Grand Challenges
Precision Health for Populations

February 24, 2023 – Boar's Head Pavilion

Agenda

1:30pm – 2:00pm Check in

2:00pm – 2:15pm Welcome and Charge
- Melur (Ram) Ramasubramanian, Vice President for Research
- Karen Ingersoll, Steering Committee Chair

2:15pm – 2:45pm Presentations
- Keith Keene, Ph.D. – Professor, Public Health Sciences
Director, Center for Health Equity & Precision Public Health
Resident Faculty, Center for Public Health Genomics
- James P. Morris, Ph.D. – Professor and Chair, Psychology

2:45pm – 2:50pm Remarks
- Ian Baucom, Executive Vice President and Provost

2:50pm – 3:30pm Presentations (continued)
- Craig Konnoth, J.D. – Martha Lubin Karsh and Bruce A. Karsh Bicentennial Professor of Law
- Lee Ritterband, Ph.D. - Jean and Ronald Butcher Eminent Scholars Professor
Director, Center for Behavioral Health & Technology

  Laura Barnes, Ph.D. – Professor, Systems and Information Engineering
Associate Director, Link Lab
- Steve Rich, Ph.D., FAHA – Harrison Professor of Public Health Sciences
Founding Director, Center for Public Health Genomics
- Tom Loughran, MD – F. Palmer Weber-Smithfield Foods Professor of Oncology
Research - Professor, Medicine - Director, Cancer Center

3:30pm – 3:35pm Stretch Break

3:35pm – 4:30pm Presentations (continued)
- Coleen McNamara, MD – Professor of Medicine/Cardiovascular Division and Beirne B. Carter Professor of Immunology
Director, Carter Immunology Center
- Don Brown, Ph.D. – Quantitative Foundation Distinguished Professor of Data Science
Senior Associate Dean, Research - School of Data Science
Co-Director integrated Translational Health Research Institute of Virginia (iTHRIV)
- Jay Hertel, Ph.D. – Chair, Kinesiology
Joe Gleck Professor of Sports Medicine

4:30pm – 5:00pm Break-out Conversations

5:00pm – 5:30pm Report Out and Final Comments

5:30pm – 6:30pm Reception

Steering Committee

Karen Ingersoll, Chair (Medicine)
Professor, Psychiatry and Neurobehavioral
Sciences

Teague Henry (Data Science, Arts & Sciences)
Assistant Professor, Data Science and
Psychology

Craig Konnoth (Law)
Karsh Bicentennial Professor, Law

Vivian Riefberg* (Darden)
Professor of Practice
Walentas Jefferson Scholars Foundation
Professorship Chair
   *Of counsel to the committee

Aidong Zhang (Engineering, Data Science)
Professor, Computer Science, Biomedical
Engineering and Data Science

Charles Farber (Medicine)
Professor, Public Health Sciences
Director, Center for Public Health Genomics

Karen Johnston (Medicine)
Harrison Distinguished Professor of Neurology
Associate Vice President for Clinical and
Translational Research
Director, iTHRIV

Denis Nekipelov (Engineering, Arts & Sciences)
Associate Professor, Economics and Computer
Science

John Stankovic (Engineering)
BP America Professor, Computer Science
Director, Link Lab

About Grand Challenges Research Investments

The University's Great and Good 2030 Plan identifies five priority focus areas for research. This year, we are focusing on building UVA's research capacity in Digital Technology and Society and Precision Medicine/Health. We have charged faculty steering committees to help determine how best to focus our efforts. They are consulting with deans and faculty across Grounds to identify areas of research where UVA could build on its strengths and address urgent societal problems. We appreciate your participation.

Next steps: Later this semester the steering committees will submit white papers recommending areas of focus. They will describe the urgent question to be addressed, give examples of the type of research that would be conducted, detail UVA's strengths in the area and the gaps that would need to be filled, and explain how UVA might be preeminent in this area. With input from the deans and outside experts, the Provost, VPR, and President will determine which areas to invest in. Please note: Grand Challenges is not a proposal process where a specific project or group of faculty is funded. Instead, it builds research capacity through large strategic investments— in cluster hires and significant research infrastructure (equipment, people, and seed funding) to move the needle. These transformative investments are designed to expand and complement our current research portfolio and to benefit many schools and disciplines across Grounds.

For more information, please visit: https://research.virginia.edu/Grand-challenges

We welcome your ideas and comments: