SPH Faculty and Staff meeting

October 5, 2016
My Topics

- At Gillings: people & their work
- Chancellor’s strategic framework
- Other activities/developments
- Innovation and Entrepreneurship
New SPH Leaders

Barbara Turpin, PhD
chair and professor, Environmental Sciences and Engineering

Jianwen Cai, PhD
interim chair and Cary C. Boshamer Distinguished Professor, Biostatistics
Holmes appointed director of Sheps Center for Health Services Research

His research focuses on the financial health of rural hospitals.

Mark Holmes, PhD, associate professor, Health Policy and Management
Thank you Mike Aitken, former ESE chair
Epidemiology chair search

- Andy Olshan, PhD, Barbara Sorenson Hulka Distinguished Professor and chair of Epidemiology to step down as chair
- Will remain through our CEPH reaccreditation and department review.
- Search for new chair to begin in November 2016
Assistant Dean for Inclusive Excellence

- Collaborate to develop **inclusive excellence initiatives**
- Provide **guidance to chairs and other SPH leaders in developing diversity plans**
- **Communicate best practices**
- Identify, coalesce, and manage **diversity resources and coordinate educational and training opportunities**
- **Develop metrics to assess progress toward inclusive excellence goals**
- Serve as Gillings **School Diversity Liaison**
Antibodies from Dengue fever survivors used to prevent Zika

Antibodies derived from patients who survived Dengue fever can be used to fight Zika virus.

May lead to development of a Zika therapeutic treatment (*mBio*, July/August issue, journal of the American Society for Microbiology)

Ralph Baric, PhD, professor, Epidemiology and Microbiology
Popkin honored with World Obesity Federation Award

Working with governments around the world to use taxation of sugar-sweetened beverages to reduce consumption, with impressive results in Mexico (*PLOS Medicine*, July 2016)

Barry Popkin, PhD, W.R. Kenan Distinguished Professor of Nutrition
Sobsey receives Clarke Prize

- NWRI Athalie Richardson Irvine Clarke Prize for excellence in water research
- Helped understand, detect, and control waterborne viruses, bacteria, and parasites

Mark Sobsey, PhD, W.R. Kenan Distinguished Professor of Environmental Sciences and Engineering
Burcu Bozkurt, HPM alumna, named one of ‘40 under 40’ advocates by the Gates Institute

- Recognized by the Gates Institute as a strong advocate for sexual and reproductive health rights.
- $1,000 award to continue her work in family planning

Burçu Bozkurt, alumna, Health Policy and Management
Powell selected for Rockefeller Foundation residency and Aspen Institute Health Innovators Fellowship

- Awarded residency at the Rockefeller Foundation’s Bellagio Center, in Bellagio, Italy
- Aspen Institute’s two year Health Innovators Fellowship Program

Wizdom Powell, PhD, associate professor, Health Behavior
Leah Devlin to receive Jim Bernstein Community Health Career Achievement Award

- Recognized for her work in public health at UNC Gillings, RTI, state organizations, and the Wake County and North Carolina State Health Departments

Leah Devlin, DDS, MPH, Professor of the Practice, Health Policy and Management
Linnan recognized as HERO Mark Dundon Research Award for leadership in workplace health

- Efforts to enhance and promote research that advances the science of employee health management

Laura Linnan, ScD, associate dean for academic affairs; professor, Health Behavior
We celebrated HPM’s 80th anniversary.
Emerging Leaders in Public Health National Program Office Awarded

- Improve effectiveness of local US health department leaders by training, coaching, and consulting to promote equity, communication, and financial capacity building.
- $1.2 M grant for 3-year program with potential renewal
- Congratulations Anna Schenck, Steve Orton & colleagues
NIH Ranking for Dollars Awarded to Schools of Public Health FY11 – FY15

FY11
1 Hopkins
2 Harvard
3 Columbia
4 UNC
5 Pittsburgh

FY12
1 Harvard
2 Hopkins
3 Columbia
4 UNC
5 Pittsburgh

FY13
1 Harvard
2 Hopkins
3 UNC
4 Columbia
5 Minnesota

FY14
1 Harvard
2 Hopkins
3 UNC
4 GW
5 Minnesota

FY15
1 Harvard
2 Hopkins
3 UNC
4 Minnesota
5 GW

FY16 Not Yet Available
Grant and Contract Dollars Awarded to Gillings PI’s FY2012 - FY2016

