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.
Janis L. Abkowitz  
_Clement A. Finch Professor of Medicine; Head, Division of Hematology; Adjunct Professor of Genome Sciences, University of Washington School of Medicine_  
_University of Washington_  
Section 4: Health Sciences  
Inducted to WSAS 2014  
National Academy of Medicine (NAM), 2013  
Field(s) of Expertise: Red cell aplasia, aplastic anemia and other marrow failure syndromes  
janabk@uw.edu

Eric G. Adelberger  
_Emeritus Professor of Physics_  
_University of Washington_  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 1994  
Field(s) of Expertise: Experimental, gravitational, and nuclear physics  
eric@npl.washington.edu

Nancy Allbritton  
_Professor_  
_University of Washington_  
Section 2: Engineering and Technology  
Inducted to WSAS 2020  
Field(s) of Expertise: Biomedical microdevices  
nlallbr@uw.edu

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  
tom@cs.washington.edu

Frederick R. Appelbaum  
_Executive Vice President and Deputy Director, Fred Hutchinson Cancer Research Center_  
_Fred Hutchinson Cancer Research Center_  
Section 4: Health Sciences  
Inducted to WSAS 2014  
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  
fappelba@fhcrc.org

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  
armbrust@uw.edu

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  
sfashby@pnnl.gov

Bishnu S. Atal  
_Affiliate Professor of Electrical Engineering_  
_University of Washington_  
Section 2: Engineering and Technology  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 1993  
Field(s) of Expertise: Acoustics and speech, speech coding, synthesis and recognition  
bsatal@bishnu.net

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  
atwater@uw.edu
Donald R. Baer
Laboratory Fellow
Pacific Northwest National Laboratory
Section 1: Physical and Mathematical Sciences
Inducted to WSAS 2014
Field(s) of Expertise: Chemical physics
don.baer@pnnl.gov

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
barbosa@wsu.edu

David A. Baker
Professor of Biochemistry
University of Washington
Section 3: Biological Sciences
Inducted to WSAS 2008
National Academy of Sciences (NAS), 2006
Field(s) of Expertise: Computational biophysics
dabaker@u.washington.edu

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

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
nathan.baker@pnnl.gov

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
bardeen@uw.edu

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
amitband@wsu.edu

Suresh Baskaran
Director, Research Partnerships
Pacific Northwest National Laboratory
Section 2: Engineering and Technology
Inducted to WSAS 2016
Field(s) of Expertise: Energy, transportation
suresh.baskaran@pnnl.gov

James B. Bassingthwaighte
Professor of Bioengineering and Radiology
University of Washington
Section 4: Health Sciences
Inducted to WSAS 2008
National Academy of Engineering (NAE), 2000
Field(s) of Expertise: Cardiovascular studies
jbb2@u.washington.edu

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
baneyx@u.washington.edu
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  
baszlert@wsu.edu

Joseph A. Beavo  
*Professor of Pharmacology*  
**University of Washington**  
Section 4: Health Sciences  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 1996  
Field(s) of Expertise: Mechanism of action of cyclic nucleotides  
beavo@u.washington.edu

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  
kbeckett@uw.edu

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

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  
bobbieberkowitz@gmail.com

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)  
philbe@microsoft.com

Thomas E. Besser  
*Professor Emeritus*  
**Washington State University**  
Section 4: Health Sciences  
Inducted to WSAS 2010  
Field(s) of Expertise: Agents that cause human food-borne diseases  
tbesser@wsu.edu

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  
peter.bethell@mma1.com

Michael Bevan  
*Professor Emeran (retired)*  
**University of Washington**  
Section 3: Biological Sciences  
Inducted to WSAS 2018  
National Academy of Sciences (NAS), 2008  
Field(s) of Expertise: Immunology  
mbevan@uw.edu

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  
sbiggins@fredhutch.org
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  
bitz@uw.edu

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  
boersma@uw.edu

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  
bose@wsu.edu

James F. Blinn  
*Consultant*  
Section 2: Engineering and Technology  
Inducted to WSAS 2012  
National Academy of Engineering (NAE), 2000  
Field(s) of Expertise: Computer science  
jimblinn@comcast.net

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  
sbose@wsu.edu

Alain Bonneville  
*Laboratory Fellow*  
*Pacific Northwest National Laboratory*  
Section 2: Engineering and Technology  
Inducted to WSAS 2014  
Field(s) of Expertise: Geosciences  
alain.bonneville@pnnl.gov

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  
abostrom@uw.edu

Cathryn Booth-LaForce  
*Professor*  
*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  
cblaforce@gmail.com

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  
ted.bowyer@pnnl.gov

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, fight mechanics, aircraft icing  
mbragg@uw.edu
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  
kbrayton@wsu.edu

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  
breth@uw.edu

George S. Bridges  
*President*  
**The Evergreen State College**  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2012  
Field(s) of Expertise: Juvenile and criminal justice, racial disparities in imprisonment  
bridges@evergreen.edu

Winston J. Brill  
*Visiting Professor of Microbiology, University of Washington*  
**Winston J. Brill & Associates**  
Section 3: Biological Sciences  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 1989  
Field(s) of Expertise: Microbiology  
wbrill@winstonbrill.com

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  
brownlee@astro.washington.edu

John A. Browse  
*Regents Professor*  
**Washington State University**  
Section 3: Biological Sciences  
Inducted to WSAS 2018  
Field(s) of Expertise: Plant biochemistry  
jab@wsu.edu

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  
dedra.buchwald@wsu.edu

Linda Buck  
*Laboratory Director, Basic Sciences Division*  
**Fred Hutchinson Cancer Research Center**  
Section 4: Health Sciences  
Inducted to WSAS 2018  
National Academy of Sciences (NAS), 2003  
Field(s) of Expertise: Olfactory system, mechanisms that underlie perception  
lbuck@fredhutch.org

