

WASHINGTON STATE
Academy of Sciences
Science in the Service of Washington State

2022-2023 MEMBERSHIP DIRECTORY



Modified February 2023

Members of the Washington State Academy of Sciences represent a broad diversity of scientific disciplines and draw on their 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.

BOARD OF DIRECTORS

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Washington State University

Roger Myers PAST PRESIDENT

Aerojet Rocketdyne (retired)

Allison Campbell, TREASURER

Pacific Northwest National Laboratory (retired)

Don Baer, SECRETARY

Pacific Northwest National Laboratory
(emeritus)

Celestina Barbosa-Leiker,

Washington State University

Suresh Baskaran, Pacific Northwest National

Laboratory

Ann Bostrom, University of Washington

Douglas Call, Washington State University

Howard Frumkin, University of Washington

(emeritus)

Michael Goodchild, University of California,

Santa Barbara (emeritus)

Patricia Hunt, University of Washington

Lee Huntsman, University of Washington

(emeritus)

Julie Kmec, Washington State University

Ruby Leung, Pacific Northwest National

Laboratory

Ljiljana Pasa-Tolic, Pacific Northwest

National Laboratory

John Stark, Washington State University

Donna Gerardi Riordan, Executive Director,
ex officio

ACTIVE MEMBERS

Nancy Allbritton

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

David Aldous

Professor Emeritus of Statistics
UC Berkeley
Section 1: Physical Sciences and Mathematics
Inducted to WSAS 2023
National Academy of Sciences (NAS), 2021
Field(s) of Expertise: Mathematics (Probability)

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

Frederick Applebaum

Executive Vice President and Deputy Director
Fred Hutchinson Cancer Research Center
Section 4: Health Sciences
Inducted to WSAS 2013
National Academy of Medicine (NAM), 2013
Field(s) of Expertise: Biology and Therapy of Acute Myeloid Leukemia, Control of Graft-vs-host Disease, Prevention of Transplant-related Complications

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

Senior Director, Partnerships for Chemistry
Microsoft
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: Additive Manufacturing, Biomaterials, Biotribology

ACTIVE MEMBERS

François 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

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

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

ACTIVE MEMBERS

Stephen Bollens

Professor and Director, Meyer's Point Environmental Field Station
Washington State University
Section 3: Biological Sciences
Inducted to WSAS 2022
Field(s) of Expertise: Biological Oceanography and Aquatic Ecology

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

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 Science
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

ACTIVE MEMBERS

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

Associate Laboratory Director for Coastal and Marine Sciences (retired)
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

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

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

ACTIVE MEMBERS

Kyle Crowder

Professor of Sociology
University of Washington
Section 5: Social and Behavioral Sciences
Inducted to WSAS 2013
Field(s) of Expertise: Demography

Mary Czerwinski

Partner and Research Manager
Microsoft
Section 2: Engineering and Technology
National Academy of Engineering (NAE), 2022
Field(s) of Expertise: Information Worker Task Management,
Health and Wellness

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
National Academy of Engineering (NAE), 2021
Field(s) of Expertise: Experimental Physics

John Delaney

Professor of Oceanography
University of Washington
Section 1: Physical and Mathematical Sciences
Field(s) of Expertise: Environmental Sciences and Ecology
Geophysics

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

ACTIVE MEMBERS

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

Azita Emami

Dean, School of Nursing
University of Washington
Section: Health Sciences
Inducted to WSAS 2022
Field(s) of Expertise: Music and Dementia

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

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

David Field

Professor and Director, Institute of Materials Research
Washington State University
Section 2: Engineering and Technology
Inducted to WSAS 2022
Field(s) of Expertise: Physical and Mechanical Metallurgy

ACTIVE MEMBERS

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

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

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

Jerry Franklin

Professor of Ecosystem Analysis
University of Washington
Section 3: Biological Sciences
Inducted to WSAS 2016
Field(s) of Expertise: Forestry

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

ACTIVE MEMBERS

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

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
Inducted to WSAS 2018
National Academy of Sciences (NAS), 2002
Field(s) of Expertise: Geography, GIS

