Members of the Washington State Academy of Sciences represent a broad diversity of scientific disciplines and draw on experience in academia, government, and both non-profit and commercial sectors. Similar to the National Academies of Sciences, Engineering and Medicine, the membership provides expert scientific and technical advice to inform public policymaking in the State of Washington.
Nancy Allbritton

Professor of Bioengineering
University of Washington
Section 2: Engineering and Technology
Inducted to WSAS 2020
Field(s) of Expertise: Biomedical Microdevices

Russell Allgor

Chief Scientist, Global Delivery Services
Amazon
Section 2: Engineering and Technology
Inducted to WSAS 2021
National Academy of Engineering (NAE), 2021
Field(s) of Expertise: Industrial, Manufacturing, and Operational Systems; Chemical Engineering

Thomas E. Anderson

Warren Francis and Wilma Kolm Bradley Chair in Computer Science and Engineering
University of Washington
Section 2: Engineering and Technology
Inducted to WSAS 2016
National Academy of Engineering (NAE), 2016
Field(s) of Expertise: Computer Science

E. Virginia Armbrust

Director and Professor, School of Oceanography
University of Washington
Section 3: Biological Sciences
Inducted to WSAS 2012
Field(s) of Expertise: Genomics and Ecology of Marine Diatoms

Steven Flynn Ashby

Laboratory Director
Pacific Northwest National Laboratory
Section 1: Physical and Mathematical Sciences
Inducted to WSAS 2013
Field(s) of Expertise: Computational Science

Brian F. Atwater

Geologist
U.S. Geological Survey
Section 1: Physical and Mathematical Sciences
Inducted to WSAS 2008
National Academy of Sciences (NAS), 2007
Field(s) of Expertise: Geological Histories of Earthquakes, Tsunamis, and Floods

Donald R. Baer

Laboratory Fellow Emeritus
Pacific Northwest National Laboratory
Section 1: Physical and Mathematical Sciences
Inducted to WSAS 2014
Field(s) of Expertise: Chemical Physics

Joel Baker

Professor and Port of Tacoma Chair in Environmental Sciences, and Science Director of the Urban Waters Center
University of Washington
Section 1: Physical and Mathematical Sciences
Inducted to WSAS 2021
Field(s) of Expertise: Environmental Chemistry and Engineering; Assessment, Modeling, and Restoration of Urban Water

Nathan Baker

Laboratory Fellow
Pacific Northwest National Laboratory
Section 1: Physical and Mathematical Sciences
Inducted to WSAS 2020
Field(s) of Expertise: Data Science, Applied Mathematics

Amit Bandyopadhyay

Herman and Brita Lindholm Endowed Chair Professor
Washington State University
Section 2: Engineering and Technology
Inducted to WSAS 2017
Field(s) of Expertise: Materials Science and Engineering, Manufacturing
Francois Baneyx  
*Vice Provost for Innovation, Director of CoMotion, Charles W.H. Matthaei Professor of Chemical Engineering*  
University of Washington  
Section 2: Engineering and Technology  
Inducted to WSAS 2016  
Field(s) of Expertise: Synthetic Biology, Nanotechnology, Molecular Engineering, and Materials Science

Gustavo V. Barbosa-Cánovas  
*Professor of Food Engineering; Director for Nonthermal Processing of Food*  
Washington State University  
Section 2: Engineering and Technology  
Inducted to WSAS 2015  
Field(s) of Expertise: Food Engineering

Celestina Barbosa-Leiker  
*Vice Chancellor for Research*  
Washington State University  
Section 4: Health Sciences  
Inducted to WSAS 2019  
Field(s) of Expertise: Addiction

James M. Bardeen  
*Professor Emeritus*  
University of Washington  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2012  
National Academy of Sciences (NAS), 2012  
Field(s) of Expertise: General Relativity and Cosmology

Suresh Baskaran  
*Director, Research Partnerships*  
Pacific Northwest National Laboratory  
Section 2: Engineering and Technology  
Inducted to WSAS 2016  
Field(s) of Expertise: Energy, Transportation

Timothy V. Baszler  
*Professor and Executive Director*  
Washington State University  
Section 4: Health Sciences  
Inducted to WSAS 2020  
Field(s) of Expertise: Infectious Diseases, Veterinary Pathology

Katherine Beckett  
*Professor, Sociology & Law, Societies, Justice Program*  
University of Washington  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2016  
Field(s) of Expertise: Sociology, Criminal Justice

Shirley A. A. Beresford  
*Professor Emerita*  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2015  
Field(s) of Expertise: Epidemiology

Bobbie Berkowitz  
*Dean and Professor Emerita*  
Columbia University School of Nursing  
Section 4: Health Sciences  
Inducted to WSAS 2008  
National Academy of Medicine (NAM), 2002  
Field(s) of Expertise: Public Health, Health Disparities

Philip A. Bernstein  
*Distinguished Scientist*  
Microsoft Research  
Section 2: Engineering and Technology  
Inducted to WSAS 2008  
National Academy of Engineering (NAE), 2003  
Field(s) of Expertise: Computer Science (Data Management and Distributed Computing)
Thomas E. Besser  
*Professor Emeritus*  
Washington State University  
Section 4: Health Sciences  
Inducted to WSAS 2010  
Field(s) of Expertise: Agents that cause Human Food-borne Diseases

Cathryn Booth-LaForce  
*Professor, Child, Family, and Population Health Nursing*  
University of Washington  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2012  
Field(s) of Expertise: Effects of Environmental Inputs on the Development of Children

Peter Bethell  
*Senior Principal – Mineral Processing*  
Marshall Miller and Associates  
Section 2: Engineering and Technology  
Inducted to WSAS 2019  
National Academy of Engineering (NAE), 2014  
Field(s) of Expertise: Mineral Processing

Anjan Bose  
*Regents Professor, Distinguished Professor of Electric Power Engineering*  
Washington State University  
Section 2: Engineering and Technology  
Inducted to WSAS 2008  
National Academy of Engineering (NAE), 2003  
Field(s) of Expertise: Electrical Engineering

Sue Biggins  
*Associate Director, Division of Basic Sciences and Investigator, HHMI*  
Fred Hutchinson Cancer Research Center, HHMI  
Section 4: Health Sciences  
Inducted to WSAS 2015  
National Academy of Sciences (NAS), 2015  
Field(s) of Expertise: Genetics

Susmita Bose  
*Herman and Brita Lindholm Endowed Chair Professor*  
Washington State University  
Section 2: Engineering and Technology  
Inducted to WSAS 2017  
Field(s) of Expertise: Biomaterials, 3D Printing, Bone Implants and Drug Delivery

Cecilia M. Bitz  
*Professor, Department of Atmospheric Sciences*  
University of Washington  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2015  
Field(s) of Expertise: Atmospheric Sciences

Ann Bostrom  
*Weyerhaeuser Endowed Professor of Environmental Policy*  
University of Washington  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2014  
Field(s) of Expertise: Risk Perception and Communication

P. Dee Boersma  
*Wadsworth Endowed Chair in Conservation Science*  
University of Washington  
Section 3: Biological Sciences  
Inducted to WSAS 2011  
Field(s) of Expertise: Sea Bird Reproduction

Theodore W. Bowyer  
*Laboratory Fellow*  
Pacific Northwest National Laboratory  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2013  
Field(s) of Expertise: Nuclear Physics
Michael Bragg  
*Dean Emeritus and Professor of Aeronautics and Astronautics*  
University of Washington  
Section 2: Engineering and Technology  
Inducted to WSAS 2018  
Field(s) of Expertise: Aerodynamics, Flight Mechanics, Aircraft Icing

Kelly A. Brayton  
*Professor of Microbial Genomics*  
Washington State University  
Section 3: Biological Sciences  
Inducted to WSAS 2020  
Field(s) of Expertise: Vector-Borne Disease

Christopher Bretherton  
*Michael Wold and Anne Dinning Professor of Atmospheric Science and Applied Mathematics*  
University of Washington  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2019  
National Academy of Sciences (NAS), 2019  
Field(s) of Expertise: Climate Modeling

Don E. Brownlee  
*Professor of Astronomy*  
University of Washington  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2010  
National Academy of Sciences (NAS), 1995  
Field(s) of Expertise: Origin and Evolution of Planetary Materials, Planets and Planetary Systems

John A. Browse  
*Regents Professor of Biochemistry and Molecular Plant Sciences*  
Washington State University  
Section 3: Biological Sciences  
Inducted to WSAS 2018  
Field(s) of Expertise: Plant Biochemistry

Dedra Stefanie Buchwald  
*Professor, Elson S. Floyd School of Medicine*  
Washington State University  
Section 4: Health Sciences  
Inducted to WSAS 2015  
Field(s) of Expertise: Epidemiology

Elizabeth Buffalo  
*Associate Professor, Department of Physiology and Biophysics*  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2016  
Field(s) of Expertise: Memory and Cognition

Morris Bullock  
*Laboratory Fellow and Director, The Center for Molecular Electrocatalysis*  
Pacific Northwest National Laboratory  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2018  
Field(s) of Expertise: Chemistry, Homogeneous Catalysis, Molecular Electrocatalysis

Krzysztof Burdzy  
*Professor of Mathematics*  
University of Washington  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2013  
Field(s) of Expertise: Probability Theory and Related Problems in Mathematical Analysis, Combinatorics and Dynamical Systems