Elizabeth Buffalo  
*Associate Professor, Dept. of Physiology and Biophysics*  
**University of Washington**  
Section 4: Health Sciences  
Inducted to WSAS 2016  
Field(s) of Expertise: Memory and cognition  
ebuffalo@uw.edu

Morris Bullock  
*Laboratory Fellow, and Director of 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  
morris.bullock@pnnl.gov
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
burdzy@uw.edu

Wylie Burke
Professor and Chair, Bioethics and Humanities
University of Washington
Section 4: Health Sciences
Inducted to WSAS 2008
National Academy of Medicine (NAM), 2007
Field(s) of Expertise: Bioethics, medical and public health genetics
wburke@u.washington.edu

Joost A. Businger
Retired Professor of Atmospheric Science, Senior Scientist at the National Center of Atmospheric Research
University of Washington
Section 1: Physical and Mathematical Sciences
Inducted to WSAS 2008
National Academy of Engineering (NAE), 2001
Field(s) of Expertise: Meteorology
eyrie@cnw.com

Douglas Call
Professor of Molecular Epidemiology
Washington State University
Section 4: Health Sciences
Inducted to WSAS 2017
Field(s) of Expertise: Microbiology
drcall@wsu.edu

Allison A. Campbell
Director
Pacific Northwest National Laboratory
Section 1: Physical and Mathematical Sciences
Inducted to WSAS 2013
Field(s) of Expertise: Developing capability and program development, biomimetics
allison.campbell@pnnl.gov

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
charliec@uw.edu

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
rico@uw.edu

William A. Catterall
Professor and Chairman, Department of Pharmacology
University of Washington
Section 4: Health Sciences
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1989 & NAM 2000
Field(s) of Expertise: Neurobiology and pharmacology
wcatt@u.washington.edu

Ana Mari Cauce
President
University of Washington
Section 4: Health Sciences
Inducted to WSAS 2012
Field(s) of Expertise: Community psychology; intersection between ethnic minority youth, culture, social support networks and family processes
cauce@u.washington.edu
Charles Chavkin  
Allan and Phyllis Treuer Endowed Chair in Pain Research and Professor, Pharmacology  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2012  
Field(s) of Expertise: Molecular basis of drug addiction  
cchavkin@uw.edu

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  
xiangli.chen@outlook.com

Dianne Chong  
Vice-president, Engineering, Operations & Technology  
Boeing (retired)  
Section 2: Engineering and Technology  
Inducted to WSAS 2017  
National Academy of Engineering (NAE), 2017  
Field(s) of Expertise: Materials engineering and manufacturing  
dichong@msn.com

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  
dimitri.christakis@seattlechildrens.org

Sue B. Clark  
Chief Science and Technology Officer  
Pacific Northwest National Laboratory  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2012  
Field(s) of Expertise: Chemistry  
sue.clark@pnnl.gov

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  
brad.colman@climate.com

Philip M. Condit  
The Boeing Company  
Section 2: Engineering and Technology  
Inducted to WSAS 2008  
National Academy of Engineering (NAE), 1985  
Field(s) of Expertise: Aeronautical engineering  
phil@storybookpartners.com

R. James Cook  
Endowed Chair in Wheat Research, Professor Emeritus  
Washington State University  
Section 3: Biological Sciences  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 1993  
Field(s) of Expertise: Plant pathology  
rjcook@wsu.edu

Rodney B. Croteau  
Fellow and Regents Professor, Institute of Biological Chemistry  
Washington State University  
Section 3: Biological Sciences  
Inducted to WSAS 2008  
Field(s) of Expertise: Biochemistry  
croteau@wsu.edu

Kyle D. Crowder  
Professor of Sociology  
University of Washington  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2013  
Field(s) of Expertise: Sociology  
kylecrow@uw.edu
Larry R. Dalton  
*B. Seymour Rabinovitch Chair in Chemistry, 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  
dalton@chem.washington.edu

Ernest R. Davidson  
*Professor of Chemistry, University of Washington; Distinguished Professor, Emeritus, Indiana University*  
*University of Washington*  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 1987  
Field(s) of Expertise: Chemistry  
erdavid@earthlink.net

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  
danielt@uw.edu

Earl W. Davie  
*Professor Emeritus of Biochemistry*  
*University of Washington*  
Section 3: Biological Sciences  
Inducted to WSAS 2012  
National Academy of Sciences (NAS), 1980  
Field(s) of Expertise: Proteins involved in blood coagulation and fibrinolysis  
ecd@u.washington.edu

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  
jedarroch@yahoo.com

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  
tdavis@uw.edu

Eric D’Asaro  
*Senior Principal Oceanographer*  
*University of Washington*  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2014  
National Academy of Sciences (NAS), 2014  
Field(s) of Expertise: Physical oceanography  
dasaro@uw.edu

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  
james.deyoreo@pnnl.gov

John Delaney  
*Professor of Oceanography*  
*University of Washington*  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2016  
Field(s) of Expertise: Oceanography, monitoring  
jdelaney@uw.edu
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
gdemiris@uw.edu

Li Deng
Chief Artificial Intelligence Officer
Citadel America LLP
Section 2: Engineering and Technology
Inducted to WSAS 2019
Field(s) of Expertise: Artificial intelligence
l.deng@ieee.org

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
dillman@wsu.edu

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

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
susan_dumais@hotmail.com

Evan Eichler
Professor
University of Washington
Section 3: Biological Sciences
Inducted to WSAS 2012
National Academy of Sciences (NAS), 2012
Field(s) of Expertise: Genome science
eee@gs.washington.edu

Mickey S. Eisenberg
Professor of Medicine, University of Washington; Medical Director, King County EMS
University of Washington
Section 4: Health Sciences
Inducted to WSAS 2008
National Academy of Medicine (NAM), 1994
Field(s) of Expertise: Emergency medicine
gingy@u.washington.edu

