Faculty and Staff meeting
Spring, 2015
1. Learning from review
2. People
3. Challenges
4. Influence
5. Looking ahead
Latest Rankings

✓ 1st public school of public health in U.S.

✓ 2nd overall (tied with Harvard T.H. Chan)
New appointments

Carolyn Halpern, PhD
Chair, Maternal and Child Health

Jay Noren, MD
Interim Senior Associate Dean
Chair Searches & Reviews: Ongoing & Imminent

**Searches**
- Chair, Health Policy & Mgt. (in process)

**Reviews**
- Anna Schenck, PhD, Professor of the Practice & Director Public Health Leadership Program (5/2015)
- Michael Kosorok, PhD, Kenan Professor & Chair, BIOS (5/2015)
Teaching Excellence Awards

Susan Ennett, PhD, Health Behavior
- UNC’s Distinguished Teaching Award for Post-Baccalaureate Instruction

Karl Umble, PhD, HPM
- UNC’s Tanner Award for Excellence in Undergraduate Teaching
Teaching Excellence Awards

Karin, Yeatts, PhD, EPI D
- Student Undergraduate Teaching Award

Kea Turner, doctoral candidate, HPM
- Student Undergraduate Teaching Award
2 of 3 UNC General Alumni Association Awards for Service

Mike Cohen, MD
- Professor of epidemiology and Yeargan-Bate Eminent Distinguished Professor of medicine, microbiology and immunology in the UNC School of Medicine

Jo Anne Earp, ScD
- Professor and former chair of Health Behavior
Left to right are award-winning teachers Drs. Brian Pence (EPI), Christine Tucker (MCH), June Stevens (NUTR), Ms. Lori Evarts (PHLP), John Paul (HPM), Jane Monaco (BIOS) and Jill Stewart (ESE). Not pictured: Kurt Ribisl (HB)
9 Gillings students out of 26 Graduate School Impact Awards

(t-b, l-r) Jayne Jeffries, HB; Pooja Jani, PHLP; Maiko Arashiro, ESE; Marie Patane Curtis, ESE; Mona Kilany, HPM; Kyle Messier, ESE; Melissa Crane, HB; Justin Milner, NUTR; Kim Gaetz, EPI D
Gillings NUTR MPH students’ prestigious awards

Natalie Broadway
- Edward McGowan Hedgpeth Award for service to the campus and community

Will Chapman
- Co-founded Seal the Seasons, a for-profit social enterprise: won the 2015 SECU Emerging Issues Prize for Innovation
Gillings doctoral candidates’ awards

Kristin Black, MCH
- Robert E. Bryan Public Service Award

Sarah Rutstein, HPM
- Scholar Award from PEO (Philanthropic Education Organization)
Black Lives Matter

- Conversations about race, inclusion & related issues
- Student-sponsored events
- Intercultural lunch after murders of three Muslim students
- Important to keep talking, work to improve environment & find ways to relate topical events to course work
Higher Education: Need to Respond at Scale

• Define mission niche and institutional partnerships
• Redefine the meanings and proportions of tripartite missions
• Simplify the academic division of labor
• Provide hybrid pedagogies at scale
• Customize time to degree, timetable and examinations
• Create structured student pathways
• Promote collaborative and integrative research
• Integrate infrastructure
• Implications for future physical environments of HE

** From David Ward, former Chancellor U Wisc. & Pres. ACE
The National Higher Education Landscape

Finance/efficiency

- Focus on value, e.g. jobs, salaries
- Emphasis on efficiency in an enterprise not designed for efficiency
- Shrinking state dollars for higher ed.
- Concern about amount of student debt
- Large fundraising campaigns
The National Higher Education Landscape

Assumptions/ processes
- What is role of university today?
- Standardization vs. customization
- New delivery modes (e.g., MOOCs, hybrid models)
- Making accreditation more flexible & transparent
- Tenure

Other issues
- Race/ethnicity/culture inclusion
- Preventing/dealing w/ campus sexual assaults
- Achieving quality and equity
The Higher Education Landscape

UNC system (GA) & UNC-Chapel Hill

- Changed state politics & implications for university
- Shrinking state dollars for higher ed.: need for efficiency
- Concerns about student debt: search for solutions
- Focus on easily-assessed metrics, e.g., salaries
- Expectations for faculty, e.g. number of courses
- Connect Carolina issues**
- Aftermath of athletic/academic scandals

** Katie Thornsvard presentation
The Higher Education Landscape

SPH

- More competition for students: doing what we have done before may not meet enrollment goals
- Changing expectations for public health degrees
- Must get number of degrees and offerings right
- We’re less nimble than ideal in an increasingly competitive landscape.

- In many areas, lack SPH-wide standards & accountability
- Autonomy of individual units vs. cohesiveness of whole but also...
- Opportunities for new directions with changing health systems & population health
Adapt our processes and priorities for 21st century to stay competitive.

Need new strategies for funding priorities
Right now & recently...