Douglas Call  
*Professor of Molecular Epidemiology*  
Washington State University  
Section 4: Health Sciences  
Inducted to WSAS 2017  
Field(s) of Expertise: Microbiology
Allison A. Campbell  
**Director**  
Pacific Northwest National Laboratory  
(retired)  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2013  
Field(s) of Expertise: Developing Capability and Program Development, Biomimetics

Charles T. Campbell  
*B. Seymour Rabinovitch Endowed Chair in Chemistry*  
University of Washington  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2013  
Field(s) of Expertise: Development of Chemical Catalysts and Techniques for Characterizing Material Surfaces

Richard F. Catalano, Jr.  
*Professor, Co-Founder, Social Development Research Group*  
University of Washington  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2013  
Field(s) of Expertise: Youth Development, Study and Prevention of Behavioral Health Problems

Charles Chavkin  
*Allan and Phyllis Treuer Endowed Chair in Pain Research and Professor of Pharmacology*  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2012  
Field(s) of Expertise: Molecular Basis of Drug Addiction

Xiangli Chen  
*Senior Advisor*  
McKinsey & Company  
Section 2: Engineering and Technology  
Inducted to WSAS 2018  
National Academy of Engineering (NAE), 2017  
Field(s) of Expertise: Innovation Strategy, Product Management, Industrial Laser Applications

Lili Cheng  
*Corporate Vice President and Distinguished Engineer, Microsoft AI and Research*  
Microsoft Corporation  
Section 2: Engineering and Technology  
Inducted to WSAS 2021  
National Academy of Engineering (NAE), 2021  
Field(s) of Expertise: Human-Computer Interaction

Sapna Cheryan  
*Professor of Psychology*  
University of Washington  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2021  
Field(s) of Expertise: Psychological and Cognitive Sciences

Dianne Chong  
*Vice-President, Engineering, Operations & Technology*  
The Boeing Company (retired)  
Section 2: Engineering and Technology  
Inducted to WSAS 2017  
National Academy of Engineering (NAE), 2017  
Field(s) of Expertise: Materials Engineering and Manufacturing

Dimitri Christakis  
*Director, Center for Child Health, Behavior, and Development*  
Seattle Children's Research Institute  
Section 4: Health Sciences  
Inducted to WSAS 2018  
Field(s) of Expertise: Pediatrics, Child Development, Health Services, Health Policy

Brad R. Colman  
*Director of Science*  
The Climate Corporation  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2014  
Field(s) of Expertise: Pacific Northwest Weather and Weather Prediction
R. James Cook
Professor Emeritus and Endowed Chair in Wheat Research
Washington State University
Section 3: Biological Sciences
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1993
Field(s) of Expertise: Plant Pathology

Brandi Cossairt
Professor of Chemistry
University of Washington
Section 1: Physical and Mathematical Sciences
Inducted to WSAS 2021
Field(s) of Expertise: Chemistry; Nanoscience

Larry R. Dalton
B. Seymour Rabinovitch Chair in Chemistry and George Kauffman Professor of Electrical Engineering
University of Washington
Section 2: Engineering and Technology
Inducted to WSAS 2012
Field(s) of Expertise: Advancement of Sub-Wavelength Photonics by Integrating Electro-optic Materials with Silicon Photonics and Plasmonics

Thomas Daniel
Professor of Biology and Komen Endowed Chair
University of Washington
Section 3: Biological Sciences
Inducted to WSAS 2012
Field(s) of Expertise: Neuromuscular Control of Animal Locomotion, Biomechanics, and Neural Engineering

Trisha Davis
Professor and Chair, Department of Biochemistry
University of Washington
Section 3: Biological Sciences
Inducted to WSAS 2015
Field(s) of Expertise: Protein Interactions

James J. De Yoreo
Chief Scientist, Materials Synthesis and Simulations
Pacific Northwest National Laboratory
Section 1: Physical and Mathematical Sciences
Inducted to WSAS 2015
National Academy of Engineering (NAE), 2021
Field(s) of Expertise: Experimental Physics

George Demiris
PIK (Penn Integrates Knowledge) University Professor
University of Washington
Section 4: Health Sciences
Inducted to WSAS 2014
Field(s) of Expertise: Clinical Informatics, Aging and Technology

Li Deng
Chief Artificial Intelligence Officer
Citadel America LLP
Section 2: Engineering and Technology
Inducted to WSAS 2019
Field(s) of Expertise: Artificial Intelligence

Don A. Dillman
Regents Professor and Deputy Director, Social and Economic Sciences Research Center
Washington State University
Section 5: Social and Behavioral Sciences
Inducted to WSAS 2010
Field(s) of Expertise: Sociology

Jacqueline E. Darroch
Senior Fellow
Guttmacher Institute
Section 4: Health Sciences
Inducted to WSAS 2008
National Academy of Medicine (NAM), 1995
Field(s) of Expertise: Social Demography
Cynthia Dougherty  
*Professor, Biobehavioral Nursing and Health Systems*  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2016  
Field(s) of Expertise: Cardiology

Evan Eichler  
*Professor of Genome Sciences*  
University of Washington  
Section 3: Biological Sciences  
Inducted to WSAS 2012  
National Academy of Sciences (NAS), 2012  
Field(s) of Expertise: Genome Science

Glen Duncan  
*Professor and Chair, Department of Nutrition and Exercise Physiology*  
Washington State University  
Section 4: Health Sciences  
Inducted to WSAS 2021  
Field(s) of Expertise: Exercise Physiology; Epidemiology, Spatial Epidemiology, and Twin Methods

Robert N. Eisenman  
*Member, Division of Basic Sciences*  
Fred Hutchinson Cancer Research Center  
Section 4: Health Sciences  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 1998  
Field(s) of Expertise: Molecular Genetics of Cancer

Susan Dumais  
*Technical Fellow and Director of Microsoft Research Labs in New England, New York City and Montreal*  
Microsoft Research  
Section 2: Engineering and Technology  
Inducted to WSAS 2011  
National Academy of Engineering (NAE), 2011  
Field(s) of Expertise: Information Retrieval, Web Search, Human-Computer Interaction

Kristie Ebi  
*Professor, The Center for Health and the Global Environment*  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2021  
Field(s) of Expertise: Climate Variability, Change, and Health/Risks and Responses; Co-Benefits of Mitigation Policies and Technologies

Christopher J. Elias  
*President, Global Development*  
Bill and Melinda Gates Foundation  
Section 4: Health Sciences  
Inducted to WSAS 2013  
National Academy of Medicine (NAM), 2013  
Field(s) of Expertise: Improving Global Health by Ensuring that Innovations in Science and Technology are Available to Low Income Groups and Developing Countries

Mark Ellis  
*Professor of Geography*  
University of Washington  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2014  
Field(s) of Expertise: Geography of Urban Places, Immigration, Race, and Ethnicity

Adrienne Fairhall  
*Associate Professor, Physiology and Biophysics*  
University of Washington  
Section 3: Biological Sciences  
Inducted to WSAS 2014  
Field(s) of Expertise: Neurobiology
Elaine Faustman  
*Professor and Director, The Institute for Risk Analysis and Risk Communication*  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2019  
Field(s) of Expertise: Toxicology

Joseph Felsenstein  
*Professor, Department of Genome Sciences and Department of Biology*  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 1999  
Field(s) of Expertise: Evolutionary Biology

Stanley Fields  
*Professor, Department of Genome Sciences and Department of Medicine; Investigator, Howard Hughes Medical Institute*  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 2000  
Field(s) of Expertise: Genetics and Genomics

Bruce A. Finlayson  
*Professor Emeritus of Chemical Engineering*  
University of Washington  
Section 2: Engineering and Technology  
Inducted to WSAS 2008  
National Academy of Engineering (NAE), 1994  
Field(s) of Expertise: Chemical Engineering

Thomas R. Fleming  
*Professor, Department of Biostatistics*  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2013  
National Academy of Medicine (NAM), 2013  
Field(s) of Expertise: Design, Conduct, and Analysis of Clinical Trials; Survival Analysis

Karl N Fleming  
*President*  
KNF Consulting Services LLC  
Section 2: Engineering and Technology  
Inducted to WSAS 2020  
National Academy of Engineering (NAE), 2020  
Field(s) of Expertise: Probabilistic Risk and Reliability Assessment of Complex Engineered Systems

James Fredrickson  
*Chief Scientist*  
Pacific Northwest National Laboratory  
Section 3: Biological Sciences  
Inducted to WSAS 2011  
Field(s) of Expertise: Microbial Ecology and Biogeochemistry

Brian French  
*Berry Family Distinguished Professor of Educational Psychology*  
Washington State University  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2021  
Field(s) of Expertise: Psychological and Educational Measurement; Research Methods and Statistics

Stanley C. Froehner  
*Professor and Chair, Department of Physiology & Biophysics*  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2013  
Field(s) of Expertise: Biochemistry, Neurobiology, and Cell Biology

Howard Frumkin  
*Professor Emeritus, Environmental and Occupational Health Sciences*  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2017  
National Academy of Medicine (NAM), 2021  
Field(s) of Expertise: Public Health and the Environment
Rita Fuchs-Lokensgard  
*Director, Alcohol and Drug Abuse Research Program*
Washington State University  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2021  
Field(s) of Expertise: Neuroscience

Dayong Gao  
*OriginCell Endowed Professor of Mechanical Engineering*
University of Washington  
Section 2: Engineering and Technology  
Inducted to WSAS 2017  
Field(s) of Expertise: Mechanical Engineering and Biomedical Engineering

John Geyman  
*Professor Emeritus of Family Medicine*
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2019  
National Academy of Medicine (NAM), 1985  
Field(s) of Expertise: Family Medicine

