

# transatlantic science week 2009: discover – innovate – collaborate minneapolis, mn – september 27-30

## speaker biographies



**Jarle Aarbakke** is President at the University of Tromsø. Before being elected President in 2001, Aarbakke served as a Professor of Pharmacy at the Institute of Medical Microbiology. Since 2007 he has been chair of the Norwegian Association of Higher Education Institutions (UHR). In 1997 Aarbakke lead a government committee for investigation of alternative and supplementary medicine.



**Tora Aasland** is the Norwegian Minister of Research and Higher Education. Mrs. Aasland has a Masters Degree in Sociology from the University of Oslo. From 1985 to 1993 she was an elected member of the Parliament, and also the Vice President of the Legislative Assembly in the Parliament from 1989 to 1993. Mrs. Aasland has held key positions in the Socialist Left Party at local, regional and national levels. She has performed a great number of elected and appointed tasks in the areas of governance, education and culture. In her professional capacity the Minister has worked as a researcher and manager at the Institute of Social Research, University of Oslo, and as a Regional State Governor.



**Mahmood Amiry-Moghaddam** works as a senior scientist at the Center for Molecular Biology and Neuroscience at the University of Oslo. He is also the spokesperson for the website Iran Human Rights which monitors the violations of human rights in Iran. Amiry-Moghaddam completed his medical studies in 1996 at the University of Oslo, and later obtained a PhD at the Center for Neuroscience and Molecular Biology. In 2004, he received the King's gold medal for the best medical doctorate at the University of Oslo. Amiry-Moghaddam has been a collaborator to Peter Agre, who received the Nobel Prize for Chemistry in 2003. He spent one year as a postdoctoral fellow at Harvard Medical School in 2006. He is well-known as a defender of human rights. He received the Norwegian Amnesty International's human rights prize in 2007 for his work against the human rights violations in Iran. Amiry-Moghaddam was awarded the Anders Jahre medicine prize for young scientists in 2008.



**Per Anderson** (BA, St. Olaf College; MDiv, Harvard University; PhD, University of Chicago) joined the faculty at Concordia College in Moorhead, MN in 1986. He is Professor of Religion and Associate Dean for Global Learning. Anderson teaches and writes in Christian ethics with a focus on science and technology. Anderson has invested in moral deliberation in the Evangelical Lutheran Church in America and the Lutheran World Federation. He currently serves as co-chair of a social statement task force on genetics. Anderson heads the Council of the Nordic American Learning Alliance which seeks to expand student and faculty mobility between six Norwegian American institutions and the university colleges and universities of Norway.



**Astri Andresen**, Dr. philos., is Professor in History at Department of Archaeology, History, Cultural studies and Religion at the University of Bergen. Andresen is researching history of minorities and of welfare, health and medicine, and has published books and articles within these fields. She is the project leader of Nordic and Norwegian research projects on the history of childhood and medical history, and is engaged in collaborative research on medical history and transfers of knowledge with colleagues from several European countries. Since August 1, 2009 she is Vice-Rector for international relations at the University of Bergen.



**Thorleif Anthonsen** is Professor of Organic Chemistry at The Norwegian University of Science and Technology, NTNU, in Trondheim. He has been a post doc/visiting scholar at Glasgow University, UK, at UCLA (with Donald Cram), at MIT, (with Alexander Klivanov), and at Cytel Corporation, San Diego, (with James Paulson). For twenty years, he has led the Biocatalysis group at NTNU, which focuses on enzyme catalysed synthesis of enantiopure compounds directed towards production of chiral drugs (Sustainable Chemistry). In 2001, he initiated the EU financed collaboration, "Applied Biocatalysis", which he also chaired from beginning to the end in 2008. Professor Anthonsen's primary research interests are natural product chemistry and biocatalysis in organic chemistry.