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
eisenman@fhcrc.org

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
chris.elias@gatesfoundation.org

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
ellism@uw.edu
Adrienne Fairhall  
*Associate Professor, Physiology and Biophysics*  
*University of Washington*  
Section 3: Biological Sciences  
Inducted to WSAS 2014  
Field(s) of Expertise: Neurobiology  
fairhall@uw.edu

Elaine Faustman  
*Professor and Director*  
*University of Washington*  
Section 4: Health Sciences  
Inducted to WSAS 2019  
Field(s) of Expertise: Toxicology  
faustman@uw.edu

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  
joe@gs.washington.edu

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  
fields@u.washington.edu

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  
chemecomp@gmail.com

Edmond H. Fischer  
*Emeritus Professor*  
*University of Washington*  
Section 4: Health Sciences  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 1973  
Field(s) of Expertise: Biochemistry  
efischer@uw.edu

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  
tfleming@u.washington.edu

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  
karlfleming@comcast.net

William H. Foege  
*Senior Fellow, Global Health Program, Bill & Melinda Gates Foundation*  
*Bill & Melinda Gates Foundation*  
Section 4: Health Sciences  
Inducted to WSAS 2016  
Field(s) of Expertise: Child survival and development, population, preventive medicine

E. Norval Fortson  
*Professor Emeritus, Physics*  
*University of Washington*  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 1998  
Field(s) of Expertise: Experimental atomic physics  
fortson@phys.washington.edu
Jerry Franklin  
Professor of Ecosystem Analysis  
University of Washington  
Section 3: Biological Sciences  
Inducted to WSAS 2016  
Field(s) of Expertise: Forestry  
jff@uw.edu

James Fredrickson  
Chief Scientist  
Pacific Northwest National Laboratory  
Section 3: Biological Sciences  
Inducted to WSAS 2011  
Field(s) of Expertise: Microbial ecology and biogeochemistry  
jkfred56@gmail.com

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  
froehner@uw.edu

Howard Frumkin  
Professor Emeritus  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2017  
Field(s) of Expertise: Public health and the environment  
frumkin@uw.edu

Daniel R. Gamelin  
Harry and Catherine Jaynne Boand Endowed Professor of Chemistry  
University of Washington  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2015  
Field(s) of Expertise: Inorganic nanoscience  
gamelin@chem.washington.edu

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  
dayong@uw.edu

Stanley M. Gartler  
Professor Emeritus of Medicine and Genome Sciences  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 1989  
Field(s) of Expertise: Molecular biology and human genetics  
gartler@uw.edu

Michael H. Gelb  
Harry and Catherine Jaynne Boand Endowed Professor of Chemistry and Professor of Biochemistry  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2012  
Field(s) of Expertise: Development of technology for newborn screening for lysosomal storage diseases  
gelb@chem.washington.edu

John Geyman  
Professor Emeritus  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2019  
National Academy of Medicine (NAM), 1985  
Field(s) of Expertise: Family medicine  
jgeyman@uw.edu
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
ceci@uw.edu

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
pgil6@comcast.net

Gary Gilliland
President and Director
Fred Hutchinson Cancer Research Center
Section 4: Health Sciences
Inducted to WSAS 2016
National Academy of Medicine (NAM), 2016
Field(s) of Expertise: Cancer research and treatment, blood diseases
gary@fredhutch.org

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
dginger@uw.edu

Jay Giri
Director (retired)
GGM Consulting
Section 2: Engineering and Technology
Inducted to WSAS 2015
Field(s) of Expertise: Energy management systems
jaygiri00@gmail.com

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
good@geog.ucsb.edu

Daniel E. Gottschling
Cell Biologist
Fred Hutchinson Cancer Research Center
Section 4: Health Sciences
Inducted to WSAS 2011
National Academy of Sciences (NAS), 2011
Field(s) of Expertise: Cancer and genomic instability
dgottsch@fredhutch.org

Donald K. Grayson
Professor of Anthropology
University of Washington
Section 5: Social and Behavioral Sciences
Inducted to WSAS 2011
National Academy of Sciences (NAS), 2011
Field(s) of Expertise: Archaeology
grayson@u.washington.edu

J. Thomas Grayston
Professor Emeritus of Epidemiology; Founding Dean, School of Public Health and Community Medicine
University of Washington
Section 4: Health Sciences
Inducted to WSAS 2008
National Academy of Medicine (NAM), 1981
Field(s) of Expertise: Epidemiology of infectious diseases
grayston@u.washington.edu
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  
epgreen@u.washington.edu

Albert G. Greenberg  
*Corporate Vice President, Azure Networking*  
**Microsoft Corporation**  
Section 2: Engineering and Technology  
Inducted to WSAS 2016  
National Academy of Engineering (NAE), 2016  
Field(s) of Expertise: Networking, cloud, software defined networking  
albert@microsoft.com

Anthony G. Greenwald  
*Professor, Psychology*  
**University of Washington**  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2015  
Field(s) of Expertise: Social psychology  
agg@uw.edu

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  
markg@fhcrc.org

Elizabeth Halloran  
*Professor*  
**University of Washington/Fred Hutch**  
Section 4: Health Sciences  
Inducted to WSAS 2020  
National Academy of Medicine (NAM), 2020  
Field(s) of Expertise: Biostatistics  
betz@uw.edu

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

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  
dhartm@uw.edu

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.  
csh5@u.washington.edu

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  
jdh@uw.edu

Maxine Hayes  
*Washington State Health Officer (ret)*  
**University of Washington**  
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  
maxiethedoc@yahoo.com
Blayne R. Heckel  
*Professor and Chair*  
**University of Washington**  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2012  
Field(s) of Expertise: Gravitational phenomena - time-reversal symmetry violation  
heckel@phys.washington.edu

