 5 yrs.
- 60% North Carolina residents
- 70% female

Fall 2010 student enrollment
- Undergrad 10%
- Masters 47%
- Certificate 12%
- Doctoral 31%
- 37% Minority
- 53% White
- 10% Other or Unknown
Incoming Students’ Race / Ethnicity (8/10)

Applications
- Non-Majority
- Majority
- Other
- Unknown

Acceptances
- Non-Majority
- Majority
- Other
- Unknown

Matriculation
- Non-Majority
- Majority
- Other
- Unknown

- We matriculate ~ 26% minority students.
- Other not a category as of 9/2010.
- Some unknowns are probably minority.
### DOE’s Categorical Changes for Race / Ethnicity

#### Old Response Options
- American Indian or Alaskan Native
- Hispanic
- Asian or Pacific Islander
- Black
- White
- Other

#### New Response Options
- Hispanic/Latino any race *(ask 1st)*
- American Indian/Alaskan native
- Asian
- Black or African American
- Native Hawaiian/Pacific Islander
- White
- Can pick one or more race options

#### New Federal Categories
- American Indian or Alaskan Native
- Asian
- Black or African American
- Native Hawaiian or other Pacific Islander
- Hispanic of any race
- White
- Two or more races
Research
Our Cutting Edge Research

- ~400 individual research awards every year
- We're on target to exceed all prior years.
- Awarded dollars are 16% ahead of this time last year.

### Fiscal Year End Awards

<table>
<thead>
<tr>
<th>Year</th>
<th>Awarded Dollars</th>
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<tr>
<td>2009</td>
<td>$150.2</td>
</tr>
<tr>
<td>2010</td>
<td>$142.4</td>
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<tr>
<td>2011</td>
<td>$127.0</td>
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### 2011 Sponsor Profile

- Federal 45%
- Foundation 5%
- Industry 11%
- Other 22%
- State 16%
Gillings Innovation Labs (GILs)

18 GILs to date, including:

- **Identifying sources of environmental pollution:**
  - Removing nitrogen, recovering energy from hog waste

- **Microfinance and health**

- **Water-testing for contamination goes portable**

- **Seamless, accessible, 21st C. global classroom**

- **Defeating respiratory disease in children**
Gillings Gift Investments FY11

- Innovation Labs: 63%
- Visiting Professors & Executive in Residence: 16%
- Strategic Investments: 12%
- Students: 10%
Saving Lives through Portable Water Testing
Ceramic Filters Improve Health in Cambodia

- Diarrheal diseases 46%
- Local materials
- Less than $10
- Last 3-4 years
“To support science and technology, we are promoting innovation in many places...For example...[USAID] has worked with the private sector to open a ceramic water filter factory in Cambodia. With ceramic filters, people no longer need to boil water to make it safe to drink, so they don’t need to burn as much wood or charcoal, which in turn reduces greenhouse gases. And the plant has even applied to receive carbon credits for future sales.”
Pan-University Theme
Fund Raising Results FY11

- Raised $20.1M
- 461% in new commitments
- 17% in cash and new commitments
- 6% in donors
- 10% in grant dollars
- 15% in gift dollars
$125M campaign

- Cervical cancer-free initiative
- Innovation professorships
- Innovation scholarships
- Innovative teaching spaces
- Maternal mortality initiative
- Water Institute solutions
- Innovation laboratories

$3.3M raised toward these initiatives
Leadership Changes

Anna Schenck, PhD
Associate Dean for Public Health Practice

Anna Maria Siega-Riz, PhD
Associate Dean for Academic Affairs

Julie MacMillan, MPH
Interim Senior Associate Dean
News and Tools

- Electronic course evaluations
- ConnectCarolina: pushing to fix problems
- Templates for agendas, itineraries, other meeting materials and new slide templates
We make a difference.
We make a difference.
Commencement

Please JOIN US
New Reports—New $?

CDC Health Disparities & Inequalities Report (CHDIR)
Tuition and $ to Departments

- Tuition is going up—both campus-based tuition and school-based tuition.
- We use about 1/3 of this for student support.
- New allocation model implemented a year ago: fine-tuning for 2nd year
IT Security

- PIs are responsible for security of project data.
- PIs who hires must manage IT and other risks associated with their employees.
- Don’t have to become data security experts
- Make connections to campus network of data security professionals.
- Every SPH department has an information security liaison.
- Contact Kathy Barboriak.
Our departments will continue to be known for their excellence.

The School will be a center for public health innovation.

We will be solving big public health challenges across North Carolina and around the world.

We will be one of the best places in the world to work, learn about and advance public health.
Critical Questions

Please rank the critical questions from 1 to 7, with 1 being the topic we should address first. We will prepare three white papers this year (in addition to the DITF), with the possibility of three more in 2012.

- Teaching and Learning in 2020: 2.31
- Translation and Applied Research: 3.25
- A Global School of Public Health: 3.31
- School Culture in 2020: 4.12
- Leadership and Reputation: 4.5
- Service and Practice: 5.12
- Infrastructure and Shared Resources: 5.38
SPH2020 Process

Create future picture.

Identify critical questions: select priority questions.

Create ad-hoc task forces & prepare white papers.

Get feedback broadly; refine plan.

Prioritize actions and adopt report.

Create implementation plan.

Start next task force groups & repeat process.

Add to strategic plan.
Revenue Generation Task Force

Steven Zeisel, PhD

- Intellectual property
- International expansion
- Executive education and other affordable care opportunities
- Case studies
- Consulting/faculty practice plan
Teaching and Learning Task Force

John E Paul, PhD

- Curricula
- In- and out-of-class teaching and learning experiences
- Positioning SPH as a global entity
- Culture, leadership, & organization
Diversity and Inclusion Task Force

- Large group of committed individuals
- Identified barriers to diversity and inclusion
- 3 priority topics:
  - Organizational Climate
  - Recruitment and Retention
  - Curriculum

Bryan Weiner, PhD
Rumay Alexander, EdD, RN
Challenges & Opportunities
Do With Less

Do with less—so they’ll have enough!

RATIONING GIVES YOU YOUR FAIR SHARE
Plan for Our Future
Communicate
75% of all teens own cell phones

72% of all teens send text messages

54% text daily

33% send >100 text messages per day

11% send >200 text messages per day
Change
Upcoming Faculty & Staff Appreciation Events

May 18th
and
August 25th
Challenges/Opportunities

“Do the best we can with what we have where we are.”

Theodore Roosevelt
Thank You!