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)

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

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

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
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

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

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

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

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

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 Electro catalysis*  
*Pacific Northwest National Laboratory*  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2018  
Field(s) of Expertise: Chemistry, Homogeneous Catalysis, Molecular Electro catalysis

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

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

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  
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

Cynthia Dougherty  
*Professor, Biobehavioral Nursing and Health Systems*  
**University of Washington**  
Section 4: Health Sciences  
Inducted to WSAS 2016  
Field(s) of Expertise: Cardiology

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

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  
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

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

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

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

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

Adrienne Fairhall  
Associate Professor, Physiology and Biophysics  
University of Washington  
Section 3: Biological Sciences  
Inducted to WSAS 2014  
Field(s) of Expertise: Neurobiology

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

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

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

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

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

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

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

Paul H. Gilbert  
Director Emeritus  
Parsons Brinckerhoff Inc.  
Section 2: Engineering and Technology  
Inducted to WSAS 2008  
National Academy of Engineering (NAE), 1997  
Field(s) of Expertise: Civil Engineering and Construction, Program and Project Management of Complex Projects

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 3: Biological Sciences  
Inducted to WSAS 2020  
National Academy of Medicine (NAM), 2020  
Field(s) of Expertise: Public Health, Population Health, Pediatrics, Maternal Child Health

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 2021  
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 2020  
National Academy of Medicine (NAM), 2020  
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  
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
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
Field(s) of Expertise: Organic and Printed Electronics

Patricia Ann Hunt
*Meyer Distinguished Professor, School of Molecular Biosciences*
**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
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

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

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
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 2017
National Academy of Sciences (NAS), 2021
Field(s) of Expertise: Atmospheric and Oceanic Sciences

Munira Khalil
Leon C. Johnson Professor and Chair of Chemistry
University of Washington
Section 1: Physical and Mathematical Sciences
Inducted to WSAS 2019
National Academy of Sciences (NAS), 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
National Academy of Engineering (NAE), 2017
Field(s) of Expertise: Material Science and Engineering; Biomedical Engineering

Steven B. Lipner

Executive Director
SAFEC ode
Section 2: Engineering and Technology
Inducted to WSAS 2017
National Academy of Engineering (NAE), 2017
Field(s) of Expertise: Computer Science and Engineering

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  
jmagnusson@mka.com

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  
ramulum@uw.edu

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  
tl_marsh@wsu.edu

George M. Martin  
_Professor Emeritus of Pathology_  
**University of Washington**  
Section 3: Biological Sciences  
Inducted to WSAS 2008  
Field(s) of Expertise: Pathology  
gmmartin@uw.edu

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

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
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

Anne McCoy  
*Professor of Chemistry*  
**University of Washington**  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2019  
Field(s) of Expertise: Theoretical Spectroscopy

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

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

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

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

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

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

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*  
*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  
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  
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**  
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

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

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

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

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

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

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
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

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

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

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

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

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

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

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

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

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

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
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
Field(s) of Expertise: Civil and Environmental Engineering

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

H. David Stensel
Professor, Department of Civil Engineering
University of Washington
Section 2: Engineering and Technology
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
National Academy of Medicine (NAM), 2013
Field(s) of Expertise: Pharmacoepidemiology, Global Medicines Safety

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

Julie Theriot
Professor of Biology
University of Washington
Section 3: Biological Sciences
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
Field(s) of Expertise: Coastal Ecosystem Science and Restoration

Elizabeth Thompson
Professor, Department of Statistics
University of Washington
Section 1: Physical and Mathematical Sciences
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
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

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

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

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

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

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

Judith N. Wasserheit
*Professor and Chair, Department of Global Health*
*University of Washington*
Section 4: Health Sciences
Inducted to WSAS 2008
National Academy of Medicine (NAM), 2006
Field(s) of Expertise: Medicine, Infectious Diseases, STDs

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

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

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

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

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
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
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*  
*Washington State University*  
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

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

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

R. Curtis Graeber  
*Senior Technical Fellow*  
*The Boeing Company (Retired)*  
Inducted to WSAS 2010

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

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

Leland Hartwell  
*Virginia G. Piper Chair, Director and CEO Emeritus*  
*Fred Hutchinson Cancer Research Center*  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 2000

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

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

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

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

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

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

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

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

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

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

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 Medicine (NAM), 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