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)  
heit@uw.edu

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  
steveh@fhcrc.org

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  
rayh@uw.edu

Laura Hill  
*Vice Provost and Professor*  
**Washington State University**  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2020  
Field(s) of Expertise: Prevention, implementation, evidence-based programs  
laurahill@wsu.edu

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

Charles Hirschman  
*Boeing International Professor*  
**University of Washington**  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2010  
Field(s) of Expertise: Sociology  
charles@u.washington.edu

Allan S. Hoffman  
*Professor Emeritus of Bioengineering*  
**University of Washington**  
Section 2: Engineering and Technology  
Inducted to WSAS 2008  
National Academy of Engineering (NAE), 2005  
Field(s) of Expertise: Molecular biomaterials and molecular bioengineering  
hoffman@u.washington.edu

Eric Holland  
*Sr. 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  
eholland@fredhutch.org

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  
kkh@u.washington.edu
George "Bud" Homsy  
**Affiliate Professor**  
**University of Washington**  
Section 2: Engineering and Technology  
Inducted to WSAS 2015  
National Academy of Engineering (NAE), 2006  
Field(s) of Expertise: Fluid mechanics  
bud@math.ubc.ca

Leroy E. Hood  
**President**  
**Institute for Systems Biology**  
Section 3: Biological Sciences  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 1982 plus NAE 2007  
Field(s) of Expertise: Biology, genomics, personalized medicine and technology development  
lhood@systemsbiology.org

John D. Hooper  
**Senior Principal/Director of Earthquake Engineering**  
**Magnusson Klemencic Associates**  
Section 2: Engineering and Technology  
Inducted to WSAS 2020  
Field(s) of Expertise: Structural engineering, earthquake engineering  
jhooper@mka.com

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  
rbhorsch@gmail.com

Eric Horvitz  
**Managing Co-Director, Microsoft Research**  
**Microsoft Corporation**  
Section 2: Engineering and Technology  
Inducted to WSAS 2013  
National Academy of Engineering (NAE), 2013  
Field(s) of Expertise: Machine learning and intelligence, with links to decision science, human-computer interaction, biomedical informatics, and information retrieval  
horvitz@microsoft.com

Raymond B. Huey  
**Professor Emeritus of Biology**  
**University of Washington**  
Section 3: Biological Sciences  
Inducted to WSAS 2015  
Field(s) of Expertise: Evolutionary physiology  
hueyrb@u.washington.edu

Patricia Ann Hunt  
**Meyer Distinguished Professor**  
**Washington State University**  
Section 3: Biological Sciences  
Inducted to WSAS 2015  
Field(s) of Expertise: Aneuploidy  
pathunt@vetmed.wsu.edu

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  
huntsman@uw.edu

William Andrew Hustrulid  
**Manager**  
**Hustrulid Mining Services**  
Section 2: Engineering and Technology  
Inducted to WSAS 2008  
National Academy of Engineering (NAE), 2007  
Field(s) of Expertise: Mining engineering  
whustrulid@aol.com
Akira Ishimaru  
Professor Emeritus of Electrical Engineering  
University of Washington  
Section 2: Engineering and Technology  
Inducted to WSAS 2008  
National Academy of Engineering (NAE), 1996  
Field(s) of Expertise: Electrical engineering  
ishimaru@u.washington.edu

Janet Jansson  
Chief Scientist for Biology & Lab Fellow  
Pacific Northwest National Laboratory  
Section 3: Biological Sciences  
Inducted to WSAS 2015  
Field(s) of Expertise: Plant, soil and microbial sciences  
janet.jansson@pnnl.gov

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  
jenekhe@u.washington.edu

Forrester T. Johnson  
Senior Technical Fellow  
The Boeing Company  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2008  
National Academy of Engineering (NAE), 2000  
Field(s) of Expertise: Computational fluid dynamics  
ftj0908@comcast.net

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

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  
dbkaplan@phys.washington.edu

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  
gary.kaplan@vmmc.org

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

Joel D. Kaufman  
Professor  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2017  
Field(s) of Expertise: Air pollution and cardiovascular health  
joelk@uw.edu

Tom Kawula  
Director and Professor  
Washington State University  
Section 4: Health Sciences  
Inducted to WSAS 2019  
Field(s) of Expertise: Zoonotic infectious diseases  
tom.kawula@wsu.edu
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  
bruce.kay@pnnl.gov

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  
chris.keane@wsu.edu

Sarah Keller  
*Professor*  
University of Washington  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2011  
Field(s) of Expertise: Inhomogeneous distribution of lipids within membranes that model cell membranes  
slkeller@chem.washington.edu

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  
s1kieffer@gmail.com

Ivan R. King  
*Research Professor*  
University of Washington  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 1982  
Field(s) of Expertise: Astronomy  
king@astro.washington.edu

Mary-Claire King  
*American Cancer Society Professor of Genome Sciences and Medicine*  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2007  
National Academy of Medicine (NAM), 1994 & NAS, 2005  
Field(s) of Expertise: Human genetics  
mcking@uw.edu

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  
rk@mka.com

Rachel Klevit  
*Professor*  
University of Washington  
Section 3: Biological Sciences  
Inducted to WSAS 2016  
Field(s) of Expertise: Biochemistry  
klevit@uw.edu

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  
keith.klugman@gatesfoundation.org

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  
jkmec@wsu.edu
Albert S. Kobayashi  
Professor Emeritus of Mechanical Engineering  
University of Washington  
Section 2: Engineering and Technology  
Inducted to WSAS 2008  
National Academy of Engineering (NAE), 1986  
Field(s) of Expertise: Mechanical engineering  
ask@u.washington.edu