**Douglas N. Arnold** is the McKnight Presidential Professor of Mathematics at the University of Minnesota. For 2009 and 2010, he also serves as the President of the Society for Industrial and Applied Mathematics, the world's leading professional organization for applied mathematics. From 2001 through 2008, he directed the Institute for Mathematics and its Applications (IMA) at the University of Minnesota. Under Arnold's leadership the IMA grew to be the largest mathematics investment in the history of the National Science Foundation. In 2008 Arnold was awarded a Guggenheim Fellowship, and in 2009 he was elected a foreign member of the Norwegian Academy of Science and Letters. In 2007 he co-authored an award winning video, Möbius Transformations Revealed, which became a runaway hit on YouTube, with over 1.5 million views.

**Anita Rabben Asbjørnsen** is the coordinator of International Education at the Norwegian Consulate General in New York.



**Lars Aukrust** holds a Ph.D. in biochemistry and allergy from the University of Oslo, Dept. of Medicine, Norway. His business education includes the International Executive program of INSEAD Business School. He spent his Post Doc. as Visiting Research Professor at Tulane Medical School. He has been President and Rector of Akershus University College. His industry experience includes several managing positions in pharmaceutical industry and food industry. He was President and founder of the Fjordland Food Company, which is the leading producer of fresh, ready made meals in Norway. His present position is as Executive Director of the Division for Innovation at the Research Council of Norway. In 2009 he is also President of, the European organization of Research and Innovation agencies.



**Allen Bateman** is originally from West Salem, Wisconsin and attended St. Olaf College in Northfield, Minnesota, majoring in chemistry with concentrations in molecular biology and Norwegian. He then worked as a Fulbright fellow in the neuroscience laboratory of Dr. Ole Petter Ottersen at the University of Oslo. Following the Fulbright year, Bateman returned to Wisconsin to pursue his doctorate in cellular and molecular biology. Working with Dr. Christopher Olsen, He studies species-specificity and interspecies transmission of influenza viruses, with a particular focus on swine influenza viruses. After finishing his PhD studies in the spring of 2010, He plans to study for a Masters in Public Health (MPH) and to then work in international and global health.



**Linda Hildegard Bergersen** obtained her PhD in 2001 under the supervision of Professor Ole Petter Ottersen. After a post-doc period in Lausanne with Professor Pierre Magistretti and Professor Luc Pellerin 2003, she worked with Jon Storm-Mathisen and has now established her own group.



**Robert H. Bruininks** is the 15th president of the University of Minnesota. He has served the University for nearly 40 years, previously as professor, dean, and executive vice president and provost, and now as chief executive officer. Bruininks currently oversees a major strategic planning and positioning effort aimed at making the University of Minnesota one of the top three public research universities in the world within a decade. President Bruininks is strongly committed to the University of Minnesota's responsibilities as a public land-grant research university. He has had an active role in deepening the University's civic engagement through programs such as the Committee on Public Engagement (COPE), and the recently announced Consortium for Post Secondary Academic Success, which aims to improve PK-12 public education in Minnesota. He serves on the J. William Fulbright Foreign Scholarship Board and the National Association of State Universities and Land Grant Colleges board. He was named Minnesotan of the Year by Minnesota Monthly magazine in January 2004.



**Ivan C. Burkow** is a PhD in organic chemistry from the University of Tromsø. Burkow has a broad professional experience from research institutes and universities in management and research. Burkow has since January 2008 been CEO of Northern Research Institute in Norway. In 2003-2007 he was managing director of Fiskeriforskning (Norwegian Institute of Fisheries and Aquaculture Research), and in 2001-2003 Director General of Research at the same institute. Burkow has also been director of NILU (Norwegian Institute for Air Research) at The Polar Environmental Centre in Tromsø (1994-2001), associated professor at the University of Tromsø (1992-1994) and researcher at FTFI (Institute of Fisheries and Technology Research) (1986-1992).



**Doug Cameron** is Managing Director and chief science advisor at Piper Jaffray. His major responsibility is building the firm's global franchise in renewable energy and clean technology. Cameron joined Piper Jaffray in August, 2008 from Khosla Ventures in Menlo Park, Calif., a premier venture capital firm in clean technology investments. As chief scientific officer at Khosla, he led technical due diligence for many of the firm's clean technology investments. Prior to Khosla, Cameron was chief scientist and director of biotechnology at Cargill, Inc. in Minnetonka, Minn., where he built and led Cargill's corporate biotechnology research group.