Deborah Gracio

Associate Lab Director, National Security Directorate
Pacific Northwest National Laboratory
Section 2: Engineering and Technology
Inducted to WSAS 2022
Field(s) of Expertise: Cybersecurity

Lisa Graumlich

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

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

ACTIVE MEMBERS

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
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

ACTIVE MEMBERS

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

Eric Horvitz

Microsoft Corporation
Section
Inducted to WSAS
Field(s) of Expertise:

Bahman Hoveida

President
Accurant International, LLC
Section 2: Engineering and Technology
Inducted to WSAS 2022
National Academy of Engineering (NAE), 2022
Field(s) of Expertise: Energy and Clean Technology; Smart
Grid Technologies

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

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

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

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

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

ACTIVE MEMBERS

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

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 Membrane

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
Inducted to WSAS 2019
National Academy of Sciences (NAS), 1986
Field(s) of Expertise: Geological Fluid Dynamics, Sustainability
and Resilience

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

ACTIVE MEMBERS

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

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

Kannan Krishnan

Professor of Materials Science, Adjunct Professor of Physics
University of Washington
Section 1: Physical and Mathematical Sciences
Inducted to WSAS 2015
Field(s) of Expertise: Nanoscience & Nanotechnology,
Bioengineering, Imaging

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

ACTIVE MEMBERS

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

Xiaosong Li

Harry and Catherine Jayne Boand Endowed Professor and Associate Chair of Chemistry
Associate VP of Research Cyberinfrastructure
University of Washington
Section 1: Physical and Mathematical Sciences
Inducted to WSAS 2022
Fields of Expertise: electron structure theories for studying excited state chemical processes

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

Chao-Hsin Lin

Technical Fellow
Boeing Commercial Airplanes
Section 2: Engineering and Technology
Inducted to WSAS 2022
National Academy of Engineering (NAE) 2022
Field(s) of Expertise: Computational Fluid Dynamics

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

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

Mark Long

Professor
University of Washington
Section 5: Social and Behavioral Sciences
Inducted to WSAS 2019
Field(s) of Expertise: Economics

Christine Luscombe

Affiliate Professor
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

ACTIVE MEMBERS

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

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

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

John McNamara

Professor Emeritus of Animal Sciences
Washington State University
Section 3: Biological Sciences
Inducted to WSAS 2022
Field(s) of Expertise: Nutritional Physiology of Farm Animals

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

ACTIVE MEMBERS

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

Harry Miley

Laboratory Fellow
Pacific Northwest National Laboratory
Section 1: Physical and Mathematical Sciences
Inducted to WSAS 2022
Field(s) of Expertise: Nuclear Physics, Nuclear Monitoring

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: Aeronautics and Astronautics

Earl 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

ACTIVE MEMBERS

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

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
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

ACTIVE MEMBERS

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

Jim Pfaendtner

Professor of Chemical Engineering and Chemistry
University of Washington
Section 2: Engineering and Technology
Inducted to WSAS 2022
Field(s) of Expertise: Computational molecular science

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

Bhagwat Prasad

Principal Investigator, Associate Professor
Washington State University
Section 4: Health Sciences
Inducted to WSAS 2022
Field(s) of Expertise: Proteomics

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

Wei-Jun Qian

Laboratory Fellow/Biomedical Scientist
Pacific Northwest National Lab
Section 3: Biological Sciences
Inducted to WSAS 2022
Field(s) of Expertise: Developing and Applying Novel Analytical Biochemistry Principles for Achieving Quantitative Measurements

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

ACTIVE MEMBERS

Bonnie Ramsey

Director, Center for Clinical and Translational Research
Associate Director, Pediatric Clinical Research Center,
Professor, Seattle Children's Research Center
University of Washington
Section 4: Health Sciences
Inducted to WSAS 2016
National Academy of Medicine (NAM), 2015
Field(s) of Expertise: Pediatrics, Pulmonology

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

Frederick Rieke

Professor, Department of Physiology and Biophysics
University of Washington
Section 4: Health Sciences
Inducted to WSAS 2014
Field(s) of Expertise: Signal Transduction in the Visual System