James M. Krueger  
Regents Professor  
Washington State University  
Section 4: Health Sciences  
Inducted to WSAS 2012  
Field(s) of Expertise: Physiology  
j.krueger@wsu.edu

Tim Kohler  
Regents Professor, Anthropology  
Washington State University  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2018  
Field(s) of Expertise: Archaeology, Neolithic societies, complex systems  
tako@wsu.edu

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  
pkkuhl@u.washington.edu

Allan E. Konopka  
Directory 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  
akonopka@purdue.edu

Steve Kramer  
Professor Emeritus  
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  
kramer@uw.edu

Kannan M. 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: Materials sciences and engineering, magnetism and magnetic materials, condensed matter physics  
kannanmk@uw.edu

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  
kwiram@uw.edu

Brian Lamb  
Regents Professor Emeritus  
Washington State University  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2016  
Field(s) of Expertise: Atmospheric sciences  
blamb@wsu.edu

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  
Eric.B.Larson@kp.org
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  
lazowska@cs.washington.edu

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  
lidstrom@uw.edu

Ann L. Lee  
*Executive VP*  
**Juno Therapeutics**  
Section 2: Engineering and Technology  
Inducted to WSAS 2019  
National Academy of Engineering (NAE), 2007  
Field(s) of Expertise: Bioengineering and biotechnology  
anl.lee@junotherapeutics.com

Estella B. Leopold  
*Professor Emeritus, Biology*  
**University of Washington**  
Section 3: Biological Sciences  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 1974  
Field(s) of Expertise: Paleobotany and ecology  
eleopold@uw.edu

Yuehe Lin  
*Professor, School of Mechanical and Materials Eng.*  
**Washington State University/Pacific Northwest National Laboratory**  
Section 2: Engineering and Technology  
Inducted to WSAS 2018  
Field(s) of Expertise: Material science and engineering; biomedical engineering  
yuehe.lin@wsu.edu

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  
lipner@outlook.com

Jun Liu  
*Division Director and Laboratory Fellow*  
**Pacific Northwest National Laboratory/UW**  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2016  
Field(s) of Expertise: Materials sciences and energy  
jun.liu@pnnl.gov

Donald Liu  
*Executive Vice President and Chief Technology Officer (retired)*  
**American Bureau of Shipping**  
Section 2: Engineering and Technology  
Inducted to WSAS 2019  
National Academy of Engineering (NAE), 2011  
Field(s) of Expertise: Ships and ocean structures  
dmliuutx@gmail.com

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  
ruby.leung@pnnl.gov

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  
levy@cs.washington.edu
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  
dlomet@msn.com

Mark Long  
*Professor*  
**University of Washington**  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2019  
Field(s) of Expertise: Public policy analysis  
marklong@uw.edu

Christine Luscombe  
**University of Washington**  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2020  
Field(s) of Expertise: Polymers, clean energy  
luscombe@uw.edu

Alair MacLean  
*Sociology Professor*  
**Washington State University**  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2020  
Field(s) of Expertise: Inequality, education, military, veterans  
alair.maclean@wsu.edu

Alfred MacRae  
**MacRae Technologies**  
Section 2: Engineering and Technology  
Inducted to WSAS 2019  
National Academy of Engineering (NAE), 2003  
Field(s) of Expertise: Manufacturing science  
aumacrae@gmail.com

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

Harmit Malik  
**Fred Hutchinson Cancer Research Center**  
Section 3: Biological Sciences  
Inducted to WSAS 2019  
National Academy of Sciences (NAS), 2019  
Field(s) of Expertise: Genetics  
hsmalik@fhcrc.org

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  
amalvar@microsoft.com

Ramulu Mamidala  
**Boeing Pennell Professor of Engineering, Mechanical Engr**  
**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*  
**UW Tacoma/UC Santa Cruz**  
Section 3: Biological Sciences  
Inducted to WSAS 2020  
Field(s) of Expertise: Mathematical biology  
marcmangel@protonmail.com
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*

**University of Washington**
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2012  
Field(s) of Expertise: Weather of the American Northwest  
cmass@uw.edu

Robert F. Mast  
*Senior Principal*  
**Berger/Abam Engineers Inc.**

Section 2: Engineering and Technology  
Inducted to WSAS 2008  
National Academy of Engineering (NAE), 1989  
Field(s) of Expertise: Structural engineering  
mast@abam.com

Ross L. Matsueda  
*Blumstein-Jordan Endowed Professor of Sociology*

**University of Washington**
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2015  
Field(s) of Expertise: Criminology, juvenile justice  
matsueda@u.washington.edu

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 policy making for natural hazards and disasters  
pmay@uw.edu

David G. McAlees  
*Senior Vice President, Retired*  
**Siemens Power Corporation**

Section 2: Engineering and Technology  
Inducted to WSAS 2010  
Field(s) of Expertise: Nuclear energy  
dgmcalees@aol.com

Jill McCluskey  
*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  
mcluskey@wsu.edu

Anne McCoy  
*Professor*

**University of Washington**
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2019  
Field(s) of Expertise: Theoretical spectroscopy  
abmccoy@uw.edu

Michael G. McDonell  
*Professor*

**Washington State University**
Section 4: Health Sciences  
Inducted to WSAS 2020  
Field(s) of Expertise: Substance use and mental health treatment  
mmcdonell@wsu.edu
Terry F. McElwain  
*Regents Professor Emeritus*  
**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  
tfm@wsu.edu

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

Sterling M. McPherson  
**Washington State University**  
Section 4: Health Sciences  
Inducted to WSAS 2020  
Field(s) of Expertise: Evidence-based drug/alcohol use disorder treatments  
sterling.mcpherson@wsu.edu

Katrina Mealey  
**Washington State University**  
Section 4: Health Sciences  
Inducted to WSAS 2020  
Field(s) of Expertise: Pharmacogenetics; Companion animal veterinary medicine  
kmealey@wsu.edu

