Topics, Issues and Updates

Faculty and Staff Meeting

October 3rd, 2012
Important Issues

- Chancellor Thorp’s resignation -- sad event
- The issues that have been raised are important & must be addressed.
- Still, Carolina and SPH are strong.
Important Issues

- Work processes across UNC should be improved.
- Even the best processes won’t prevent all potential problems.
- More scrutiny of what we do
- Integrity and accountability are essential to our effective work.
More uniform business practices are needed, e.g., HR

Create vision for 21st Century research and education.

New pressures on public universities

High cost of education and concern about value of college education
THE FISCAL CLIFF
It’s No Joke!

WILL YOU STOP WORRYING? WHAT’S THE WORST THAT CAN HAPPEN?

CONGRESS ECONOMY

DANGER TAXMAGEDDON FALLS
### Fiscal Cliff Looms

Without changes, expiring tax cuts, new taxes and spending curbs that kick in Jan. 1 will = 4.6% GDP

<table>
<thead>
<tr>
<th>Taxes</th>
<th>In bil</th>
<th>Expiring programs</th>
<th>In bil</th>
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<tbody>
<tr>
<td>Bush tax cuts</td>
<td>$180</td>
<td>Extended jobless</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>benefits</td>
<td>$40</td>
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<tr>
<td>Alternative minimum tax</td>
<td>$120</td>
<td>Medicare doc fix</td>
<td>$20</td>
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<tr>
<td>Payroll tax</td>
<td>$120</td>
<td>Other programs</td>
<td>$40</td>
</tr>
<tr>
<td>Tax extenders</td>
<td>$20</td>
<td>Spending cuts</td>
<td></td>
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<tr>
<td>ObamaCare</td>
<td>$20</td>
<td>Sequester</td>
<td>$110</td>
</tr>
<tr>
<td>Business expensing</td>
<td>$10</td>
<td>Initial debt plan</td>
<td>$40</td>
</tr>
</tbody>
</table>

**Total**

$720

As share of GDP 4.6%

Source: BofA Merrill Lynch Global Research
New Developments

- New MPH with NCSU Veterinary School approved
- New chair for Health Behavior
  Leslie Lytle, PhD
- Health Policy and Management chair search ongoing
New Developments

- New director of communications, David Pesci, starts soon.
- Organized effort to build Health Informatics across UNC Chapel Hill
- Discussions with UNC Asheville
**Important Issues**

- Students continue to ask for more opportunities to work across departments.
- Major effort by ASPH to examine public health education in 21st C.
- Our competitors are revising curricula and creating more integrated, interdisciplinary educational approaches.
Important Assets

- School’s leadership team
- Our faculty, staff, students, alumni, and those who serve on our boards and committees
- Our donors
- Our infrastructure
- Our collaborative culture
- Our resilience
SPH2020

IMAGINE SPH2020: AN UPDATE

http://www.sph.unc.edu/sph2020

http://www.sph.unc.edu/sph2020
SPH2020

Created SPH2020 future picture

Launched ad-hoc TFs

Reports completed 2011 Revenue Generation Teaching & Learning Diversity and Inclusion (DITF)

Dean’s Council and Chairs’ Cte ranked & prioritized recommendations (9/11)

* Posted diversity commitment statement (12/11)
* Revised EEO statement (1/12)
* Classroom upgrades in progress
* Formed Admissions Practices Comm. (2/12)
* Teaching & Learning seminars (2/12)
* Teaching awards (2/12)
* Entrepreneurship seminars (10/12)

DITF (continued role for Dr. Rumay Alexander as Diversity Champion; Admissions Practices Committee continues)

Revenue Generation (faculty group practice dev’t; IP efforts in process; discussions re faculty interests in contract research)

Global School Task Force (Report 10/12)

Teaching & Learning Classroom renov. soon, 2/13 celebrate teaching

More www.sph.unc.edu/sph2020
Other Topics and Issues

- Global School Task Force report: where to next?
- Importance of implementation science for SPH
- Should we MOOC?
UNC doctoral student Alice Wang fills jugs with filtered water in Cambodia.

- 2-year pan-campus focus on water
- Jamie Bartram, PhD, University Day speaker
What Makes Carolina’s SPH Great?
Potential for New Partnerships
(Two examples of many)

Chinese deans from schools of public health and medicine  8/2012
RTI International: Enhanced Partnership?
STUDENT AWARDS
(Examples)
Undergraduate entrepreneur wins $100K scholarship to launch company.

- Tara Seshan, graduating ESE student, one of 20 to win Thiel Fellowship
- Developing Chek. Up, a venture focused on creating value in high quality, powerful data
- Building mobile-based app for chronic disease patients and seeking mentors and funders
Student Awards

Ryan Cronk, master’s candidate, Environmental Sciences and Engineering and Lauren Snyder, master’s candidate, Maternal and Child Health: first World Vision internships.

Student Awards

Jessica Broadus, Health Policy and Management, 2012 Barbara Jordan Health Scholar

Ashley Kranz, doctoral student, Health Policy and Management, winner of APHA’s 2012 Anthony Westwater Jong Memorial Community Dental Health Post-Professional Student Award

Jennifer Smith, Environmental Sciences and Engineering, selected as Phillips Ambassador
Health Behavior Capstone Wins State Award

Phoebe Goldberg, Laura Major, Hannah Prentice-Dunn, Rebecca Woodruff, and Marcia Perritt
2012 Graduate School Impact Awards Winners

Peter Balvanz, HB alumnus

Brooke Hoots, EPID alumna

Mehul Patel, doctoral student, EPID

Meagan Vaughn, doctoral student, EPID

Catherine Vladutiu, doctoral student, EPID

Stephanie Watkins, doctoral student, EPID
UNC-Chapel Hill enters research funding top 10.