Cecilia Giachelli  
*Professor and W. Hunter and Dorothy Simpson Endowed Chair*
University of Washington  
Section 3: Biological Sciences  
Inducted to WSAS 2016  
Field(s) of Expertise: Biomaterials and Regenerative Medicine, Molecular and Cellular Engineering

Gary Gilliland  
*President and Director*
Fred Hutchinson Cancer Research Center  
Section 4: Health Sciences  
Inducted to WSAS 2016  
National Academy of Medicine (NAM),  
Field(s) of Expertise: Cancer Research and Treatment; Blood Diseases

David Ginger  
*Alvin L. and Verla R. Kwiram Endowed Professor of Chemistry*
Dept of Chemistry, and UW Clean Energy Institute  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2018  
Field(s) of Expertise: Physical and Materials Chemistry, especially of New Materials for Clean Energy and Optoelectronics Applications

Jay Giri  
*Director*
GGM Consulting (retired)  
Section 2: Engineering and Technology  
Inducted to WSAS 2015  
Field(s) of Expertise: Energy Management Systems

Michael Goodchild  
*Emeritus Professor of Geography*
University of California, Santa Barbara  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2018  
National Academy of Sciences (NAS), 2002  
Field(s) of Expertise: Geography, GIS

Lisa Graumlich  
*Dean Emeritus, College of the Environment & Mary Laird Wood Professor, School of Environmental and Forest Sciences*
University of Washington  
Section 3: Biological Sciences  
Inducted to WSAS 2021  
Field(s) of Expertise: Earth Science; Ecology

E. Peter Greenberg  
*Professor of Microbiology*
University of Washington  
Section 3: Biological Sciences  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 2004  
Field(s) of Expertise: Microbiology
Mark Groudine
*Member, Division of Basic Sciences, Special Advisor to the Director’s Office*
Fred Hutchinson Cancer Research Center
Section 3: Biological Sciences
Inducted to WSAS 2008
National Academy of Sciences (NAS), 2001 & NAM 2003
Field(s) of Expertise: Molecular and Cellular Biology

Elizabeth Halloran
*Professor of Epidemiology and Biostatistics*
University of Washington/Fred Hutchinson Cancer Research Center
Section 4: Health Sciences
Inducted to WSAS 2020
National Academy of Medicine (NAM), 2020
Field(s) of Expertise: Biostatistics

Alexes Harris
*Professor of Sociology*
University of Washington
Section 5: Social and Behavioral Sciences
Inducted to WSAS 2017
Field(s) of Expertise: Criminal justice

Dennis L. Hartmann
*Professor, Atmospheric Sciences*
University of Washington
Section 1: Physical and Mathematical Sciences
Inducted to WSAS 2016
National Academy of Sciences (NAS), 2016
Field(s) of Expertise: Atmospheric Science

Caroline S. Harwood
*Professor, Department of Microbiology*
University of Washington
Section 3: Biological Sciences
Inducted to WSAS 2008
National Academy of Sciences (NAS), 2009
Field(s) of Expertise: Understanding how Bacteria Integrate Diverse Environmental Signals and Diverse Metabolic Modules to Function at the Whole Cell Level

J. David Hawkins
*Emeritus Endowed Professor of Prevention*
University of Washington
Section 5: Social and Behavioral Sciences
Inducted to WSAS 2018
Field(s) of Expertise: Prevention of Child and Adolescent Behavioral Health Problems, Crime Prevention, Substance Abuse Prevention, Longitudinal Research, Preventive Intervention Research, Social Development

Maxine Hayes
*Washington State Health Officer*
Washington State Department of Health (retired)
Section 4: Health Sciences
Inducted to WSAS 2008
National Academy of Medicine (NAM), 2008
Field(s) of Expertise: Public Health, Population Health, Pediatrics, Maternal Child Health

Patrick Heagerty
*Professor of Biostatistics*
University of Washington
Section 4: Health Sciences
Inducted to WSAS 2021
National Academy of Medicine (NAM), 2021
Field(s) of Expertise: Biostatistics; Clinical and Population Research

Blayne R. Heckel
*Professor Emeritus, Department of Physics*
University of Washington
Section 1: Physical and Mathematical Sciences
Inducted to WSAS 2012
Field(s) of Expertise: Gravitational Phenomena -Time-Reversal Symmetry Violation

Margaret Heitkemper
*Chair, Biobehavioral Nursing and Health Systems*
University of Washington
Section 4: Health Sciences
Inducted to WSAS 2013
National Academy of Medicine (NAM), 2015
Field(s) of Expertise: Irritable Bowel Syndrome (IBS)
Steve Henikoff  
Investigator, Howard Hughes Medical Institute  
Fred Hutchinson Cancer Research  
Section 4: Health Sciences  
Inducted to WSAS 2018  
National Academy of Sciences (NAS), 2005  
Field(s) of Expertise: Genetics and Genomics

Ray Hilborn  
Professor of Fisheries Management, Aquatic and Fishery Sciences  
University of Washington  
Section 3: Biological Sciences  
Inducted to WSAS 2010  
Field(s) of Expertise: Natural Resource Management and Conservation

Laura Hill  
Vice Provost and Professor, Department of Human Development  
Washington State University  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2020  
Field(s) of Expertise: Prevention, Implementation, Evidence-based Programs

Kerry Wayne Hipps  
Regents Professor of Chemistry, Materials Science, and Engineering  
Washington State University  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2013  
Field(s) of Expertise: Chemistry

Jonathan Himmelfarb  
Director, Kidney Research Center  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2021  
Field(s) of Expertise: Medicine, Bioengineering

Charles Hirschman  
Boeing International Professor  
University of Washington  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2010  
Field(s) of Expertise: Sociology

Eric Holland  
Senior VP and Director of Human Biology  
Fred Hutchinson Cancer Research Center  
Section 4: Health Sciences  
Inducted to WSAS 2018  
National Academy of Medicine (NAM), 2009  
Field(s) of Expertise: Mouse Models of Cancer, Brain Tumors

King K. Holmes  
Professor, Director of Research and Faculty Development, Department of Global Health  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2008  
National Academy of Medicine (NAM), 1987  
Field(s) of Expertise: AIDS and STDs

John D. Hooper  
Senior Principal and Director of Earthquake Engineering  
Magnusson Klemencic Associates  
Section 2: Engineering and Technology  
Inducted to WSAS 2020  
National Academy of Engineering (NAE), 2021  
Field(s) of Expertise: Structural Engineering, Earthquake Engineering

Robert Horsch  
Advisor, Global Commission on Adaptation  
World Resources Institute  
Section 3: Biological Sciences  
Inducted to WSAS 2011  
Field(s) of Expertise: Plant Genetic Transformation
Raymond B. Huey  
Professor Emeritus of Biology  
University of Washington  
Section 3: Biological Sciences  
Inducted to WSAS 2015  
Field(s) of Expertise: Evolutionary Physiology

Janet Jansson  
Laboratory Fellow and Chief Scientist for Biology  
Pacific Northwest National Laboratory  
Section 3: Biological Sciences  
Inducted to WSAS 2015  
Field(s) of Expertise: Plant, Soil, and Microbial Sciences

Scot Hulbert  
Associate Dean and Director, Agricultural Research Center  
Washington State University  
Section 3: Biological Sciences  
Inducted to WSAS 2021  
Field(s) of Expertise: Genetics, Agricultural Sciences

Samson A. Jenekhe  
Boeing - Martin Professor of Chemical Engineering  
University of Washington  
Section 2: Engineering and Technology  
Inducted to WSAS 2013  
National Academy of Engineering (NAE), 2021  
Field(s) of Expertise: Organic and Printed Electronics

Patricia Ann Hunt  
Meyer Distinguished Professor, School of Molecular Bioscience  
Washington State University  
Section 3: Biological Sciences  
Inducted to WSAS 2015  
Field(s) of Expertise: Aneuploidy

Forrester T. Johnson  
Senior Technical Fellow  
The Boeing Company  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2008  
National Academy of Engineering (NAE), 2000  
Field(s) of Expertise: Computational Fluid Dynamics

Lee Huntsman  
President Emeritus  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2011  
Field(s) of Expertise: Bioengineering, Leadership of Scientific and Policy Initiatives in the State of Washington

Monica Kirkpatrick Johnson  
Professor and Chair, Department of Sociology  
Washington State University  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2016  
Field(s) of Expertise: Sociology

Daniel Jaffe  
Professor and Chair of Physical Science Division  
University of Washington – Bothell  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2021  
Field(s) of Expertise: Environmental and Atmospheric Chemistry, Air Pollution; Climate Science and Environmental Policy

Cheryl Kaiser  
Professor and Chair, Department of Psychology  
University of Washington  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2021  
Field(s) of Expertise: Social Psychology; Intersection of Law, Organizational Science, and Political Science
David B. Kaplan  
*Director, Institute for Nuclear Theory*  
University of Washington  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2010  
National Academy of Sciences (NAS), 2013  
Field(s) of Expertise: Quantum Field Theory

Gary S. Kaplan  
*Chairman and CEO*  
Virginia Mason Health System  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2014  
National Academy of Medicine (NAM), 2013  
Field(s) of Expertise: Internal Medicine

Anna Karlin  
*Bill & Melinda Gate Chair in Computer Science & Engineering*  
University of Washington  
Section 2: Engineering and Technology  
Inducted to WSAS 2021  
National Academy of Sciences (NAS), 2021 &  
National Academy of Engineering (NAE), 2021  
Field(s) of Expertise: Theoretical Computer Science