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  
meltzoff@uw.edu

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  
pmitch@uw.edu

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  
mittelha@wsu.edu

Bruce Montgomery  
*CEO*  
**Avalyn Pharma**  
Section 4: Health Sciences  
Inducted to WSAS 2015  
Field(s) of Expertise: Antimicrobial development  
bruce.montgomerymd@gmail.com

David Montgomery  
*Professor*  
**University of Washington**  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2020  
Field(s) of Expertise: Geomorphology  
bigdirt@uw.edu

Randall T. Moon  
*William & Marilyn Conner Professor and Founding Director of the Institute of Stem Cell & Regenerative Medicine*  
**University of Washington School of Medicine**  
Section 4: Health Sciences  
Inducted to WSAS 2011  
National Academy of Sciences (NAS), 2015  
Field(s) of Expertise: Signal transduction pathways in development and in disease  
rtmoon@uw.edu
Sue E. Moore
Center for Ecosystem Sentinels, University of Washington
Section 3: Biological Sciences
Inducted to WSAS 2020
Field(s) of Expertise: Marine mammals, bioacoustics
moore4@uw.edu

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
murman@mit.edu

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
cjlm@u.washington.edu

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
murry@u.washington.edu

Roger M. Myers
Executive Director
Aerojet Rocketdyne Redmond, Retired
Section 2: Engineering and Technology
Inducted to WSAS 2012
Field(s) of Expertise: Aerospace
roger.m.myers@comcast.net

George D. "Pinky" Nelson
Director, Science, Mathematics and Technology Education Program
Western Washington University
Section 1: Physical and Mathematical Sciences
Inducted to WSAS 2012
Field(s) of Expertise: Astronomy and astrophysics
nelson.pinky@hotmail.com

Eugene Nester
Professor Emeritus
University of Washington
Section 3: Biological Sciences
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1994
Field(s) of Expertise: Microbial plant pathology
gnester@u.washington.edu

Kariuki M. Njenga
Professor
Washington State University
Section 4: Health Sciences
Inducted to WSAS 2018
National Academy of Medicine (NAM), 2017
Field(s) of Expertise: Infectious disease epidemiology
mkariuki.njenga@wsu.edu

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
matt.odonnel@gmail.com
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  
ghorians@gmail.com

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  
Field(s) of Expertise: Speech and language processing  
ostendor@uw.edu

Guy Hughes Palmer  
*Eminent Professor of Pathology & Infectious Diseases; 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  
gpalmer@wsu.edu

Yuval Peres  
*Microsoft Research*  
Section 2: Engineering and Technology  
Inducted to WSAS 2016  
National Academy of Sciences (NAS), 2016  
Field(s) of Expertise: Applied mathematics  
yuval@yuvalperes.com

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  
radia@alum.mit.edu

Edward B. Perrin  
*Professor Emeritus*  
**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  
perrin@u.washington.edu

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  
twp@uw.edu

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.  
plotnick@uw.edu

Robin Podmore  
*President*  
**IncSys, Inc.**  
Section 2: Engineering and Technology  
Inducted to WSAS 2013  
National Academy of Engineering (NAE), 2013  
Field(s) of Expertise: Computer applications for power system operator training simulators  
robin@incsys.com

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  
poovaiah@wsu.edu
Ross L. Prentice
*Member and Professor*
**Fred Hutchinson Cancer Research Center**
Section 4: Health Sciences  
Inducted to WSAS 2008  
National Academy of Medicine (NAM), 1990  
Field(s) of Expertise: Failure time analysis, disease prevention trials, epidemiologic methods, dietary factors and disease  
prentic@fhcrc.org

Bruce Mark M. Psaty
*Professor, Departments of Medicine, Epidemiology and Health Services; Investigator Group Health Research Institute*
Section 4: Health Sciences  
Inducted to WSAS 2014  
National Academy of Medicine (NAM), 2013  
Field(s) of Expertise: Cardiovascular epidemiology  
psaty@u.washington.edu

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  
spun@uw.edu

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  
aepunt@uw.edu

Thomas P. Quinn
*Professor, Aquatic and Fishery Sciences*
**University of Washington**  
Section 3: Biological Sciences  
Inducted to WSAS 2010  
Field(s) of Expertise: Fish behavior, ecology and evolution  
tquinn@u.washington.edu

Adrian Raftery
*Blumstein-Jordan Professor of Statistics and Sociology*
**University of Washington**  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 2009  
Field(s) of Expertise: Development of new statistical methods for the social, environmental and health sciences  
raftery@stat.washington.edu

Paul G. Ramsey
*CEO, UW Medicine; Executive Vice-President for Medical Affairs; Dean, School of Medicine*
**University of Washington**  
Section 4: Health Sciences  
Inducted to WSAS 2008  
National Academy of Medicine (NAM), 2000  
Field(s) of Expertise: Infectious disease  
pramsey@u.washington.edu

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  
bramsey@uw.edu

Phil Rasch
*Laboratory Fellow, 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  
philip.j.rasch@gmail.com
Buddy D. Ratner  
Professor; 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  
ratner@uw.edu  

Lynn Riddiford  
Professor of Biology Emerita  
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  
lmr@uw.edu  

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  
reganold@wsu.edu  

Frederick M. 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  
rieke@uw.edu  

Per Reinhall  
Professor and Chair, Dept of Mechanical Engineering  
University of Washington  
Section 2: Engineering and Technology  
Inducted to WSAS 2019  
Field(s) of Expertise: Dynamical systems, vibrations, and acoustics  
reinhall@uw.edu  

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  
rileyj@u.washington.edu  

Barbara F. Reskin  
Professor of Sociology  
University of Washington  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 2006  
Field(s) of Expertise: Sociology of work, sex, race, and ethnic inequality in work organizations  
reskin@u.washington.edu  