- Began work to develop Gillings MPH Core**
- Began work to develop our self-study for CEPH***
- Numerous faculty searches at SPH
- Building health informatics
- Actively fundraising
- Planning next major campaign
- Dealing with consequences of Connect Carolina****

- Celebrated 75th anniversary
- Marion Nestle Foard speaker
- Celebrated 10 years of FHI internships
- Jim Herrington is advancing Gillings Global Gateway.
- Will celebrate 10th anniversary of HPM’s Executive DrPH

**Anna Maria Siega-Riz & Laura Linnan presentation
***Robert Pitts presentation
****Katie Thornsvard presentation
Our research influence & impact
Research influence & impact

- Conduct basic & applied research.
- Build evidence base.
- Achieve influence/impact.
Research influence & impact

Areas & Approaches

Influence/Impact
- Research
- Methods
- Practices
- Persuasion/Communication
- Programs
- Products
- Policies
- Companies

Scale-up effective programs. Sustain.
Research influence & impact

Big Areas
- Water*, air, climate, health
- Food (incl. food insecurity, obesity*, production)
- Mothers, babies & children
- Cancer*, CVD, diabetes
- Infectious diseases*
- Aging

Cross-cutting approaches
- Health disparities*
- Implementation science
- Methods, incl. clinical trials & big data
- Global* / local

* = strategic initiatives
Influencing policies & practices

Photo by Cam Carrithers, Garifuna Culture in Belize
Influencing water policy & practices

Jamie Bartram, PhD, ESE

- The global meeting for water & sanitation
- Creating global standards, e.g. IAPMO, WHO
- At least 4 major organizations have changed practices as a result of Water Institute work.
Influencing water policy & practices

Greg Characklis, PhD, ESE

- Strategies to meet current & future southeastern U.S. water demands sustainably without building tens of millions more in infrastructure
- Engagement with local leaders—strategies now in use in Research Triangle
Influencing knowledge & practices

Steve Wing, PhD, EPI D

Demonstrated health consequences (e.g., increase in asthma) of living near large hog farms in rural NC; lawsuit on behalf of 500+ minority and rural plaintiffs uses his work to make their case to EPA
Feeding a hungry world: Food security in the 21st century
Influencing food policy in the U.S. and around the world

Barry Popkin, PhD, NUTR

Advising governments around the world on policies to reduce consumption of sugary drinks. Successes in Mexico, China, France, the U.K. and more
Influencing U.S. food policies

Anna Maria Siega-Riz, PhD, EPI D, NUTR
Member, 2015 Dietary Guidelines Advisory Committee
Recommendations will influence U.S. dietary guidelines for years to come, impacting consumers, providers, schools, hospitals, the food industry.
Influencing food policy & practices

Alice Ammerman, DrPH, NUTR
Changing policies to improve all people’s access to fresh fruits and vegetables – from school kids in cities to older, minority adults in rural NC.

- Appointed to NC Sustainable Local Food Advisory Council
- Co-chair, Feeding a Hungry World: Food Security in the 21st Century
Influencing tobacco policy

Kurt Ribisl, PhD, HB: Providing the evidence for how and why federal laws banning online cigarette sales to kids work. . . Now he’s got e-cigs in his sights!
Influencing HPV vaccine policies

- Noel Brewer, PhD, HB
- Jennifer Smith, PhD, EPID
- Barbara Rimer, Dr.PH

Accelerating HPV Vaccine Uptake:
Urgency for Action to Prevent Cancer

A Report to the President of the United States from
The President's Cancer Panel
Influencing newborn screening

Michael Kosorok, PhD, BI OS

- Collaborated to develop analytic approaches to demonstrate impact of screening newborns for cystic fibrosis
- Great results led CDC to recommend newborn screening in 1997. As of 2010, screening required in all 50 U.S. states.
NC Stroke Care Collaborative

NC Acute Stroke Registry
(1 of 4 Coverdell National Acute Stroke Registries)

In 65 hospitals, NCSCCC has:

- Helped >150,000 NC stroke patients get optimal care
- Sponsored dozens of locally created quality-improvement initiatives
- Reduced need for free/reduced-cost care by 80%
- Helped attract >$18m in direct funding to NC
Influencing policy & practices

Mark Holmes, PhD, and
George Pink, PhD, HPM

Jon Oberlander, PhD, HPM
The Global Pandemic of Falsified Medicines: Laboratory and Field Innovations and Policy Perspectives
http://www.ajtmh.org/content/early/2015/04/16/ajtmh.15-0046
“Safe, effective, high-quality, and affordable medical products are essential to positive, equitable health outcomes.” M. Hamburg
Influencing global measurement

**MEASURE Team:** Setting the global standard for M&E.

“MEASURE Evaluation has played a **key role** in an incredibly successful international effort to **bend the epidemic curve**. . . on AIDS, malaria and TB.”

--Jim Thomas, PhD, EPI D
Develop strategies to achieve even greater impact.
Commencement

2015 Commencement speaker—May 9th

John B. Herrington, PhD
Astronaut and education advocate
Commander in the U.S. Navy (retired)
2015 SPH Faculty Awards

Edward G. McGavran Award for Excellence in Teaching
Michael Hudgens, PhD
Associate professor, BIOS

John E. Larsh Award for Mentorship
Jennifer Smith, PhD
Associate professor, EPI D
Spring on campus