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

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

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

ACTIVE MEMBERS

Martin Savage

Professor of Physic
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 btw Cells

Wendy Shaw

Chief Science and Technology Officer
Pacific Northwest National Laboratory
Section 1: Physical and Mathematical Sciences
Inducted to WSAS 2022
Field(s) of Expertise: Proteins in Biomineralization Processes;
Catalysts for Renewable energy that mimic features of
enzymes

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

Jay Shendure

Investigator, HHMI, and Professor of Genomic Sciences
University of Washington
Section 3: Biological Sciences
Inducted to WSAS 2022
National Academy of Sciences (NAS), 2022
Field(s) of Expertise: genome sequencing and analysis
methods; cell-free DNA diagnostics

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

ACTIVE MEMBERS

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

Krysta Svore

Distinguished Engineer and Vice President, Quantum Software
and Systems, Azure Quantum
Microsoft Research
Section 2: Engineering and Technology
Inducted to WSAS 2022
Field(s) of Expertise: Classical and Quantum Machine
Learning Algorithms

David Takeuchi

Associate Dean for Faculty Excellence
University of Washington
Section 5: Social and Behavioral Sciences
Inducted to WSAS 2013
Field(s) of Expertise: Ethnic Minority Mental Health and Health
Disparities

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

ACTIVE MEMBERS

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

Vera Lynn Trainer

Supervisory Oceanographer
NOAA Northwest Fisheries Science Center
University of Washington
Section 3: Biological Sciences
Inducted to WSAS 2022
Field(s) of Expertise: Biological Sciences Climate Change Health and the Environment

Leung Tsang

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

František Tureček

Klaus and Mary Ann Saegebarth Endowed Professor
University of Washington
Section 1: Physical and Mathematical Sciences
Inducted to WSAS 2022
Field(s) of Expertise: Fundamental and applied studies in mass spectrometry, physical chemistry

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

Mani Venkatasubramanian

Boeing Distinguished Professor of Electrical Engineering
Director, Energy Systems Innovation Center
Washington State University
Section 2: Engineering and Technology
Inducted to WSAS 2022
Field(s) of Expertise: Power System Dynamic Measurements

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

ACTIVE MEMBERS

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

Chongmin Wang

Laboratory Fellow, Materials Scientist
Pacific Northwest National Laboratory
Section 1: Physical and Mathematical Sciences
Inducted to WSAS 2022
Field(s) of Expertise: Advanced Microscopy of Energy Materials

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 Genetics

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
Inducted to WSAS 2008
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

ACTIVE MEMBERS

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

Jie Xiao

Lab Fellow, Materials Scientist
Pacific Northwest National Laboratory
Section 2: Engineering and Technology
Inducted to WSAS 2022
Field(s) of Expertise: Fundamental and Applied Research for
Battery Materials Scaleup, Manufacturing and Grid Energy
Storage

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

Jihui Yang

Vice Dean, College of Engineering
University of Washington
Section 2: Engineering and Technology
Inducted to WSAS 2022
Field(s) of Expertise: Thermoelectric and Energy Storage
Materials

Xiaoming Yang

Professor and Director, Image-Guided Bio-Molecular
Interventions Research
University of Washington
Section
Inducted to WSAS 2022
Field(s) of Expertise: Medical Imaging and Interventional
Radiology

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

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
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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. Bassingthwaight

Professor of Bioengineering and Radiology
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National Academy of Engineering (NAE), 2000

Joseph A. Beavo

Professor of Pharmacology
University of Washington
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National Academy of Sciences (NAS), 1996

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Professor and Chair Department of Family Medicine
University of Washington
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National Academy of Medicine (NAM), 1996

Thomas E. Besser

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Section 4: Health Sciences
Inducted to WSAS 2010
Field(s) of Expertise: Agents that cause Human Food-borne Diseases

Michael Bevan

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Inducted to WSAS 2018
National Academy of Engineering (NAS), 2008
Field(s) of Expertise: Biochemistry, Health Research