Kristina B. Katsaros  
*Former Director, Atlantic Oceanographic and Meteorological Laboratory, retired*  
Northwest Research Associates Inc, Emeritus, and NOAA (retired)  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2008  
National Academy of Engineering (NAE), 2001  
Field(s) of Expertise: Atmospheric and Oceanic Sciences

Joel D. Kaufman  
*Professor of Epidemiology*  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2017  
Field(s) of Expertise: Air Pollution and Cardiovascular Health

Tom Kawula  
*Professor and Director, Paul G. Allen School for Global Health*  
Washington State University  
Section 4: Health Sciences  
Inducted to WSAS 2019  
Field(s) of Expertise: Zoonotic Infectious Diseases

Bruce D. Kay  
*Laboratory Fellow*  
Pacific Northwest National Laboratory  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2017  
Field(s) of Expertise: Chemical Physics

Christopher Keane  
*Vice President for Research*  
Washington State University  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2019  
Field(s) of Expertise: Physics and Astronomy

Sarah Keller  
*Professor of Chemistry*  
University of Washington  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2011  
Field(s) of Expertise: Inhomogeneous Distribution of Lipids within Membranes that Model Cell Membranes

Munira Khalil  
*Leon C. Johnson Professor and Chair of Chemistry*  
University of Washington  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2021  
Field(s) of Expertise: Physical Chemistry; Ultrafast Spectroscopy
Susan Kieffer  
*Charles R. Walgreen, Jr., University Professor, Emerita*  
University of Illinois at Urbana-Champaign  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2019  
National Academy of Sciences (NAS), 1986  
Field(s) of Expertise: Geological Fluid Dynamics

Ronald Klemencic  
*CEO*  
Magnusson Klemencic Associates Inc  
Section 2: Engineering and Technology  
Inducted to WSAS 2020  
National Academy of Engineering (NAE), 2020  
Field(s) of Expertise: Structural Engineering, Seismic Engineering

Rachel Klevit  
*Professor of Biochemistry*  
University of Washington  
Section 3: Biological Sciences  
Inducted to WSAS 2016  
National Academy of Sciences (NAS), 2021  
Field(s) of Expertise: Biochemistry

Keith P. Klugman  
*Director for Pneumonia*  
Bill and Melinda Gates Foundation  
Section 4: Health Sciences  
Inducted to WSAS 2016  
National Academy of Medicine (NAM), 2015  
Field(s) of Expertise: Global Public Health

Julie Kmec  
*Professor, Department of Sociology*  
Washington State University  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2019  
Field(s) of Expertise: Sociology of Work and Organizations

Tim Kohler  
*Regents Professor of Anthropology*  
Washington State University  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2018  
Field(s) of Expertise: Archaeology, Neolithic Societies, Complex Systems

Allan E. Konopka  
*Director of Microbiology*  
Pacific Northwest National Laboratory  
Section 3: Biological Sciences  
Inducted to WSAS 2010  
Field(s) of Expertise: Physiological and Community Ecology of Microbes in Natural and Engineered Ecosystems

Richard Kouzes  
*Laboratory Fellow, Materials Sciences*  
Pacific Northwest National Laboratory  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2021  
Field(s) of Expertise: Physics; Computing

Steve Kramer  
*Professor Emeritus, Civil & Environmental Engineering*  
University of Washington  
Section 2: Engineering and Technology  
Inducted to WSAS 2020  
National Academy of Engineering (NAE), 2020  
Field(s) of Expertise: Geotechnical Earthquake Engineering, Geotechnical Engineering

Ondrej Krivanek  
*President*  
Nion Corporation  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2021  
Field(s) of Expertise: Electron Optics; Solid State Physics
James M. Krueger  
*Regents Professor, School of Molecular Biosciences*  
Washington State University  
Section 4: Health Sciences  
Inducted to WSAS 2012  
Field(s) of Expertise: Physiology

Patricia K. Kuhl  
*Endowed Chair, Bezos Family Foundation for Early Childhood Learning; Co-Director, UW Institute for Learning & Brain Sciences; Director, NSF Science of Learning Center (LIFE)*  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2010  
National Academy of Sciences (NAS), 2010  
Field(s) of Expertise: Early Language and Brain Development

Alvin L. Kwiram  
*Emeritus Professor of Chemistry*  
University of Washington  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2014  
Field(s) of Expertise: Chemistry

Eric B. Larson  
*Senior Investigator*  
Kaiser Permanente Washington Health Research Institute  
Section 4: Health Sciences  
Inducted to WSAS 2015  
National Academy of Medicine (NAM), 2007  
Field(s) of Expertise: Healthcare Innovation

Ed Lazowska  
*Professor, and Bill & Melinda Gates Chair Emeritus, Paul G. Allen School of Computer Science & Engineering*  
University of Washington  
Section 2: Engineering and Technology  
Inducted to WSAS 2008  
National Academy of Engineering (NAE), 2001  
Field(s) of Expertise: Computer Science and Engineering

Ann L. Lee  
*Executive Vice President*  
Juno Therapeutics  
Section 2: Engineering and Technology  
Inducted to WSAS 2019  
National Academy of Engineering (NAE), 2007  
Field(s) of Expertise: Bioengineering and Biotechnology

Lai-yung "Ruby" Leung  
*Battelle Fellow*  
Pacific Northwest National Laboratory  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2013  
Field(s) of Expertise: Atmospheric Science

Randall LeVeque  
*Professor Emeritus, Applied Mathematics*  
University of Washington  
Section 2: Engineering and Technology  
Inducted to WSAS 2021  
National Academy of Sciences (NAS), 2021  
Field(s) of Expertise: Applied Mathematics, Geohazards

Henry Levy  
*Chairman and Wissner-Slivka Chair*  
University of Washington  
Section 2: Engineering and Technology  
Inducted to WSAS 2011  
National Academy of Engineering (NAE), 2011  
Field(s) of Expertise: Operating Systems, Distributed Systems, Security, the WWW, and Computer Archives

Mary Lidstrom  
*Frank Jungers Chair of Engineering, Professor in Chemical Engineering*  
University of Washington  
Section 3: Biological Sciences  
Inducted to WSAS 2011  
National Academy of Sciences (NAS), 2013  
Field(s) of Expertise: Microbial Biology
Yuehe Lin  
*Professor, School of Mechanical and Materials Engineering*  
Washington State University/Pacific Northwest National Laboratory  
Section 2: Engineering and Technology  
Inducted to WSAS 2018  
Field(s) of Expertise: Material Science and Engineering; Biomedical Engineering

Steven B. Lipner  
*Executive Director*  
SAFECODE  
Section 2: Engineering and Technology  
Inducted to WSAS 2017  
National Academy of Engineering (NAE), 2017  
Field(s) of Expertise: Computer Science and Engineering

Jun Liu  
*Division Director and Laboratory Fellow*  
Pacific Northwest National Laboratory/UW  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2016  
Field(s) of Expertise: Materials Sciences and Energy

David Lomet  
*Partner Researcher*  
Microsoft Research  
Section 2: Engineering and Technology  
Inducted to WSAS 2018  
National Academy of Engineering (NAE), 2018  
Field(s) of Expertise: Data Management and Transactional Systems

Christine Luscombe  
University of Washington  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2020  
Field(s) of Expertise: Polymers, Clean Energy

Alair MacLean  
*Professor of Sociology*  
Washington State University  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2020  
Field(s) of Expertise: Inequality, Education, Military, Veterans

Jon D. Magnusson  
*Senior Principal*  
Magnusson Klemencic Associates  
Section 2: Engineering and Technology  
Inducted to WSAS 2016  
National Academy of Engineering (NAE), 2016  
Field(s) of Expertise: Structural Engineering, Seismic Engineering

Henrique S. Malvar  
*Distinguished Engineer*  
Microsoft Research  
Section 2: Engineering and Technology  
Inducted to WSAS 2012  
National Academy of Engineering (NAE), 2012  
Field(s) of Expertise: Signal Processing Enhancement/Compression, Decompositions, Coding Theory

Ramulu Mamidala  
*Boeing Pennell Professor of Engineering, and Mechanical Engineering*  
University of Washington  
Section 2: Engineering and Technology  
Inducted to WSAS 2015  
Field(s) of Expertise: Manufacturing Science

Marc Mangel  
*Distinguished Professor*  
University of Washington Tacoma/University of California Santa Cruz  
Section 3: Biological Sciences  
Inducted to WSAS 2020  
Field(s) of Expertise: Mathematical Biology
Thomas Marsh  
*Professor and IMPACT Director, School of Economic Sciences*  
Washington State University  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2011  
Field(s) of Expertise: Agricultural Economics

Michael G. McDonell  
*Professor, Elson S. Floyd College of Medicine*  
Washington State University  
Section 4: Health Sciences  
Inducted to WSAS 2020  
Field(s) of Expertise: Substance Use and Mental Health Treatment

George M. Martin  
*Professor Emeritus of Pathology*  
University of Washington  
Section 3: Biological Sciences  
Inducted to WSAS 2008  
Field(s) of Expertise: Pathology

Terry F. McElwain  
*Regents Professor Emeritus, Paul G. Allen School for Global Animal Health*  
Washington State University  
Section 4: Health Sciences  
Inducted to WSAS 2008  
National Academy of Medicine (NAM), 2009  
Field(s) of Expertise: Global Control of Persistent Infectious Diseases

Clifford F. Mass  
*Professor, Department of Atmospheric Sciences*  
University of Washington  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2012  
Field(s) of Expertise: Weather of the American Northwest