- Total Grant and Contract Dollars Awarded to Gillings PI's FY2012 - FY2016 = $800 Million

- Average $ Per Gillings PI in FY16 = $1.2 million

Top Funders:
1. USAID
2. NHLBI
3. NCI
4. NIEHS
5. CDC
6. NICHD
7. NIDDK
8. NIAID
9. Bloomberg Foundation
10. NIAAA

Highest average at UNC-Chapel Hill
Organizational Development Plan
#UNCWithMe
Chancellor’s strategic framework:
Core Strategies

Of the Public, For the Public

Innovation made fundamental

Key Components

- No barriers to a great education
- Expertise brought to bear for the benefit of North Carolina and beyond
- Working for democracy and encouraging constructive public discussion
- Creative basic research
- The new learning imperative (creative, experiential, think like a researcher)
- Translation and commercialization
Chancellor’s Strategic Framework: Associated Principles

Preeminence

Optimizing our operating environment

Graduates prepared for work and demands of contemporary life

Mobilizing as a university to address a few major social issues

A global mindset
Innovation Leadership

Innovation firsts (or seconds)

- Gillings Innovation Labs
- Track in entrepreneurship minor
- 2016 winners of Innovation Next
- BeAM (Makerspace)
- Galapagos research station
Tan wins award for best paper in *Canadian Journal of Statistics*

- Recognizes outstanding methodological innovation and presentation
- Paper focuses on model selection for longitudinal data with measurement error and missing data

Xianming Tan, PhD, research associate professor, Biostatistics
Innovation Leadership

💡 Executive-in-residence: connector, innovation mentor, guide & visionary
💡 Tangible help starting companies
Assess, teach, develop & apply innovation leadership skills

Include faculty, staff & students
Assess skills, motivation & readiness for innovation leadership
Provide mentoring & extraordinary opportunities
Continue entrepreneur & related efforts
Be the innovation leader

Mugdha Gokhale, MS, PhD, recent EPI graduate, Forbes’ 30 under 30 list
Liz Chen and Christina Leos, doctoral students, Health Behavior
Key Gillings themes aligned with strategic framework

- Delivering proven solutions faster
- Promoting health, preventing disease
- Healthy lives at every age
- Healthy planet, healthy people
- Big data for health and well-being

Cross-cutting themes: global and local foci, eliminating health inequities, strategic leadership
Comparison of strategic initiatives vs strategic themes

**Strategic Initiatives**
- Obesity
- Water
- Global health & infectious diseases*
- Eliminating health disparities*
- Cancer

**Strategic Themes**
- Delivering proven solutions faster
- Promoting health, preventing disease
- Healthy lives at every age
- Healthy planet, healthy people
- Big data for health & well-being

*Cross-cutting themes: Eliminating health inequities, strategic leadership & global/local*
Comparison of strategic initiatives vs strategic themes

**Strategic Initiatives**

- **Obesity**
- **Water**
- **Global health & infectious diseases***
- **Eliminating health disparities***
- **Cancer**

**Strategic Themes**

- **Delivering proven solutions faster**
  - Speeding the pace of clinical trials, getting drugs to market more quickly
  - Pioneering better methods and stronger evaluation techniques
  - Leading the way in mHealth
  - Improving the science and implementation of evidence-based public health programs, policies and interventions
Comparison of strategic initiatives vs strategic themes

**Strategic Initiatives**
- Obesity
- Water
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- Cancer

**Strategic Themes**

**Promoting health, preventing disease**
- Preventing emerging infectious diseases, including SARS, MERS, HIV/AIDS, Malaria, Zika and Tuberculosis
- Preventing global non-communicable diseases
- Preventing cancer, heart disease, diabetes and stroke in NC, US and globally
Comparison of strategic initiatives vs strategic themes

**Strategic Initiatives**
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**Strategic Themes**

**Healthy lives at every age**
- Reducing maternal and infant deaths
- Promoting proper nutrition and food access; preventing and treating obesity
- Preventing violence against women
- Preventing injuries
- Promoting healthy aging
- Access to quality health care
Comparison of strategic initiatives vs strategic themes

Strategic Initiatives

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Strategic Themes

Healthy planet, healthy people

- Protecting air and water resources
- Improving access to clean water and sanitation worldwide
- Preparing for natural and man-made disasters
- Mitigating climate change effects
In Memory

Dr. Harrison Spencer
(1944 – 2016)

Dr. Miriam Labbok
(1949 – 2016)
Thank you!