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  
britter@vetmed.wsu.edu  

Peter B. Rhines  
Professor of Oceanography and Atmospheric Sciences  
University of Washington  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2008  
National Academy of Sciences (NAS), 1981  
Field(s) of Expertise: Atmospheric and oceanic sciences  
rhines@ocean.washington.edu  

W. Sue Ritter  
Regents Professor  
Washington State University  
Section 4: Health Sciences  
Inducted to WSAS 2015  
Field(s) of Expertise: Physiology and neuroscience  
sritter@wsu.edu
Frederick P. Rivara

*Seattle Children’s Guild Endowed Chair in Pediatrics; Professor and Vice Chair, Pediatrics*

**University of Washington**

Section 4: Health Sciences

Inducted to WSAS 2008

National Academy of Medicine (NAM), 2005

Field(s) of Expertise: Pediatrics and public health

fpr@u.washington.edu

---

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

rghr@uw.edu

---

John Roll

*Senior Vice Chancellor for Faculty Affairs and Research*

**Washington State University**

Section 5: Social and Behavioral Sciences

Inducted to WSAS 2016

Field(s) of Expertise: Addiction

johnroll@wsu.edu

---

Cornelius Rosse

*Professor Emeritus*

**University of Washington**

Section 4: Health Sciences

Inducted to WSAS 2019

National Academy of Medicine (NAM), 2001

Field(s) of Expertise: Anatomy

rosse@uw.edu

---

Kevin Rosso

*Laboratory Fellow*

**Pacific Northwest National Laboratory**

Section 1: Physical and Mathematical Sciences

Inducted to WSAS 2019

Field(s) of Expertise: Geochemistry

kevin.rosso@pnnl.gov

---

Brian Saelens

*Professor of Pediatrics and Psychiatry & Behavioral Sciences*

**Seattle Children’s Research Institute**

Section 5: Social and Behavioral Sciences

Inducted to WSAS 2018

Field(s) of Expertise: Child health psychology, obesity treatment and prevention, environment and policy factors that impact physical activity and healthy eating

brian.saelens@seattlechildrens.org

---

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

msalmon@uw.edu

---

Martin Savage

*Professor of Physics*

**University of Washington**

Section 1: Physical and Mathematical Sciences

Inducted to WSAS 2019

Field(s) of Expertise: Nuclear physics

mjs5@uw.edu

---

Daniel E. Schindler

*Professor*

**University of Washington**

Section 3: Biological Sciences

Inducted to WSAS 2018

Field(s) of Expertise: Aquatic ecology, limnology, fisheries

deschind@uw.edu

---

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

schmitter-e@wsu.edu
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  
dts@uw.edu

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  
ed@selinc.com

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  
scottjdw@u.washington.edu

Harry Shum  
Microsoft Corporation  
Section 2: Engineering and Technology  
Inducted to WSAS 2019  
National Academy of Engineering (NAE), 2017  
Field(s) of Expertise: Artificial intelligence  
v-hshum@microsoft.com

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  
singhalfuelcell@gmail.com

Michael K. Sinnett  
Vice President, Product Development  
The Boeing Company  
Section 2: Engineering and Technology  
Inducted to WSAS 2016  
National Academy of Engineering (NAE), 2016  
Field(s) of Expertise: Aerospace engineering  
michael.k.sinnett@boeing.com

Jane Sisk  
University of Washington, retired  
Section 4: Health Sciences  
Inducted to WSAS 2018  
National Academy of Medicine (NAM), 2001  
Field(s) of Expertise: Pharmacy  
janeesisk@gmail.com

Michael K. Skinner  
Eastlick Distinguished Professor  
Washington State University  
Section 3: Biological Sciences  
Inducted to WSAS 2019  
Field(s) of Expertise: Genomics  
skinner@wsu.edu

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  
smerdon@wsu.edu

Richard D. Smith  
Battelle Fellow and Chief Scientist in the Biological Sciences  
Pacific Northwest National Laboratory  
Section 3: Biological Sciences  
Inducted to WSAS 2010  
Field(s) of Expertise: Proteomics and metabolomics, mass spectrometry  
rds@pnnl.gov
David A Stahl  
Professor  
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  
dastahl@uw.edu

John Stark  
Director  
Washington Stormwater Center  
Section 3: Biological Sciences  
Inducted to WSAS 2019  
Field(s) of Expertise: Toxicology  
starkj@wsu.edu

Patrick Sean Stayton  
Director of the Molecular Engineering and Science Institute, College of Engineering  
University of Washington  
Section 2: Engineering and Technology  
Inducted to WSAS 2013  
Field(s) of Expertise: Polymer biomolecule conjugates  
stayton@uw.edu

Nephi Stella  
Director, University of Washington Center for Cannabis Research.  
University of Washington  
Section 4: Health Sciences  
Inducted to WSAS 2019  
Field(s) of Expertise: Pharmacology of cannabis and optimization of its medicinal properties  
nstella@uw.edu

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  
stensel@uw.edu

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  
stergach@uw.edu

Kenneth Stuart  
President Emeritus and Founder  
Seattle Biomedical Research Institute  
Section 4: Health Sciences  
Inducted to WSAS 2011  
Field(s) of Expertise: Global health, RNA biology  
ken.stuart@seattlebiomed.org

Richard Szeliski  
Distinguished Scientist  
Facebook  
Section 2: Engineering and Technology  
Inducted to WSAS 2015  
National Academy of Engineering (NAE), 2015  
Field(s) of Expertise: Computer science  
szeliski@hotmail.com

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  
jtang@wsu.edu

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  
thom.ronald@gmail.com
Engelberta "Beti" Thompson  
*Member and Associate Program Head*  
**Fred Hutchinson Cancer Research Center**  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2012  
Field(s) of Expertise: Community studies, community-based participatory research, smoking cessation, methodology of group-level randomized trials, cancer prevention  
bthompso@fhcrc.org