Larry McLerran  
*Director, Institute for Nuclear Theory and Professor of Physics*  
University of Washington  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2017  
Field(s) of Expertise: Theoretical Physics

Peter J. May  
*Donald R. Matthews Distinguished Professor Emeritus of American Politics*  
University of Washington  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2011  
Field(s) of Expertise: Policy Processes, Environmental Regulation, and Policymaking for Natural Hazards and Disasters

Sterling M. McPherson  
*Director, Biostatistics and Clinical Trial Design*  
Washington State University  
Section 4: Health Sciences  
Inducted to WSAS 2020  
Field(s) of Expertise: Evidence-based Drug/Alcohol Use Disorder Treatments

Jill McCluskey  
*Regents Professor, School of Economic Sciences*  
Washington State University  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2015  
Field(s) of Expertise: Consumer Preferences, Product Quality, Industrial Organization

Victoria Meadows  
*Professor and Director, Astrobiology Program*  
University of Washington  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2021  
Field(s) of Expertise: Astrobiology; Planetary and Exoplanetary Science

Anne McCoy  
*Professor of Chemistry*  
University of Washington  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2019  
Field(s) of Expertise: Theoretical Spectroscopy
Katrina Mealey
Richard L. Ott Endowed Chair in Small Animal Medicine and Research
Washington State University
Section 4: Health Sciences
Inducted to WSAS 2020
Field(s) of Expertise: Pharmacogenetics; Companion Animal Veterinary Medicine

Kathryn Meier
Professor and Interim Chair, Department of Pharmacological Sciences
Washington State University
Section 4: Health Sciences
Inducted to WSAS 2021
Field(s) of Expertise: Pharmacology; Biochemistry

Andrew N. Meltzoff
Co-Director, Institute for Learning and Brain Sciences
University of Washington
Section 5: Social and Behavioral Sciences
Inducted to WSAS 2010
Field(s) of Expertise: Psychological and Cognitive Sciences

Pamela Holsclaw Mitchell
Professor Emeritus, Biobehavioral Nursing and Health Informatics
University of Washington
Section 4: Health Sciences
Inducted to WSAS 2012
Field(s) of Expertise: Patient Outcomes of Care Systems and Clinical Research on Care for Patients

Ron C. Mittelhammer
Regents Professor of Economic Sciences and Statistics
Washington State University
Section 5: Social and Behavioral Sciences
Inducted to WSAS 2012
Field(s) of Expertise: Econometrics and Statistics

Bruce Montgomery
CEO
Avalyn Pharma
Section 4: Health Sciences
Inducted to WSAS 2015
Field(s) of Expertise: Antimicrobial Development

David Montgomery
Professor of Earth and Space Sciences
University of Washington
Section 1: Physical and Mathematical Sciences
Inducted to WSAS 2020
Field(s) of Expertise: Geomorphology

Randall T. Moon
William & Marilyn Conner Professor and Founding Director of the Institute of Stem Cell & Regenerative Medicine
University of Washington School of Medicine
Section 4: Health Sciences
Inducted to WSAS 2011
National Academy of Sciences (NAS), 2015
Field(s) of Expertise: Signal Transduction Pathways in Development and in Disease

Sue E. Moore
Affiliate Professor
Center for Ecosystem Sentinels, University of Washington
Section 3: Biological Sciences
Inducted to WSAS 2020
Field(s) of Expertise: Marine Mammals; Bioacoustics

Kristi Morgansen
Professor and Chair of Aeronautics and Astronautics
University of Washington
Section 2: Engineering and Technology
Inducted to WSAS 2021
Field(s) of Expertise: Guidance, Navigation, Control, and Autonomy; Aerospace Engineering
Earll M. Murman  
*Ford Professor of Engineering Emeritus*
Massachusetts Institute of Technology
Section 2: Engineering and Technology
Inducted to WSAS 2008
National Academy of Engineering (NAE), 1991
Field(s) of Expertise: Industrial and Systems Engineering

Christopher J. L. Murray  
*Director, Institute for Health Metrics and Evaluation and Professor, Department of Global Health*
University of Washington
Section 4: Health Sciences
Inducted to WSAS 2008
National Academy of Medicine (NAM), 2007
Field(s) of Expertise: Population Health Measurement and Health System Performance Assessment

Charles Emerson Murry  
*Co-Director, Institute for Stem Cell and Regenerative Medicine; Professor, Department of Pathology; Professor, Department of Bioengineering*
University of Washington
Section 4: Health Sciences
Inducted to WSAS 2012
National Academy of Sciences (NAS), 1994
Field(s) of Expertise: Discovered Ischemic Preconditioning, the Most Powerful Mammalian Protection System against Cell Death

Roger M. Myers  
*Executive Director*
Aerojet Rocketdyne Redmond (retired)
Section 2: Engineering and Technology
Inducted to WSAS 2012
National Academy of Engineering (NAE), 2021
Field(s) of Expertise: Aerospace

Julio A. Navarro  
*Senior Technical Fellow*
Boeing Research and Technology
Section 2: Engineering and Technology
Inducted to WSAS 2021
National Academy of Engineering (NAE), 2021
Field(s) of Expertise: RF Circuits and Antennas; Directional Communications and Radar Sensors

Alshakim Nelson  
*Associate Professor of Chemistry*
University of Washington
Section 2: Engineering and Technology
Inducted to WSAS 2021
Field(s) of Expertise: Polymer Chemistry; 3D Printing

Eugene Nester  
*Professor Emeritus of Microbiology*
University of Washington
Section 3: Biological Sciences
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1994
Field(s) of Expertise: Microbial Plant Pathology

Matthew O'Donnell  
*Frank and Julie Jungers Dean of Engineering Emeritus and Professor of Bioengineering*
University of Washington
Section 2: Engineering and Technology
Inducted to WSAS 2008
National Academy of Engineering (NAE), 2009
Field(s) of Expertise: Cutting-Edge Explorations of New Imaging Modalities in Biomedicine

Gordon H. Orians  
*Professor Emeritus of Biology*
University of Washington
Section 3: Biological Sciences
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1989
Field(s) of Expertise: Ecology
Mari Ostendorf

Endowed Professor of System Design Methodologies, Electrical & Computer Engineering Associate Vice Provost for Research University of Washington University of Washington
Section 2: Engineering and Technology Inducted to WSAS 2019 National Academy of Engineering (NAE), 2021 Field(s) of Expertise: Speech and Language Processing

Guy Hughes Palmer

Regents Professor of Pathology & Infectious Diseases and Senior Director of Global Health Washington State University Section 4: Health Sciences Inducted to WSAS 2008 National Academy of Medicine (NAM), 2006 Field(s) of Expertise: Infectious Diseases, Global Health and Development

Ljiljana Pasa-Tolic

Laboratory Fellow, Functional and Systems Biology Pacific Northwest National Laboratory Section 2: Engineering and Technology Inducted to WSAS 2021 Field(s) of Expertise: Analytical Chemistry and Mass Spectrometry; Omics and Systems Biology

Radia J. Perlman

Fellow Dell EMC Section 2: Engineering and Technology Inducted to WSAS 2015 National Academy of Engineering (NAE), 2015 Field(s) of Expertise: Computer Science and Engineering

Edward B. Perrin

Professor Emeritus, Health Systems and Population Health University of Washington Section 4: Health Sciences Inducted to WSAS 2008 National Academy of Medicine (NAM), 1974 Field(s) of Expertise: Biostatistics, Health Data Systems, and Health Services Research

John Peters

Professor and Director, Institute of Biological Chemistry Washington State University Section 3: Biological Sciences Inducted to WSAS 2021 Field(s) of Expertise: Biochemistry; Microbiology

Theodore W. Pietsch

Professor and Curator of Fishes, School of Aquatic and Fishery Sciences University of Washington Section 3: Biological Sciences Inducted to WSAS 2010 Field(s) of Expertise: Marine Ichthyology

Robert D. Plotnick

Professor Emeritus, Evans School of Public Policy and Governance University of Washington Section 5: Social and Behavioral Sciences Inducted to WSAS 2012 Field(s) of Expertise: Economic Analysis of the Prevalence, Causes, and Consequences of Poverty in the U.S.