**Julie Christiansen** is Senior Advisor in the Department of Energy and Petroleum in the Research Council of Norway. Her responsibilities include cooperation with countries outside Europe. The Department works to promote research to solve national and global technology challenges in the energy and petroleum sphere. The department administers two of the programmes under the Large-scale Programme initiative, RENERGI (Clean Energy for the Future) and PETROMAKS (Optimal Management of Petroleum Resources), as well as the CLIMIT (Natural Gas Power) research programme. Christiansen was member of The Norwegian Parliament from 2001-2005 and of the Standing Committee on Foreign Affairs. She holds a master degree in International Affairs from the University of Oslo and was affiliated to the Norwegian Institute of International Affairs with international energy policy as a special field. Christiansen had an internship in the US Congress in 1995, and has also studied US Foreign Policy at George Washington University.



**Tove I. Dahl** is an Associate Professor in psychology at the University of Tromsø. She has a Ph.D from the University of Texas in Austin. Her research focuses on cognitive and situated perspectives on learning, language acquisition/learning, language comprehension and peace education. In 2008 Dahl was Knighted with the Royal Norwegian Order of Merit.



**Jostein Dalland** is the President of Birkeland Innovation, the Technology Transfer Office at The University of Oslo. Jostein Dalland has more than 15 years executive experience from the high-tech industry including as CEO of a publicly listed biotech company and as Executive Vice President at the industry conglomerate Aker. From this he has extensive experience working with Universities on sophisticated R&D programs and licensing IPR from technology transfer offices. In addition Dalland has founded and built several high-tech companies. He holds a Master of Technology Management and an MBA in market strategy and product development.



**Anders Davidson** is the Director of Business Development and Innovation at the Honorary Norwegian Consulate in Minneapolis, MN. In this role Anders is responsible for improving commercial relations between the Midwest and Norway through identifying and raising awareness of business opportunities and actively supporting and facilitating collaboration, business development and transactions. He particularly focused on medical devices and clean technologies. Prior to his current role Anders was the Strategic Planning Manager for 3M's International Operations from 2006-2008 and Strategic Planner for 3M's Medical Division from 2003-2006. Prior to 3M, Anders was a Product Manager at Microsoft in Redmond, WA from 1997-2001. Anders earned his MBA from the University of Minnesota in 2003 and his BA from St. Olaf College in 1989.

**Dag Dvergsten** is the president and owner of Dag Dvergsten AS. Prior to establishing the company in 1994, Mr. Dvergsten held several positions in Fred Olsen & Co, a Norwegian shipping conglomerate. Dvergsten has through Dag Dvergsten AS initiated and developed several industrial projects within the areas of energy/resources, marine sectors, life science and technology. Dvergsten has served and is currently serving on several corporate and civic organisation boards. Mr. Dvergsten holds a Master of Science in Business degree from the Norwegian School of Economics and Business Administration (NHH).



**Robert Elde** was named dean of the University of Minnesota's College of Biological Sciences in October, 1995. A 1969 honors graduate of North Park College in Chicago, Elde received his Ph.D. from the University of Minnesota in 1974. He joined the University faculty in 1977 and is the J. B. Johnston Land Grant Professor of Neuroscience in the Department of Neuroscience. Elde received an honorary Doctor of Medicine degree from the Karolinska Institute in Stockholm, Sweden, in 1996. Elde founded the University Enterprise Laboratories, a bioscience incubator formed by the University in collaboration with the City of St. Paul and a group of Twin Cities-based corporations. He was founding chair of the Initiative for Renewable Energy and the Environment (IREE). IREE supports collaborative research to develop biofuels and other sustainable forms of energy, including wind, solar and hydrogen.