SPH faculty members’ excellent track records continue.

Launched pilot research projects with Cambridge University

Major role in CTSA
FACULTY GRANTS & AWARDS (Examples)
Recent Grant Awards

Three-year, $1.2 million U.S. EPA grant for research conducted by the Carolina Center for Computational Toxicology

Ivan Rusyn, MD, PhD, professor, environmental sciences and engineering

Fred Wright, PhD, professor, biostatistics
Recent Grant Awards

Grand Challenges Explorations award, initiative funded by Bill & Melinda Gates Foundation

Steven H. Zeisel, MD, PhD, director, Nutrition Research Institute and Kenan Distinguished University Professor, nutrition

Five-year Eunice Kennedy Shriver NICHD award, nearly $3M for nutrition interventions

Margaret (Peggy) Bentley, PhD, Carla Smith Chamblee Distinguished Professor of Global Nutrition
Recent Grant Awards

U.S. Office of Rural Health Policy (ORHP) multi-year grants, totaling $4 million to conduct research and inform federal policy about health

Mark Holmes, PhD, assistant professor, health policy and management

George Pink, PhD, Humana Distinguished Professor, health policy and management
Recent Grant Awards

$21.4M from NIAID to lead five-year study on life-threatening viral infections

Ralph S. Baric, PhD, professor, epidemiology

$250,000 U.S. EPA grant to examine innovative ways to improve air quality

Jason West, PhD, assistant professor, environmental sciences and engineering
Recent Grant Awards

PCORI grant to fund program on comparative effectiveness research

Til Stürmer, MD, MPH, PhD, professor, epidemiology and director, Center of Excellence in Pharmacoepidemiology

UCRF support for Health-E-NC project to improve cancer survivorship

Stephanie Wheeler, PhD, assistant professor, health policy and management
Recent Grant Awards

WK Kellogg foundation awards ~$250,000 for Philadelphia Roadmap to Health Equity in MCH. A First Food project.

Vijaya Hogan, DrPH, clinical assistant professor, maternal and child health

Diana Rowley, MD, Professor of the Practice of Public Health, maternal and child health
Recent Grant Awards

$2.6M NIH support for A Multilevel Intervention to Reduce HIV Risk among networks of men in Tanzania.

Suzanne Maman, PhD, associate professor, health behavior

Accountability for Cancer Care through Undoing Racism and Equity (ACCURE)—NCI funding

Geni Eng, DrPH, professor, health behavior
Awards

Association of State and Territorial Health Officials (ASTHO) 2012 Alumni Award for leadership and contribution in public health

Leah M. Devlin professor of the practice, health policy and management

UNC’s Hettleman Prize for Artistic and Scholarly Achievement by Young Faculty

Evan S. Dellon, MD, MPH, assistant professor, medicine and adjunct assistant professor, epidemiology
Awards

2012 Gertrude M. Cox Award for significant contributions in statistics

Amy H. Herring, ScD, professor, biostatistics

Health and Law Bioethics Award at conference in Kiev

Dean M. Harris, JD, clinical associate professor, health policy and management
2012 UNC Distinguished Alumni Awards

Deborah Parham Hopson, PhD, associate administrator for HIV/AIDS, U.S. DHHS

Greg Allgood, MSPH, PhD, director of the P&G Children's Safe Drinking Water Program
Trends in Education Online
77% of college presidents report their institutions now offer online courses (89% public, 60% private).

Over 6.1 million students were taking at least one online course fall, 2010 term; an increase of 560,000 students over previous year.

Big Numbers...

SOMETHING IS HAPPENING HERE...
Big Numbers

Fall 2011: Stanford University MOOC on artificial intelligence >160,000 students, >30 participating universities

August 2012: Coursera enrollment >1M from 196 countries.

Udacity: >110,000 “active students”

EdX: Multiple public health courses—Berkeley, Harvard, MIT, others
Take the World's Best Courses, Online, For Free.

Join 1,552,547 Courserians

Learn with videos, quizzes, and assignments
Interact with thousands of other students
Advance

COURSES (198)

Computer Architecture
Princeton University

Introduction to Genetics and Evolution
Duke University

Human-Computer Interaction
Stanford University

Just finished my coursera Machine Learning class. Professor wisdom only a true expert can have. Highly recommended!
Online public health course offered by Harvardx

PH207x is an online adaptation of material from HSPH epidemiology and biostatistics courses.
Institutions offering health-focused online classes (found 14 total)

University of Pennsylvania (4 courses)
Johns Hopkins University (5 courses)
Duke University (1 course)
University of California-San Francisco (2 courses)
How will MOOCs affect higher education?

- What’s the business model?
- Will students stay with classes?
- Will credits be provided?
- If so, what will they mean?
- Is the model sustainable?
- Degrees or lifelong educationn?
- Should we play?
- Driving up quality of online education
Dean Barbara Rimer cordially invites you to the

**2012 Fall Social**

**Tuesday, October 23**

3:00 – 4:00 p.m.

Armfield Atrium
Michael Hooker Research Center

Join us for a local apple tasting and other fall flavors while you catch up with faculty, staff and student colleagues.

*Vote for your favorite apple!*

We'll also announce the winner of the

**2012 Staff Excellence Award.**
Thanks!
SPH Students by Department
(Headcount=1,747)
Faculty Demographics (Fall 2012)

- Caucasian: 190 (80%)
- Asian: 25 (10%)
- Black or African American: 16 (7%)
- Hispanic or Latino: 7 (3%)