B. W. "Joe" Poovaiah

Regents Professor, Department of Horticulture and Landscape Architecture Washington State University Section 3: Biological Sciences Inducted to WSAS 2010 Field(s) of Expertise: Calcium Signaling in Plants, Plant Growth and Development, Biotechnology
Bruce Mark M. Psaty  
*Professor and Investigator, Departments of Medicine, Epidemiology, and Health Services*  
Group Health Research Institute  
Section 4: Health Sciences  
Inducted to WSAS 2014  
National Academy of Medicine (NAM), 2013  
Field(s) of Expertise: Cardiovascular Epidemiology

Buddy D. Ratner  
*Professor of Chemical and Bioengineering and Co-Director, Center for Dialysis Innovation*  
University of Washington  
Section 2: Engineering and Technology  
Inducted to WSAS 2008  
National Academy of Engineering (NAE), 2002  
Field(s) of Expertise: Bioengineering

Suzie Pun  
*Professor of Bioengineering*  
University of Washington  
Section 2: Engineering and Technology  
Inducted to WSAS 2018  
Field(s) of Expertise: Drug Delivery and Biomaterials

John Reganold  
*Regents Professor of Soil Science and Agroecology*  
Washington State University  
Section 3: Biological Sciences  
Inducted to WSAS 2012  
Field(s) of Expertise: Agroecology

Andre Eric Punt  
*Director, School of Aquatic and Fishery Sciences*  
University of Washington  
Section 3: Biological Sciences  
Inducted to WSAS 2014  
Field(s) of Expertise: Assessment and Management of Marine Resources

Amelie E. Paganini  
*Professor of Aquatic and Fishery Sciences*  
University of Washington  
Section 3: Biological Sciences  
Inducted to WSAS 2010  
Field(s) of Expertise: Fish Behavior, Ecology, and Evolution

Per Reinhall  
*Professor and Chair, Department of Mechanical Engineering*  
University of Washington  
Section 2: Engineering and Technology  
Inducted to WSAS 2019  
Field(s) of Expertise: Dynamical Systems, Vibrations, and Acoustics

Thomas P. Quinn  
*Professor of Aquatic and Fishery Sciences*  
University of Washington  
Section 3: Biological Sciences  
Inducted to WSAS 2010  
Field(s) of Expertise: Fish Behavior, Ecology, and Evolution

Phil Rasch  
*Laboratory Fellow and Chief Scientist for Climate Science*  
Pacific Northwest National Laboratory  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2020  
Field(s) of Expertise: Climate Science

Lynn Riddiford  
*Professor Emerita, Biology*  
University of Washington Friday Harbor Laboratories  
Section 3: Biological Sciences  
Inducted to WSAS 2018  
National Academy of Sciences (NAS), 2010  
Field(s) of Expertise: Insect Endocrinology

James Joseph Riley  
*Professor Emeritus, Mechanical Engineering*  
University of Washington  
Section 2: Engineering and Technology  
Inducted to WSAS 2012  
National Academy of Engineering (NAE), 2014  
Field(s) of Expertise: Fluid Dynamics
Robert C. Ritter  
*Professor of Neuroscience and Physiology*  
Washington State University  
Section 4: Health Sciences  
Inducted to WSAS 2013  
Field(s) of Expertise: Neuroendocrinological Control of Appetite and Satiety

R. G. Hamish Robertson  
*Boeing Distinguished Professor of Physics, Emeritus*  
University of Washington  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 2004  
Field(s) of Expertise: Nuclear and Particle Physics

John Roll  
*Professor and Vice Dean for Research, Elson S. Floyd College of Medicine*  
Washington State University  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2016  
Field(s) of Expertise: Addiction

Cornelius Rosse  
*Professor Emeritus, Department of Biological Structure*  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2019  
National Academy of Medicine (NAM), 2001  
Field(s) of Expertise: Anatomy

Kevin Rosso  
*Laboratory Fellow and Associate Director of Geochemistry, Physical Sciences Division*  
Pacific Northwest National Laboratory  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2019  
Field(s) of Expertise: Geochemistry

Brian Saelens  
*Professor of Pediatrics and Psychiatry & Behavioral Sciences*  
Seattle Children’s Research Institute  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2018  
Field(s) of Expertise: Child Health Psychology, Obesity Treatment and Prevention, Environment and Policy Factors that Impact Physical Activity and Healthy Eating

R. G. Hamish Robertson  
*Boeing Distinguished Professor of Physics, Emeritus*  
University of Washington  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 2004  
Field(s) of Expertise: Nuclear and Particle Physics

John Roll  
*Professor and Vice Dean for Research, Elson S. Floyd College of Medicine*  
Washington State University  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2016  
Field(s) of Expertise: Addiction

Cornelius Rosse  
*Professor Emeritus, Department of Biological Structure*  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2019  
National Academy of Medicine (NAM), 2001  
Field(s) of Expertise: Anatomy

Kevin Rosso  
*Laboratory Fellow and Associate Director of Geochemistry, Physical Sciences Division*  
Pacific Northwest National Laboratory  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2019  
Field(s) of Expertise: Geochemistry

Marla Salmon  
*Professor of Nursing and Global Health*  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2019  
National Academy of Medicine (NAM), 1996  
Field(s) of Expertise: Nursing

Martin Savage  
*Professor of Physics*  
University of Washington  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2019  
Field(s) of Expertise: Nuclear Physics

Daniel E. Schindler  
*Professor of Aquatic and Fishery Sciences*  
University of Washington  
Section 3: Biological Sciences  
Inducted to WSAS 2018  
Field(s) of Expertise: Aquatic Ecology, Limnology, Fisheries

Maureen Schmitter-Edgecombe  
*H. L. Eastlick Professor of Psychology*  
Washington State University  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2019  
Field(s) of Expertise: Clinical Neuropsychology
Noel Schulz  
*Edmund Schweitzer Chair, EECS and Co-Director, PNNL/WSU Advanced Grid Institute* 
Washington State University  
Section 2: Engineering and Technology  
Inducted to WSAS 2021  
Field(s) of Expertise: Electric Power Engineering and Renewable Energy Integration; Engineering Education, Women in STEM

Jon Schwantes  
*Senior Research Scientist and Lead, Nuclear & Radiochemistry Team* 
Pacific Northwest National Laboratory  
Section 2: Engineering and Technology  
Inducted to WSAS 2021  
Field(s) of Expertise: Nuclear & Radiochemistry and Nuclear Forensics; Environmental Engineering and Chemistry

Daniel Schwartz  
*Founding Director and Boeing-Sutter Professor, Clean Energy Institute* 
University of Washington  
Section 2: Engineering and Technology  
Inducted to WSAS 2016  
Field(s) of Expertise: Clean Energy, Transportation

Edmund O. Schweitzer, III  
*President* 
Schweitzer Engineering Laboratories, Inc.  
Section 2: Engineering and Technology  
Inducted to WSAS 2008  
National Academy of Engineering (NAE), 2002  
Field(s) of Expertise: Electric Power and Energy Systems Engineering/Industrial Manufacturing and Operational Systems Engineering

John Donald Scott  
*Krebs-Speights Professor of Cell Signaling and Cancer Biology* 
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2013  
Field(s) of Expertise: Signal Communication between Cells

Tueng Shen  
*Graham & Brenda Siddall Endowed Chair and Associate Dean, Medical Technology Innovation* 
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2021  
Field(s) of Expertise: Medicine; Bioengineering

Harry Shum  
*Emeritus Researcher* 
Microsoft Corporation  
Section 2: Engineering and Technology  
Inducted to WSAS 2019  
National Academy of Engineering (NAE), 2017  
Field(s) of Expertise: Artificial Intelligence

Subhash C. Singhal  
*Battelle Fellow Emeritus* 
Pacific Northwest National Laboratory  
Section 2: Engineering and Technology  
Inducted to WSAS 2008  
National Academy of Engineering (NAE), 2005  
Field(s) of Expertise: Energy

Jane Sisk  
*Professor Emerita of Pharmacy* 
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2018  
National Academy of Medicine (NAM), 2001  
Field(s) of Expertise: Pharmacy
Michael K. Skinner
*Eastlick Distinguished Professor in Health Sciences*
Washington State University
Section 3: Biological Sciences
Inducted to WSAS 2019
Field(s) of Expertise: Genomics

Michael J. Smerdon
*Regents Professor of Biochemistry and Biophysics*
Washington State University
Section 3: Biological Sciences
Inducted to WSAS 2013
Field(s) of Expertise: DNA Damage and Repair in Eukaryotes; Carcinogenesis and Cancer Prevention

Richard D. Smith
*Battelle Fellow and Chief Scientist, Biological Sciences Division*
Pacific Northwest National Laboratory
Section 3: Biological Sciences
Inducted to WSAS 2010
Field(s) of Expertise: Proteomics and Metabolomics, Mass Spectrometry

David A Stahl
*Professor of Environmental Engineering*
University of Washington
Section 2: Engineering and Technology
Inducted to WSAS 2012
National Academy of Engineering (NAE), 2012
Field(s) of Expertise: Civil and Environmental Engineering

John Stark
*Director and Professor of Ecotoxicology*
Washington Stormwater Center
Section 3: Biological Sciences
Inducted to WSAS 2019
Field(s) of Expertise: Toxicology

H. David Stensel
*Professor, Department of Civil Engineering*
University of Washington
Section 2: Engineering and Technology
Inducted to WSAS 2013
Field(s) of Expertise: Biological Wastewater Treatment Processes

Andy S. Stergachis
*Professor, Epidemiology and Global Health Adjunct Professor of Pharmacy and Health Services Director, Global Medicines Program*
University of Washington
Section 4: Health Sciences
Inducted to WSAS 2013
National Academy of Medicine (NAM), 2013
Field(s) of Expertise: Pharmacoepidemiology, Global Medicines Safety

Richard Szeliski
*Distinguished Scientist*
Facebook
Section 2: Engineering and Technology
Inducted to WSAS 2015
National Academy of Engineering (NAE), 2015
Field(s) of Expertise: Computer Science

Juming Tang
*Distinguished Chair of Food Engineering*
Washington State University
Section 2: Engineering and Technology
Inducted to WSAS 2019
National Academy of Engineering (NAE), 2021
Field(s) of Expertise: Food Engineering

Julie Theriot
*Professor of Biology*
University of Washington
Section 3: Biological Sciences
Inducted to WSAS 2021
National Academy of Sciences (NAS), 2021
Field(s) of Expertise: Biomechanics; Cell and Molecular Biology; Computational Biology
Ronald M. Thom  
*Staff Scientist Emeritus, Marine Sciences Laboratory*  
Pacific Northwest National Laboratory  
Section 3: Biological Sciences  
Inducted to WSAS 2010  
Field(s) of Expertise: Coastal Ecosystem Science and Restoration