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  
eathomp@uw.edu

Hilaire Thompson  
*Joanne Montgomery Endowed Professor, Graduate Program Director School of Nursing*  
**University of Washington**  
Section 4: Health Sciences  
Inducted to WSAS 2018  
Field(s) of Expertise: Traumatic brain injury, falls, aging, nursing, consumer health informatics  
hilairet@uw.edu

George Todaro  
*Targeted Growth, Inc*  
Section 4: Health Sciences  
Inducted to WSAS 2018  
National Academy of Sciences (NAS), 1986  
Field(s) of Expertise: Pathobiology, cancer research  
gtodaro@georgetodaro.com

Stewart E. Tolnay  
*Frank Miyamoto Professor of Sociology*  
**University of Washington**  
Section 5: Social and Behavioral Sciences  
Inducted to WSAS 2011  
Field(s) of Expertise: Demography  
tlnay@uw.edu

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  
ktorii@uw.edu

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  
leungwtsang@gmail.com

Gunther Uhlmann  
*Walker Family Endowed Professor in Mathematics*  
**University of Washington**  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2012  
Field(s) of Expertise: Partial differential equations and inverse problems  
gunther@math.washington.edu

Hans P.A. Van Dongen  
*Professor*  
**Washington State University**  
Section 4: Health Sciences  
Inducted to WSAS 2018  
Field(s) of Expertise: Chronobiology and sleep  
hvd@wsu.edu

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  
ushav@uw.edu
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
jud.virden@pnnl.gov

John M. Wallace
*Professor of Atmospheric Sciences*
**University of Washington**
Section 1: Physical and Mathematical Sciences
Inducted to WSAS 2008
National Academy of Sciences (NAS), 1997
Field(s) of Expertise: Global climate
wallace@atmos.washington.edu

Alan Walter
*Chair of Scientific Advisory Board*
**Advanced Medical Isotope Corporation**
Section 2: Engineering and Technology
Inducted to WSAS 2011
Field(s) of Expertise: Nuclear engineering
alan.walter@gmail.com

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
jcwang@fas.harvard.edu

Yong Wang
*Laboratory Fellow*
**Pacific Northwest National Laboratory; Washington State University**
Section 2: Engineering and Technology
Inducted to WSAS 2015
Field(s) of Expertise: Catalytic materials
yong.wang@pnnl.gov

Robin Waples
*Senior Scientist*
**Northwest Fisheries Science Center**
Section 3: Biological Sciences
Inducted to WSAS 2014
Field(s) of Expertise: Fish conservation geneticist
robin.waples@noaa.gov

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
argo@uw.edu

John D. Warner
*Chief Administrative Officer, retired*
**The Boeing Company**
Section 2: Engineering and Technology
Inducted to WSAS 2008
National Academy of Engineering (NAE), 1995
Field(s) of Expertise: Aerospace engineering
johndwarner@earthlink.net

Judith N. Wasserheit
*Chair & Professor, UW Dept. 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
jwasserh@uw.edu

Robert H. Waterston
*William H. Gates III Endowed Chair in Biomedical Sciences; Professor and Chair, Genome Sciences*
**University of Washington**
Section 3: Biological Sciences
Inducted to WSAS 2008
National Academy of Sciences (NAS), 2000 & NAM 2001
Field(s) of Expertise: Genomics, gene expression
waterston@gs.washington.edu
James Winton  
*Senior Scientist, Emeritus*  
*US Geological Survey*  
Section 3: Biological Sciences  
Inducted to WSAS 2018  
Field(s) of Expertise: Infectious diseases of fish  
jwinton@usgs.gov

Nancy Fugate Woods  
*Professor, Family and Child Nursing; 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  
fwoods@uw.edu

Sotiris Xantheas  
*Laboratory Fellow (PNNL) / Affiliate Professor of Chemistry, UW – PNNL Distinguished Faculty Fellow (UW)*  
*Pacific Northwest National Laboratory/UW*  
Section 1: Physical and Mathematical Sciences  
Inducted to WSAS 2018  
Field(s) of Expertise: Theoretical/computational chemistry, electronic structure, intermolecular interactions, modeling of water and aqueous solutions  
sotiris.xantheas@pnnl.gov

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  
yagerp@u.washington.edu

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  
garyyang80@hotmail.com

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  
yoder@wsu.edu

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  
qinzhang@wsu.edu

Ning Zheng  
*Professor*  
*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  
nzheng@uw.edu
EMERITUS MEMBERS

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

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

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

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

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

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

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

Gerald Edwards
Professor Emeritus
Washington State University
Inducted to WSAS 2011

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

R. Curtis Graeber
Senior Technical Fellow, retired
Boeing
Inducted to WSAS 2010

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

Lee Hartwell
Virginia G. Piper Chair, Director and CEO Emeritus
Fred Hutchinson Cancer Research Center
Inducted to WSAS 2008

Wick Haxton
Professor of Physics
University of California Berkeley
Inducted to WSAS 2008

William R. Hazzard
Professor of Medicine, Director, Geriatrics and Extended Care
Wake Forest University
Inducted to WSAS 2008
National Academy of Medicine (NAM), 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 plus NAM 2002
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

Richard D. Klausner
Managing Partner
The Column Group
Inducted to WSAS 2008

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

Kai Li
Professor of Computer Science
Princeton University
Inducted to WSAS 2012

Chen-Ching Liu
American Electric Power Professor of Electrical Engineering
Virginia Tech
Inducted to WSAS 2014

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

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

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

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

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

Harold Forsen
Inducted to WSAS 2008

John Garcia
Inducted to WSAS 2008

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

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

Kelvin G. Lynn
Inducted to WSAS 2012

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

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

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

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

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