Dr. Alan Borning

Alan Borning is a professor in the Department of Computer Science & Engineering at the University of Washington, and an adjunct faculty member in the Information School. His research interests are in human-computer interaction and designing for human values, and in object-oriented and constraint-based programming languages. Current projects include tools for making public transit more usable, systems to support civic engagement and participation, and constraint-based programming languages and systems. He received a BA in mathematics from Reed College in 1971, and a PhD in computer science from Stanford University in 1979. Awards include a Fulbright Senior Scholar Award for lecturing and research in Australia, and being named a Fellow of the Association for Computing Machinery in 2001.

Dr. Howard Chizeck

Howard Jay Chizeck is a Professor of Electrical Engineering and Adjunct Professor of Bioengineering at the University of Washington, a member of the faculty in the Neurobiology and Behavior graduate program, and a research thrust leader for the NSF Engineering Research Center for Sensorimotor Neural Engineering. His research interests are in telerobotics and neural engineering. His telerobotic research includes haptic rendering and control for robotic surgery and for underwater devices. His neural engineering work involves the design and security of brain-machine interfaces, and the development of assistive devices to restore hand and locomotion capabilities. He received his B.S (1974) and M.S. (1976) degrees from Case Western Reserve University, and the Sc.D. degree in Electrical Engineering and Computer Science from the Massachusetts Institute of Technology in 1982. Professor Chizeck was elected a Fellow of the IEEE in 1999 "for contributions to the use of control system theory in biomedical engineering".

Dr. Sara Goering

Sara Goering is Associate Professor of Philosophy at the University of Washington, and affiliated with the Program on Values in Society, the Disability Studies Program, and the Department of Bioethics & Humanities. She is currently the Ethics Thrust leader for the Center for Sensorimotor Neural Engineering. With colleagues at the medical school, she is a co-editor of the book Achieving Justice in Genomic Translation: Rethinking the Pathway to Benefit.

Dr. Adam Moore

Energy & The Environment

May 15, 2014
12:30 pm
Burke Room

2014 Science & Policy Summit
Hosted by: GPSS

Energy & The Environment

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12:30 pm
Burke Room

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Hosted by: GPSS
Implementing Technology. Bryan Zetlen has served as a Program and Product Manager and Senior Technical Adviser in the Utilities, Energy, IT, and Telecommunications Sectors for more than 20 years. Mr. Zetlen advises and consults on Public Policy in utility management, energy production, telecommunications, and defense management. He has established expertise in technology commercialization and teaches graduate school courses in ‘Climate Change and Energy Policy’ and ‘Public Policy Challenges of Implementing Technology’.

Jerry Seidler

Jerry Seidler, PhD, is a professor of Physics at the UW. His research is in the area of light source experimentation for basic and applied energy science. This includes materials for batteries, photovoltaic cells, actinide fuels for fission reactors, catalysts for fuel cells and hydrocarbon cracking, and supercapacitors. Particularly the Seidler group would like to work on the development and application of novel x-ray spectroscopy to problems of basic and applied energy science. The Seidler group works closely with Dr. John Rehr’s theory group.

Alison Cullen

Alison Cullen, Sc.D., has been a professor at the Evans School of Public Affairs since 1995. She received her Sc.D. from Harvard in Environmental Health Management. She also holds a B.S. in Civil/Environmental Engineering from MIT and an MS in Environmental Health Science, Exposure Assessment, and Engineering from Harvard. Her research focus is on environmental risk analysis, decision making, and application of information and distributional techniques.

Joel Kaufman

Joel Kaufman, MD, MPH, is a professor of Epidemiology, General Internal Medicine, and Environmental & Occupational Health Sciences (EOHS) at the UW. Having received his MD at the University of Michigan and his MPH at the University of Washington, Dr. Kaufman now acts as the Director of UW’s EOHS department. His research focuses on the epidemiological health impacts of ambient air pollutants, especially traffic related emissions, on upper respiratory and cardiovascular systems. Dr. Kaufman’s research into anthropogenic pollutants is considered crucial to determining how human health is shaped by human activity, and is supported with key research grants from the National Institute of Environmental Health Sciences.

Tim Larson

Tim Larson, PhD, is a professor of Environmental Engineering in UW’s department of Civil & Environmental Engineering (CEE). He received his BSChE from Lehigh University before earning his MSChE and PhD at the UW, where he now acts as Associate Chair for the CEE department. Dr. Larson is considered an expert in the field of air quality management and monitoring, having collected accolades from the EPA, the NOAA, and the AWMA. His research has mainly focused on chemical transport/removal systems in the atmosphere and how they interact with ambient air quality, though he has also contributed to research surrounding the health impacts of deteriorating air quality.

Joel Kaufman

Joel Kaufman, MD, MPH, is a professor of Epidemiology, General Internal Medicine, and Environmental & Occupational Health Sciences (EOHS) at the UW. Having received his MD at the University of Michigan and his MPH at the University of Washington, Dr. Kaufman now acts as the Director of UW’s EOHS department. His research focuses on the epidemiological health impacts of ambient air pollutants, especially traffic related emissions, on upper respiratory and cardiovascular systems. Dr. Kaufman’s research into anthropogenic pollutants is considered crucial to determining how human health is shaped by human activity, and is supported with key research grants from the National Institute of Environmental Health Sciences.

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Mental Wellness & Neuroscience

May 15, 2014
10:00 am
Burke Room
For the past 18 years Dr. Edwards has developed patient-reported measures of symptoms, function, and quality of life for a broad range of populations. A focus of his work has been on stigmatizing conditions affecting children and adolescents, including facial malformations, early puberty, deafness and hard-of-hearing and obesity. Dr. Edwards is a founding member of the Seattle Quality of Life Group, whose mission is to support integration of patient-centered measures into health care and to facilitate translation of research evidence into policies and practices that promote health and quality of life.

Rachel Gerken received her MA in Counseling Psychology from Lewis and Clark College in 2003. She has previous mental health experience in residential treatment; day hospital care; outpatient and school settings. Recently, Rachel has been working with adolescents, young adults and families in the areas of Chemical Dependency and Eating disorders. Rachel's areas of interest include family issues; transitioning into adulthood and other life changes; eating disorders and substance abuse. Her therapeutic orientation is eclectic; but balances positive regard with problem solving. Of particular interest are Dialectical Behavioral Therapy; Family Systems and Narrative Therapy.

Abigail Schindler, Ph.D. is a senior fellow with the Psychiatry and Behavioral Sciences Department at University of Washington. Her research focuses on understanding the long-term negative consequences of adolescent alcohol intake using rodent models. Dr. Schindler received her Ph.D. from the University of Washington Department of Pharmacology in 2012, her dissertation work focused on understanding the interplay between stress, drug reward, and neuropsychiatric disorders such as depression and anxiety. She is a co-leader of the Forum on Science Ethics and Policy and is active in science advocacy and outreach initiatives.