Alain Bonneville

Laboratory Fellow
Pacific Northwest National Laboratory
Inducted to WSAS 2014

Winston J. Brill

Visiting Professor of Microbiology,
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Inducted to WSAS 2008
National Academy of Sciences (NAS), 1989

Wylie Burke

Professor and Chair, Bioethics and Humanities
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National Academy of Medicine (NAM), 2007

Joost A. Businger

Retired Professor of Atmospheric Science, Senior Scientist at
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National Academy of Engineering (NAE), 2001

David G. Castner

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National Academy of Sciences (NAS), 1989 & NAM 2000

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EMERITUS MEMBERS

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The Boeing Company (Retired)
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National Academy of Sciences (NAS), 1997

Larry R. Dalton

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Professor, School of Medicine
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Ernest R. Davidson

Professor of Chemistry, University of Washington;
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Inducted to WSAS 2008
National Academy of Sciences (NAS), 1987

Michael H. Dickinson

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Inducted to WSAS 2012

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National Academy of Engineering (NAE), 2002

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National Academy of Engineering (NAE), 1997

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National Academy of Sciences (NAS), 2018

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Professor Emeritus of Epidemiology; Founding Dean, School of Public Health and Community Medicine
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National Academy of Medicine (NAM), 1981

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National Academy of Sciences (NAS), 2000

EMERITUS MEMBERS

Leland Hartwell

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Inducted to WSAS 2008
National Academy of Sciences (NAS), 1987

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Professor of Physics
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National Academy of Sciences (NAS), 1999

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Biophysics
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Inducted to WSAS 2008
National Academy of Sciences (NAS), 1986 & NAM 2002

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National Academy of Engineering (NAE), 2005

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Inducted to WSAS 2015
Field(s) of Expertise: Evolutionary Physiology

Akira Ishimaru

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Pacific Northwest National Laboratory
Inducted to WSAS 2015

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Robert S. Langer '70 Family and Friends Professor of
Biomedical Engineering
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Inducted to WSAS 2011

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Inducted to WSAS 2007
National Academy of Medicine (NAM), 1994 & NAS, 2005

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National Academy of Sciences (NAS), 1993

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University of Washington
Inducted to WSAS 2008
National Academy of Engineering (NAE), 1986

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

Brian Lamb

Regents Professor Emeritus
Washington State University
Inducted to WSAS 2016

EMERITUS MEMBERS

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National Academy of Sciences (NAS), 1974

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University of California, Santa Barbara
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National Academy of Engineering (NAE), 2010

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Inducted to WSAS 2010
National Academy of Sciences (NAS), 2015

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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

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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
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Inducted to WSAS 2018
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Professor, Department of Health Services
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National Academy of Medicine (NAM), 1995

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Founding Director
Tata-Cornell Institute, Cornell University
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Paul G. Ramsey

CEO, UW Medicine; Executive Vice President for Medical Affairs; Dean, School of Medicine
University of Washington
National Academy of Medicine (NAM), 2000

Barbara F. Reskin

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Inducted to WSAS 2008
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Peter B. Rhines

Professor of Oceanography and Atmospheric Sciences
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National Academy of Sciences (NAS), 1981

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

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

President
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Inducted to WSAS 2008
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EMERITUS MEMBERS

Laurence Seifert

Chairman, iFoodDecisionSciences; Chairman Airbiquity, Inc;
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Inducted to WSAS 2008
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Section 5: Social and Behavioral Sciences
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Keiko U. Torii

HHMI/Gordon and Betty Moore Foundation Investigator
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Inducted to WSAS 2012
Field(s) of Expertise: Plant Developmental Genetics

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. Auhl 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
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Inducted to WSAS 2008
National Academy of Sciences (NAS), 2000 & NAM 2001

Noel S. Weiss

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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 Memorium

Albert L. Babb

Inducted to WSAS 2008
National Academy of Medicine (NAM), 1982

James M. Bardeen

Sciences Inducted to WSAS 2012
National Academy of Sciences (NAS), 2012

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

EMERITUS MEMBERS

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

Ka'imi Sinclair

Inducted to WSAS 2022

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