**Geir Ellingsrud** was elected by the staff and students of the University of Oslo to serve as President from 2006 until 2009. He is Professor of Mathematics at the Faculty of Mathematics and Natural Sciences, the University of Oslo. He took his Ph.D. at Stockholm University in 1983. Ellingsrud has a Cand. Real. from the University of Oslo with mathematics as the principle subject.



**Anders Elverhøi** is a Professor at the Department of Geosciences, University of Oslo and Dean of Research, Faculty of Mathematics and Natural Sciences. His research fields are sediment gravity transport with special emphasis on subaqueous slides and debris flows, slide dynamics and mechanics of disintegration and quaternary glaciations and paleoclimate. Elverhøi has received these awards for his research: Fellow of The Norwegian Academy of Science and Letters (1999), The Fram Committee Nansen Award for Polar Research, University of Oslo (1993) and The Helga and Hans Reusch Award, University of Oslo (1976).



**Terje Emblem** holds a position as a Special Advisor at the Research Council of Norway. He is trained as a historian, and wrote his thesis about Norwegian integration in western economy. International R&D cooperation is presently among his responsibilities in the RCN, and he has been deeply involved in the renewed initiative for developing Norwegian-American cooperation in science and technology. His work experience also comprises policy issues within research. His publications are within research policy, in addition to textbooks in history.



**Ellen Sue L. Ewald** is Director of Education and Research at the Hon. Norwegian Consulate General in Minneapolis. Before joining the Consulate, she was Chairperson and Marketing/Human Resources Director for UnoPhone, Norway and UnoPhone, Uganda and Manager of Business Development at TM Holding AS/Venturos. She has held project management positions at Oracle Norge AS, Norwegian Investor Forum, and IT Fornebu Knowation. She has been a lecturer for the University of Maryland in Europe. Ellen Sue served as President for the MIT Club of Norway (1995 - 2009). She received the MIT Harold E. Lobbell '17 Distinguished Service Award, was elected to serve as the International Representative for the MIT National Selection Committee (2005-2008), and served as an MIT Educational Counsellor (EC) in Norway. She helped start and served as President for the University of Minnesota Alumni Chapter in Oslo. In 2004 she was awarded as one of Norway's Top 10 Most Successful International Women. She serves on Ella and Kaare Nygaard Foundation Board and on the Nobel Peace Prize Forum Executive Committee.



**Jonathan Foley** is the director of the Institute on the Environment at the University of Minnesota, where he is a professor and McKnight Presidential Chair in the Department of Ecology, Evolution and Behavior. He also leads the IonE's Global Landscapes Initiative. Foley's work focuses on complex global environmental systems and their interactions with human societies. He and his students have contributed to our understanding of large-scale ecosystem processes, global patterns of land use, the behavior of the planet's climate and water cycles, and the sustainability of our biosphere. He has won numerous awards and honors, including the National Science Foundation's Faculty Early Career Development Award; the J.S. McDonnell Foundation's 21st Century Science Award; an Aldo Leopold Leadership Fellowship; and the Sustainability Science Award from the Ecological Society of America. In 1997, President Bill Clinton awarded him the Presidential Early Career Award for Scientists and Engineers.



**Gary Gandrud** is the Norwegian Honorary Consul in Minneapolis. Mr. Gandrud is a founding member of the Norwegian American Foundation, and has been Chairman for the organization. Until recently he was President of the Norwegian American Chamber of Commerce in Minneapolis. He is also a longstanding member of the board of Vesterheim Norwegian-American Museum and a former Chairman of the museum board. Gandrud is a Partner in the law firm of Faegre & Benson with offices around the world. He is a graduate of St.Olaf College and the University of Minnesota Law School. He is Past President and current Board Member of Vesterheim and a member of the Minneapolis Torskeklubben. Gandrud received the Ambassador's Award in 2007 for his dedication and significant contribution to strengthening the ties between Norway and the US.