Elizabeth Thompson  
*Professor, Department of Statistics*  
University of Washington  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 2008  
Field(s) of Expertise: Statistics: Methods for the Statistical Analysis of Genetic Data, Computational Biology

Hilaire Thompson  
*Joanne Montgomery Endowed Professor and Director, School of Nursing Graduate Program*  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2018  
Field(s) of Expertise: Traumatic Brain Injury, Falls, Aging, Nursing, Consumer Health Informatics

George Todaro  
*Advisor*  
Targeted Growth, Inc  
Section 4: Health Sciences  
Inducted to WSAS 2018  
National Academy of Sciences (NAS), 1986  
Field(s) of Expertise: Pathobiology, Cancer Research

Keiko U. Torii  
*HHMI/Gordon and Betty Moore Foundation Investigator*  
University of Washington  
Section 3: Biological Sciences  
Inducted to WSAS 2012  
Field(s) of Expertise: Plant Developmental Genetics

Leung Tsang  
*Professor of Electrical Engineering and Computer Science*  
University of Michigan, Ann Arbor  
Section 2: Engineering and Technology  
Inducted to WSAS 2012  
National Academy of Engineering (NAE), 2020  
Field(s) of Expertise: Electromagnetics, Remote Sensing, Photonics, Microwaves, EMC

Hans P.A. Van Dongen  
*Professor and Director, Sleep Performance and Research Center*  
Washington State University  
Section 4: Health Sciences  
Inducted to WSAS 2018  
Field(s) of Expertise: Chronobiology and Sleep

Wesley Van Voorhis  
*Professor and Director, Center for Emerging and Re-emerging Infectious Diseases*  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2021  
Field(s) of Expertise: Infectious Diseases and Pandemic Preparedness; Drug Development

Vickie VanZandt  
*President*  
VanZandt Electric Transmission Consulting  
Section 2: Engineering and Technology  
Inducted to WSAS 2021  
National Academy of Engineering (NAE), 2021  
Field(s) of Expertise: Electrical Engineering and Power Systems; Power System Control and Protection

Usha Varanasi  
*Distinguished Scholar in Residence*  
University of Washington  
Section 3: Biological Sciences  
Inducted to WSAS 2011  
Field(s) of Expertise: Marine Mammals and Pollution Impacts
Monica Vavilala
Professor and Director, Harborview Injury Prevention and Research Center
University of Washington
Section 4: Health Sciences
Inducted to WSAS 2021
Field(s) of Expertise: Anesthesiology and Pain Medicine; Traumatic Brain Injury and Injury Prevention

Jud W. Virden, Jr.
Associate Laboratory Director, Energy & Environment Directorate
Pacific Northwest National Laboratory
Section 2: Engineering and Technology
Inducted to WSAS 2014
Field(s) of Expertise: Energy

James C. Wang
Mallinckrodt Professor of Biochemistry and Molecular Biology, Emeritus
Harvard University
Section 3: Biological Sciences
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1986
Field(s) of Expertise: Biochemistry and Molecular Biology

Yong Wang
Laboratory Fellow and Associate Director, Institute for Integrated Catalysis
Pacific Northwest National Laboratory/ Washington State University
Section 2: Engineering and Technology
Inducted to WSAS 2015
Field(s) of Expertise: Catalytic Materials

Robin Waples
Senior Scientist
Northwest Fisheries Science Center
Section 3: Biological Sciences
Inducted to WSAS 2014
Field(s) of Expertise: Fish Conservation Geneticist

Peter Ward
Professor, Department of Earth and Space Sciences
University of Washington
Section 1: Physical and Mathematical Sciences
Inducted to WSAS 2011
Field(s) of Expertise: Paleontology

Judith N. Wasserheit
Professor and Chair, Department of Global Health
University of Washington
Section 4: Health Sciences
National Academy of Medicine (NAM), 2006
Field(s) of Expertise: Medicine, Infectious Diseases, STDs

Katrina Waters
Director, Biological Sciences Division
Pacific Northwest National Laboratory
Section 3: Biological Sciences
Inducted to WSAS 2021
Field(s) of Expertise: Biochemistry; Toxicology, Public Health, and Infectious Disease

James Winton
Senior Scientist, Emeritus
US Geological Survey
Section 3: Biological Sciences
Inducted to WSAS 2018
Field(s) of Expertise: Infectious Diseases of Fish

Rachel Wong
Professor of Biological Structure
University of Washington
Section 3: Biological Sciences
Inducted to WSAS 2021
National Academy of Sciences (NAS), 2021
Field(s) of Expertise: Neuroscience
Nancy Fugate Woods  
*Professor, Family and Child Nursing and Dean Emeritus, School of Nursing*  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2008  
National Academy of Medicine (NAM), 1993  
Field(s) of Expertise: Women’s Health

Ning Zheng  
*Professor of Pharmacology*  
University of Washington  
Section 3: Biological Sciences  
Inducted to WSAS 2020  
Field(s) of Expertise: Structural Biology, Drug Discovery, Protein Degradation, Plant Biology, Protein Sciences

Paul Yager  
*Professor, Department of Bioengineering*  
University of Washington  
Section 2: Engineering and Technology  
Inducted to WSAS 2013  
Field(s) of Expertise: Point of Care Diagnostic Devices, Microfluidics, Physical Biochemistry

Gary Yang  
*Founder and CTO*  
UniEnergy Technologies  
Section 2: Engineering and Technology  
Inducted to WSAS 2018  
Field(s) of Expertise: Batteries, Fuel Cells, Advanced Materials

Jonathan K. Yoder  
*Professor, School of Economic Sciences*  
Washington State University  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2017  
Field(s) of Expertise: Economics

Qin Zhang  
*Director, Center for Precision & Automated Agricultural Systems*  
Washington State University  
Section 2: Engineering and Technology  
Inducted to WSAS 2020  
Field(s) of Expertise: Agricultural Automation, Field Robotics, Smart Agriculture
EMERITUS MEMBERS

Eric G. Adelberger
Emeritus Professor of Physics
University of Washington
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1994

Bill Anders
NASA Astronaut
Heritage Flight Museum (Retired)
Inducted to WSAS 2018
National Academy of Engineering (NAE), 1984

Bishnu S. Atal
Affiliate Professor of Electrical Engineering
University of Washington
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1993

David A. Baker
Professor of Biochemistry
University of Washington
Inducted to WSAS 2008
National Academy of Sciences (NAS), 2006

James B. Bassingthwaighte
Professor of Bioengineering and Radiology
University of Washington
Inducted to WSAS 2008
National Academy of Engineering (NAE), 2000

Joseph A. Beavo
Professor of Pharmacology
University of Washington
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1996

Alfred O. Berg
Professor and Chair Department of Family Medicine
University of Washington
Inducted to WSAS 2008
National Academy of Medicine (NAM), 1996

Alain Bonneville
Laboratory Fellow
Pacific Northwest National Laboratory
Inducted to WSAS 2014

Winston J. Brill
Visiting Professor of Microbiology, University of Washington
Winston J. Brill & Associates
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1989

Wylie Burke
Professor and Chair, Bioethics and Humanities
University of Washington
Inducted to WSAS 2008
National Academy of Medicine (NAM), 2007

Joost A. Businger
Retired Professor of Atmospheric Science, Senior Scientist at the National Center of Atmospheric Research
University of Washington
Inducted to WSAS 2008
National Academy of Engineering (NAE), 2001

David G. Castner
Director, National ESCA and Surface Analysis Center for Biomedical Problems
University of Washington
Inducted to WSAS 2013

William A. Catterall
Professor and Chairman, Department of Pharmacology
University of Washington
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1989 & NAM 2000

Sue B. Clark
Chief Science and Technology Officer
Pacific Northwest National Laboratory
Inducted to WSAS 2012
Philip M. Condit
The Boeing Company (Retired)
Inducted to WSAS 2008
National Academy of Engineering (NAE), 1985

Gerald Edwards
Professor Emeritus
Washington State University
Inducted to WSAS 2011

Rodney B. Croteau
Fellow and Regents Professor, Institute of Biological Chemistry
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Inducted to WSAS 2008
National Academy of Sciences (NAS), 1997

Mickey S. Eisenberg
Professor of Medicine, University of Washington; Medical Director, King County EMS
University of Washington
Inducted to WSAS 2008
National Academy of Medicine (NAM), 1994

Gary Darmstadt
Professor, School of Medicine
Stanford University
Inducted to WSAS 2011

E. Norval Fortson
Professor Emeritus, Physics
University of Washington
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1998

Ernest R. Davidson
Professor of Chemistry, University of Washington; Distinguished Professor, Emeritus, Indiana University
University of Washington
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1987

Stanley M. Gartler
Professor Emeritus of Medicine and Genome Sciences
University of Washington
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1989

Michael H. Dickinson
Esther M. and Abe M. Zarem Professor of Bioengineering and Aeronautics
California Institute of Technology
Inducted to WSAS 2012

Paul H. Gilbert
Director Emeritus
Parsons Brinckerhoff Inc.
Inducted to WSAS 2008
National Academy of Engineering (NAE), 1997

Bonnie Dunbar
President
Dunbar International, LLC
Inducted to WSAS 2008
National Academy of Engineering (NAE), 2002

Karen I. Goldberg
Vagelos Professor of Energy Research
University of Pennsylvania
Inducted to WSAS 2012
National Academy of Sciences (NAS), 2018

David Lee Eaton
Dean and Vice Provost Emeritus
University of Washington
Inducted to WSAS 2011
National Academy of Medicine (NAM), 2011

