The National Weather Service has issued a Winter Storm Watch for the western Triangle area, including Durham and Orange counties, from Friday afternoon through Monday evening. Visit the Duke Today-Working@Duke website for detailed information and updates.

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Duke Faculty Plentiful On ‘Highly Cited’ List
Citation rate reflects importance and influence of scientific works

By Duke Today Staff

Forty-four members of Duke’s faculty are included in the 2018 Highly Cited Researchers list compiled by Clarivate Analytics and Web of Science.

Duke is tied for 12th in the worldwide rankings by number of highly cited researchers this year. Duke is 9th among U.S. institutions, which are by far the most-cited institutions.
A high citation rate is an indication that a researcher’s work is influential in their field. In both 2016 and 2017, Duke was the fifth-highest cited U.S. institution.

This year’s list of 6,078 names recognizes world-class researchers for their production of multiple highly cited papers that rank in the top 1% by citations for their field and over the past decade (2006 to 2016), based on Web of Science data. Clarivate’s web site allows users to explore the data further: https://hcr.clarivate.com/

“The Highly Cited Researchers 2018 list helps to identify the researchers who are having the greatest impact on the research community as measured by the rate at which their work is being cited by others and that contributes so greatly to extending the frontier and gaining knowledge and innovations for society,” said Annette Thomas, CEO of the Scientific & Academic Research group at Clarivate Analytics.

Duke’s most highly cited researchers this year come from the Duke Human Vaccine Institute, the Duke Clinical Research Institute, the Duke-NUS Medical School, The Duke Institute of Brain Sciences, the Department of Population Health, and the Center for Advanced Hindsight, among other units. Those researchers listed as “cross-field” had significant citations in more than one field that together make them a top 1 percent researcher.

Dr. Barton Haynes, the Frederic M. Hanes Professor of Medicine and director of the Duke Human Vaccine Institute, appears on the list in two separate categories, as does Michael Pencina, the school of medicine’s vice dean for data science and information technology. Two teams of married Duke researchers are also included.

This year’s most highly cited Duke authors are:

(Name, Citation Category, Primary Department)

S. Munir Alam, Cross-field, Medicine

Deverick J. Anderson, Social Sciences, Medicine

Adrian Angold, Psychiatry/Psychology, Psychiatry & Beh. Medicine

Dan Ariely, Economics & Business, Economics and Business

Philip N. Benfey, Plant & Animal Science, Biology

Mattia Bonsignore, Microbiology, Medicine

Robert M. Califf, Clinical Medicine, Medicine

Avshalom Caspi, Psychiatry/Psychology, Psychology & Neuroscience
E. Jane Costello, Psychiatry/Psychology, Psychiatry & Beh. Medicine

Bryan R. Cullen, Microbiology, Mol. Genetics & Microbiology

Steven A. Cummer, Physics, Electrical & Computer Engineering

Lesley H. Curtis, Clinical Medicine, Population Health Sciences

Geraldine Dawson, Cross-Field, Psychiatry & Beh. Medicine

Xinnian Dong, Cross-Field, Biology

Pamela S. Douglas, Clinical Medicine, Medicine

Guido Ferrari, Cross-Field, Surgery

Eric A. Finkelstein, Cross-Field, Duke-NUS Grad Med School

Christopher B. Granger, Clinical Medicine, Medicine

Campbell R. Harvey, Economics & Business, Business

Barton F. Haynes, Immunology, Medicine

Barton F. Haynes, Microbiology, Medicine

Richard S. E. Keefe, Psychiatry/Psychology, Psychiatry & Beh. Medicine

Robert J. Lefkowitz, Pharmacology & Toxicology, Medicine

Kam W. Leong, Cross-Field, Biomedical Engineering

Hua-Xin Liao, Microbiology, Medicine

David B. Mitzi, Materials Science, Mech. Engin. and Material Science

Terrie E. Moffitt, Psychiatry/Psychology, Psychology & Neuroscience

David C. Montefiori, Microbiology, Surgery

L. Kristin Newby, Clinical Medicine, Medicine

Christopher M. O’Connor, Clinical Medicine, Medicine

E. Magnus Ohman, Clinical Medicine, Medicine

Ram Oren, Cross-Field, Earth Systems Science
Manesh R. Patel, Clinical Medicine, Medicine
Michael J. Pencina, Clinical Medicine, Biostatistics and Bioinformatics
Michael J. Pencina, Social Sciences, Biostatistics and Bioinformatics
Eric D. Peterson, Clinical Medicine, Medicine
Nigel Pitman, Environment/Ecology, Environmental Sciences
Amilcare Porporato, Cross-Field, Civil & Environmental Engin.
Drew T. Shindell, Geosciences, Earth Systems Science
David R. Smith, Physics, Electrical & Computer Engineering
John Terborgh, Environment/Ecology, Environmental Sciences
Georgia D. Tomaras, Microbiology, Surgery
Mark R. Wiesner, Environment/Ecology, Civil & Environmental Engin.
Benjamin J. Wiley, Cross-Field, Chemistry
Tien-Yin Wong, Cross-Field, Duke-NUS Grad Med School
Xuanhe Zhao, Cross-Field, Mech. Engin. and Material Science

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