**Scott Gates** is the Director of the Centre for the Study of Civil War (CSCW), International Peace Research Institute, Oslo (PRIO) and Professor of Political Science, Norwegian University of Science & Technology (NTNU). Gates is a University of Minnesota alumnus; BA and MS, Minnesota; MA and PhD, Michigan. His recent books include: *Child Soldiers in the Age of Fractured States* and *Teaching, Tasks, and Trust: Functions of the Public Executive*. Gates has also published in the *American Political Science Review*, *American Journal of Political Science*, *Review of Development Economics*, *Journal of Environmental Economics and Management*, inter alia. He is also an Associate Editor of the *Journal of Peace Research*. Gates is a member of the Royal Norwegian Society of Science and Letters.

**Vidar Gundersen** is Professor of Medicine at the University of Oslo.



**Arvid Hallén** is the Executive Director of the Research Council of Norway. He graduated with a Mag.Art. degree in Sociology from the University of Oslo with a thesis on "Reindustrialization in marginal regions". He did research in local government studies and regional studies at the Norwegian Institute for Urban and Regional Research (NIBR) from 1978-1986. Dr. Hallén was appointed Director of the institute in 1987 and left this position in 1995 when he was appointed Executive Director of the Division for Culture and Society in the Research Council of Norway.



**Knut Hove** is the President of the Norwegian University of Life Sciences in Ås. He was born in Oslo and took his dr.scient. Degree in 1974, and the dr.med.vet. Degree in 1978. In 1987 he was appointed as professor to the Norwegian College of Agriculture.



**Berit Johne** is the Counselor for Science and Technology at the Royal Norwegian Embassy in Washington DC. She holds a DDS and PhD in immunology from the University of Oslo, and won the King's gold medal for research as RCN graduate fellow. She has extensive experience in life science and biotech research, in academia as well as pharmaceutical and biotech industry. Before coming to Washington she worked with life science, biotech policies and international cooperation at the Research Council of Norway. Her current focus is to facilitate collaboration with US and Canada in all fields of science and technology.

**Kjetil K Jåsund** is Deputy Director General for Research and Technology in the Norwegian Ministry of Trade and Industry.

**Alan W. Kersten** is an associate professor at the department of Psychology at the Florida Atlantic University. Kersten's research investigates how people learn to use language to convey information about perceived events. This research investigates language learning in both children and adults, with the goal of understanding how children and adults differ in their language learning competencies and language learning strategies.

**Paulo Kofuji**, Ph.D. Associate Professor in the Department of Neuroscience at the University of Minnesota. Dr. Kofuji obtained a Ph.D. in Pharmacology at the University of Maryland in 1993 working on the structure and function of plasma membrane sodium calcium exchangers. He then moved to the California Institute of Technology for postdoctoral training. In 1998, Dr. Kofuji started his own lab at the University of Minnesota, where he remains as Associate Professor. At the University of Minnesota, Dr. Kofuji has worked in the retina preparation in particular in relation to the role of glial cells. There he established a fruitful collaboration with Dr. Eric Newman to define the identity and function of potassium channels in retina glia. His long-term goal is that these studies will lead to a better understanding of the specific channels that support glial and neuronal function and thereby facilitate the

rational design of therapeutic interventions in the treatment of brain and retina disorders.



**Ingeborg Kongslien** is Associate Professor at the University of Oslo, Department of Linguistics and Scandinavian Studies. She was Norwegian lecturer at two Swedish universities and Visiting Professor in Norwegian and Scandinavian literature at the University of Chicago (1971-73) and at the University of Wisconsin (1994-95). Her PhD dissertation deals with Scandinavian and Norwegian-American emigrant and immigrant literature. She has thus in particular been active to promote contact between Norway and the US within her field of Scandinavian Studies. A frequent participant at SASS conferences, she was also the ASF (American-Scandinavian Foundation) lecturer in the fall of 2007.



**Terje Kristensen** has a BSc. in natural resource management and a MSc. in ecology, both from the University of Life science, Norway. He is now working on his PhD at the University of Minnesota, department of Forest Resources, in collaboration with the University of Life science. Kristensen holds a Fulbright scholarship for the second year, and was awarded the Torskeklubben Fellowship for the coming year.



