Fourth Annual
Duke Environmental Health Scholars Program
Fall Forum

Health and the Environment in North Carolina

H. Kim Lyerly, M.D.
November 1, 2018
A. Eugene Washington, MD, MPH, MSc

Chancellor for Health Affairs at Duke University, President and CEO of DUHS

A. Eugene Washington, MD, MPH, MSc, is Chancellor for Health Affairs at Duke University, President and CEO of DUHS. Over the past 25 years, Washington has held academic leadership positions and senior executive posts with increasing levels of responsibilities in three prominent academic health systems. During this period, he has also been actively engaged in educating students, residents, postdoctoral fellows and faculty, practiced medicine and maintained a productive research program. And he has played a role in shaping national health policy and health care practice.

Currently, Washington is Chancellor for Health Affairs at Duke University and President and CEO of the Duke University Health System. Just prior to Duke, Washington served from 2010 to 2015 as Vice Chancellor of Health Sciences, Dean of the David Geffen School of Medicine at the University of California, Los Angeles (UCLA), and Chief Executive Officer of the UCLA Health System. He was also a Distinguished Professor of Gynecology and Health Policy at UCLA.
Leadership

L. Ebony Boulware, MD, MPH

Director

Co-PI, Duke Clinical and Translational Science Award (Duke CTSA)
Vice Dean for Translational Sciences
Associate Vice Chancellor for Translational Research
Chief, Division of General Internal Medicine
Sponsors

Fred and Alice Stanback
Bridging the Information Gap Between Health and the Environment in North Carolina

Gregory D. Kearney; Mina Shehee; H. Kim Lyerly

Results:
A single, high-quality directory of existing databases on health and the environment is now readily available. Data sets have independent values; when combined, these could prove increasingly important to evaluate health associations, particularly for researchers and policy makers.

DOI: 10.1097/PHH.0b013e318280010e,
PMID: 23896978
An Opportunity for An Environmental Health Scholars Program at Duke
Long-term dynamics of death rates of emphysema, asthma, and pneumonia and improving air quality

Julia Kravchenko¹
Igor Akushevich²
Amy P Abernethy³
Sheila Holman⁴
William G Ross Jr⁵
H Kim Lyerly¹,⁶
Mission

• The EHSP will support investigators and students whose research focuses on environmental factors and the associated disease risk, morbidity or mortality, with emphasis on the population of North Carolina.

• Special emphasis is placed on studies that examine the economic and policy issues that shape outcomes in disease prevention and reduction in mortality and morbidity by associating environmental factors and health probabilities.
## 2018 Duke Environmental Health Scholars

<table>
<thead>
<tr>
<th>First Name</th>
<th>Last Name</th>
<th>Mentor</th>
<th>School</th>
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<tbody>
<tr>
<td>Rachel</td>
<td>Coyte</td>
<td>Avner Vengosh</td>
<td>Nicholas School of the Environment</td>
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<td>Neil</td>
<td>Datar</td>
<td>Michelle Nowlin</td>
<td>School of Law</td>
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<td>Larisa</td>
<td>Gearhart-Serna</td>
<td>Gay Devi</td>
<td>School of Medicine</td>
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<td>Stephanie</td>
<td>Hammel</td>
<td>Heather Stapleton</td>
<td>Nicholas School of the Environment</td>
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<td>Rashmi</td>
<td>Joglekar</td>
<td>Joel Meyer, and Susan Murphy</td>
<td>Nicholas School of the Environment</td>
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<tr>
<td>Casey</td>
<td>Lindberg</td>
<td>Richard Di Giulio</td>
<td>Nicholas School of the Environment</td>
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<tr>
<td>Ori</td>
<td>Sharon</td>
<td>Jedediah Purdy</td>
<td>School of Law</td>
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<tr>
<td>Caren</td>
<td>Weinhouse</td>
<td>William Pan</td>
<td>Global Health Institute</td>
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<tr>
<td>Shengjie</td>
<td>Xu</td>
<td>Mari Sharon</td>
<td>School of Medicine</td>
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2018 Program Committee

- H. Kim Lyerly, M.D. (Chair)
  Duke School of Medicine
- June Blotnick, M.Ed.
  Clean Air Carolina
- Richard Di Giulio, Ph.D
  Nicholas School of the Environment
- Greg Kearney, Dr.P.H., M.P.H.
  East Carolina University
- Stan Meiburg, Ph.D.
  Wake Forest University
- Michelle Nowlin, J.D., M.A.
  Duke School of Law
- David Peden, M.D., M.S.
  University of North Carolina at Chapel Hill
4th Annual Fall Forum on Health and the Environment in NC 2018 Attendees
Agenda: Thursday, November 1

Session I: Concentrated Animal Feeding Operations
Moderator: H. Kim Lyerly, M.D.

Panel Discussion: Environmental Health Policy Issues.
Opportunities & Initiatives Presented by Hurricanes & Other Extreme Weather Events (Part 1)
Moderator: Bill Ross, J.D.
• Todd Miller, Executive Director, NC Coastal Federation
• Andrew Hutson, Executive Director, Audubon NC
Agenda: Friday, November 2
(morning/lunch period)

Session II: Air Pollution and Health
Moderator: June Blotnick, M.Ed.

Lunch Period: Poster Viewing and Judging
Agenda: Friday, November 2 (afternoon)

Session III: Future Opportunities in the Health of North Carolina Residents

Moderator: Jamie Cole, J.D., NC Conservation Network

Panel Discussion: Environmental Health Policy Issues.
Opportunities & Initiatives Presented by Hurricanes & Other Extreme Weather Events (Part 2)

Moderator: Bill Ross, J.D.

- Will McDow, Director, Habitat Markets, Environmental Defense Fund
- Bill Holman, North Carolina State Director, The Conservation Fund
Agenda: Friday, November 2
(afternoon, cont’d.)

Session III: Oral Abstract Presentations

♦ Rachel Coyte, Duke University
♦ Stephanie Hammel, Duke University
♦ Jenna Hartley, NC State University
♦ Nadine Kotlarz, NC State University
♦ Sung Han Rhew, Duke University

Moderator: H. Kim Lyerly, M.D.