R. Curtis Graeber
Senior Technical Fellow
The Boeing Company (Retired)
Inducted to WSAS 2010
J. Thomas Grayston  
Professor Emeritus of Epidemiology; Founding Dean, School of Public Health and Community Medicine 
University of Washington 
Inducted to WSAS 2008  
National Academy of Medicine (NAM), 1981

Leroy E. Hood  
President 
Institute for Systems Biology 
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 1982 & NAE 2007

Sen-itiroh Hakomori  
Pacific Northwest Research Center 
Inducted to WSAS 2018  
National Academy of Sciences (NAS), 2000

Akira Ishimaru  
Professor Emeritus of Electrical Engineering 
University of Washington 
Inducted to WSAS 2008  
National Academy of Engineering (NAE), 1996

Leland Hartwell  
Virginia G. Piper Chair, Director and CEO Emeritus 
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Inducted to WSAS 2008  
National Academy of Sciences (NAS), 1987

Alex K-Y Jen  
Professor Emeritus 
University of Washington 
Inducted to WSAS 2011

Wick Haxton  
Professor of Physics 
University of California Berkeley 
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 1999

Shaoyi Jiang  
Robert S. Langer ’70 Family and Friends Professor of Biomedical Engineering 
Cornell University 
Inducted to WSAS 2011

William R. Hazzard  
Professor of Medicine, Director, Geriatrics and Extended Care 
Wake Forest University 
Inducted to WSAS 2008  
National Academy of Medicine (NAM), 1991

Mary-Claire King  
American Cancer Society Professor of Genome Sciences and Medicine 
University of Washington 
Inducted to WSAS 2007  
National Academy of Medicine (NAM), 1994 & NAS, 2005

Bertil Hille  
Wayne E. Crill Endowed Professor of Physiology and Biophysics 
University of Washington 
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 1986 & NAM 2002

Richard D. Klausner  
Managing Partner 
The Column Group 
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 1993

Allan S. Hoffman  
Professor Emeritus of Bioengineering 
University of Washington 
Inducted to WSAS 2008  
National Academy of Engineering (NAE), 2005

Albert S. Kobayashi  
Professor Emeritus of Mechanical Engineering 
University of Washington 
Inducted to WSAS 2008  
National Academy of Engineering (NAE), 1986
Brian Lamb  
*Regents Professor Emeritus*  
*Washington State University*  
Inducted to WSAS 2016

Estella B. Leopold  
*Professor Emeritus, Biology*  
*University of Washington*  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 1974

Dennis P. Lettenmaier  
*Distinguished Professor*  
*University of California, Santa Barbara*  
Inducted to WSAS 2012  
National Academy of Engineering (NAE), 2010

Margaret Levi  
*Director, Comparative Historical Analysis of Organizations and States*  
*Stanford University*  
Inducted to WSAS 2010  
National Academy of Sciences (NAS), 2015

Kai Li  
*Professor of Computer Science*  
*Princeton University*  
Inducted to WSAS 2012  
National Academy of Engineering (NAE), 2012

Chen-Ching Liu  
*American Electric Power Professor of Electrical Engineering*  
*Virginia Tech*  
Inducted to WSAS 2014  
National Academy of Engineering (NAE), 2020

Daniel R. Masys  
*Professor, School of Medicine*  
*University of California*  
Inducted to WSAS 2018  
National Academy of Medicine (NAM), 2001

David G. McAlees  
*Senior Vice President*  
*Siemens Power Corporation (Retired)*  
Inducted to WSAS 2010

Carver Mead  
*Gordon and Betty Moore Professor Emeritus of Engineering and Applied Science*  
*California Institute of Technology*  
Inducted to WSAS 2018  
National Academy of Engineering (NAE), 1984

Donald L. Patrick  
*Professor, Department of Health Services*  
*University of Washington*  
Inducted to WSAS 2008  
National Academy of Medicine (NAM), 1995

Prabhu L. Pingali  
*Founding Director*  
*Tata-Cornell Institute, Cornell University*  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 2007

Ross L. Prentice  
*Member and Professor*  
*Fred Hutchinson Cancer Research Center*  
Inducted to WSAS 2008  
National Academy of Medicine (NAM), 1990

Adrian Raftery  
*Blumstein-Jordan Professor of Statistics and Sociology*  
*University of Washington*  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 2009

Paul G. Ramsey  
*CEO, UW Medicine; Executive Vice-President for Medical Affairs; Dean, School of Medicine*  
*University of Washington*  
Inducted to WSAS 2008  
National Academy of Medicine (NAM), 2000
Barbara F. Reskin  
Professor of Sociology  
University of Washington  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 2006

Peter B. Rhines  
Professor of Oceanography and Atmospheric Sciences  
University of Washington  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 1981

Frederick P. Rivara  
Seattle Children’s Guild Endowed Chair in Pediatrics; Professor and Vice Chair, Pediatrics  
University of Washington  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 2005

Debra Schwinn  
Professor of Anesthesia  
University of Iowa  
Inducted to WSAS 2008  
National Academy of Medicine (NAM), 2002

Laurence C. Seifert  
Chairman  
Airbiquity, Inc.  
Inducted to WSAS 2008  
National Academy of Engineering (NAE), 1989

Jaime Sepulveda  
University of California, San Francisco  
Professor of Epidemiology and Biostatistics  
Inducted to WSAS 2008

David Takeo Takeuchi  
Professor, School of Social Work  
Boston College  
Inducted to WSAS 2012

Linda Teri  
Professor  
University of Washington  
Inducted to WSAS 2015

John Vidale  
Director of Southern California Earthquake Center  
University of Southern California  
Inducted to WSAS 2017  
National Academy of Sciences (NAS), 2017

Anthony M. Waas  
Richard A. Auhll Department Chair of Aerospace Engineering; Felix Pawlowski Collegiate Professor  
University of Michigan  
Inducted to WSAS 2017

John M. Wallace  
Professor of Atmospheric Sciences  
University of Washington  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 1997

Robert H. Waterston  
William H. Gates III Endowed Chair in Biomedical Sciences; Professor and Chair, Genome Sciences  
University of Washington  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 2000 & NAM 2001

Noel S. Weiss  
Professor, Department of Epidemiology  
University of Washington  
Inducted to WSAS 2008  
National Academy of Medicine (NAM), 1988

J. Turner Whitted  
Researcher  
NVIDIA Corporation  
Inducted to WSAS 2008  
National Academy of Engineering (NAE), 2003

Phyllis Wise  
CEO and President  
Colorado Longitudinal Study  
Inducted to WSAS 2008  
National Academy of Medicine (NAM), 2008
Tadataka Yamada
Senior Executive in Residence
Frazier Healthcare
Inducted to WSAS 2008
National Academy of Medicine (NAM), 1994
IN MEMORIAM

Albert L. Babb
Inducted to WSAS 2008
National Academy of Medicine (NAM), 1982

Norman Breslow
Inducted to WSAS 2008
National Academy of Medicine (NAM), 1986

John W. Cahn
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1973 & NAE 1989

James J. Champoux
Inducted to WSAS 2010

Neil J. Elgee
Inducted to WSAS 2008
National Academy of Medicine (NAM), 1978

Ersel Evans
Inducted to WSAS 2008
National Academy of Engineering (NAE), 1975

Edmond H. Fischer
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1973

Harold Forsen
Inducted to WSAS 2008
National Academy of Engineering (NAE), 1989

John Garcia
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1983

John A. Glomset
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1990

Benjamin Hall
Inducted to WSAS 2018
National Academy of Sciences (NAS), 2014

John Halver
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1978

Maureen Henderson
Inducted to WSAS 2008
National Academy of Medicine (NAM), 1974

Ernest M. Henley
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1979

William Andrew Hustrulid
Inducted to WSAS 2008
National Academy of Engineering (NAE), 2007

Ivan R. King
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1982

Kelvin G. Lynn
Inducted to WSAS 2012

James W. Mar
Inducted to WSAS 2008
National Academy of Engineering (NAE), 1981

Robert F. Mast
Inducted to WSAS 2008
National Academy of Engineering (NAE), 1989

Edward L. Miles
Inducted to WSAS 2008
National Academy of Sciences (NAS), 2003

Arno G. Motulsky
Inducted to WSAS 2008
National Academy of Medicine (NAM), 1974 & NAS 1976

George E. Mueller
Inducted to WSAS 2008
National Academy of Engineering (NAE), 1967
Ann Nelson
Inducted to WSAS 2012
National Academy of Sciences (NAS), 2012

Robert T. Paine
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1986

W. Sue Ritter
Inducted to WSAS 2015

Richard J. Robbins
Inducted to WSAS 2008
National Academy of Engineering (NAE), 1991

Roger A. Rosenblatt
Inducted to WSAS 2008
National Academy of Medicine (NAM), 1987

Dale F. Rudd
Inducted to WSAS 2008
National Academy of Engineering (NAE), 1978

Burton J. Smith
Inducted to WSAS 2008
National Academy of Engineering (NAE), 2003

Joseph F. Sutter
Inducted to WSAS 2008
National Academy of Engineering (NAE), 1984

Jan Tauc
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1992

Minoru Taya
Inducted to WSAS 2013

James Thomas
Inducted to WSAS 2010

Alvin Thompson
Inducted to WSAS 2008

David James Thouless
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1995

Robert L. Van Citters
Inducted to WSAS 2008
National Academy of Medicine (NAM), 1978

John D. Warner
Inducted to WSAS 2008
National Academy of Engineering (NAE), 1995

Diter von Wettstein
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1981