**Hanne Alver Krum** is Head of Information at the Norwegian Centre for International Cooperation in Higher Education (SIU). She has the professional responsibility for all SIU's information activities and is a member of the SIU Management Team. Krum holds a cand.mag. from the University of Bergen and has broad experience in the field of corporate communication. Before Krum joined SIU, she held a position as communication adviser and partner in Nor PR AS.



**Kari Kveseth** is the International Director at the Research Council of Norway. She has a Ph.D. degree in Chemistry from the University of Oslo. She has had different positions as director within the Research Council since 1986. She has a broad experience from research and science policy organisations both as member of boards and member of expert committees for targeted studies, assessments and evaluations. Her research and scientific publications are in the areas of experimental gas electron diffraction and environmental impact.



**Susan Larson** (BA, Univ. of Manitoba; PhD, McMaster University) joined the faculty at Concordia College in Moorhead, MN in 1998. She is an Associate Professor and Chair of Psychology and she was recently appointed the College's first Director of Undergraduate Research and Student Scholarship. In addition to teaching a variety of psychology and neuroscience classes, Dr. Larson maintains an active research program with undergraduates as collaborators. Working with three to six students each year, her laboratory investigates behavioural and cognitive changes associated with immune system activation. Dr. Larson is a Councilor with the Council on Undergraduate Research and sits on the Executive Board of this national organization, whose mission is "to support and promote high quality student-faculty collaborative research and scholarship." In the fall of 2008, Dr. Larson was the recipient of the Ole and Lucy Flaot Distinguished Scholarship award at Concordia College.



**Martin Loken** was officially named Canada's Consul General in Minneapolis on July 25, 2008. He is Canada's senior representative in the Upper Midwest states of Iowa, Minnesota, Nebraska, North Dakota, and South Dakota. Martin joined Canada's Foreign Service in 1990. His previous overseas assignments were at the Canadian Embassy in Prague (1992-1994) and at Canada's Permanent Mission to the World Trade Organization and the United Nations in Geneva (1998-2002). From 2002 to 2008 he served in the Trade Policy and Negotiations Branch, where he worked on several major trade agreements and negotiations, e.g., serving as Deputy Chief Negotiator for free trade talks with Colombia, Peru and the European Free Trade Association, Chief Negotiator for talks with the Dominican Republic, and Deputy

Coordinator for the North American Free Trade Agreement.

**Silvia Mangia** is a doctor at the University of Minnesota. She got a master degree in Physics (1999), a Ph.D. degree in Biophysics (2003) and the title of "Specialist in Medical Physics" (2005) at the Univ. of Rome "La Sapienza" (Italy). Since 2004 she has been working at the CMRR (Minneapolis, MN) to apply 1H-MRS at 7 T for functional studies of the human brain during neuronal activity. Investigations of the neurovascular and neuroglial couplings are at the center of her research interests.



**Cora Marrett** is the current acting deputy director of the National Science Foundation. Marrett holds a B.A. degree from Virginia Union University (1963), and M.A. (1965) and Ph.D. (1968) degrees from UW-Madison, all in sociology. She received an honorary doctorate from Wake Forest University in 1996, and was elected a fellow of the American Academy of Arts and Sciences in 1998 and the American Association for the Advancement of Science in 1996. She is widely published in the field of sociology, and has held a number of public and professional service positions.



**Erik Stensrud Marstein** studied physics at the University of Oslo and received his Cand. Scient. and Dr. Scient. degrees in 1999 and 2003. Thereafter, he joined the solar cell research team at the Energy Systems Department at the Institute for Energy Technology (IFE). Here, he participated in building up a research group, which in 2008 became the new Department for Solar Energy. Here, he became the deputy department head. Dr. Marstein has participated in a range of research and development projects in silicon-based solar cell technology, ranging from solar energy materials and nanostructures to solar cell and module technology. In addition, he has developed and lectured advanced courses in solar cell technology and supervised M.Sc and PhD students in this field, first as a lecturer at the University Graduate Centre at Kjeller from 2004, thereafter as an adjunct associate professor at the University of Oslo. Since 2009, he has been the Centre Manager of the newly formed Norwegian Research Centre for Solar Cell Technology.



**Aurora Martinez** is a Professor at the Department of Biomedicine at the University of Bergen. She took her PhD in Biochemistry at the University of Basque Country, Bilbao in 1998. Postdoctor (1988-1994) at Department of Biochemistry, Univ. of Bergen, Norway. Associate professor at same department, 1995, and Full professor, 1997. Martinez is the leader of the research group Biorecognition, focusing on development and application of biophysical and computational methods to the study of the relations between structure-function and stability-dynamics in proteins of biomedical interest, notably the aromatic amino acid hydroxylases and their disease-associated mutants. She has 102 publications in scientific refereed journals since 1987 and 40 for 2004-2009. Martinez has also been a member of the National Committee for advanced scientific equipment and the Program for Functional Genomics at the Research Council of Norway. Scientific delegate from Norway at the European Molecular Biology Laboratory.



**Terje Mikalsen** (BSc NTNU) is a former managing owner of Venturos AS, a private equity and venture capital investor, and has over a period of 40 years been engaged in about 60 companies in Europe, USA, Hong Kong and Uganda, normally practicing active ownership. He has recently moved to Minneapolis and has become a partner in Tysvar Group headed by Lois Quam. Mikalsen headed in the late 60's the development, deployment and marketing of the world's first computerized radar system for collision avoidance at sea. He has been a board member of several companies including Chairman of Norsk Data, which he co-founded in 1969, and Hafslund Nycomed, and taken both to the main international stock exchanges including New York.



**Robert F. Miller** is a Professor at the Department of Neuroscience at the University of Minnesota. His primary research interest is focused on the vertebrate retina, a unique, well organized neural network that carries out sophisticated computations on the visual image.



**Ned Mohan** is a professor at the University of Minnesota. His research focuses on the broad field of electric energy systems. He is a fellow of the Institute of Electrical and Electronics Engineers. In 2007 he received the Morse-Alumni Distinguished Teaching Award, University of Minnesota. He has also received the Distinguished Teaching Award, Institute of Technology, University of Minnesota, Oscar A. Schott Professorship of Power Electronics and Systems, and Outstanding Educator Award from the Power Engineering Society of the IEEE.



**Walter F. Mondale** is Norway's Honorary Consul General in Minneapolis. Walter Mondale (80) was US Vice President from 1977 to 1981, and presidential candidate for the Democrats in 1984. He was US Ambassador to Japan from 1993 to 1996. From 1964 to 1976, he represented Minnesota in the Senate. He has also been Attorney General of the state of Minnesota. He has close ties to Norway. His family originally comes from Mundal on the west coast of Norway. He has, for many years, been a member of the Executive Committee of the Nobel Peace Prize Forum, which holds annual conferences with the support of the Norwegian Nobel Committee. He has a law degree and has worked as a lawyer for many years.



**Tim Mulcahy** is Vice President for Research, Interim Vice Provost and Dean of Graduate Education at the University of Minnesota. Mulcahy is responsible for the oversight and administration of an externally-funded research program of more than \$700 million in the University of Minnesota system. He has primary responsibility for the overall vitality of the University-wide research environment, including supporting evolution of new research. Mulcahy earned his doctorate in pathology and radiological sciences from the University of Wisconsin-Madison in 1979. His research has focused on cancer biology with an emphasis on the development of novel therapeutic approaches and on the molecular mechanisms of tumor cell resistance to conventional chemotherapy.



**Gisèle Muller-Parker** is Program Director for the Graduate Research Fellowship Program, in the Division of Graduate Education at the National Science Foundation. She is the NSF contact for the Nordic Research Opportunity program initiated in 2009. She began working at NSF in October 2008. Gisèle is also Professor of Biology at Western Washington University, where she teaches classes in marine biology, symbiosis, and botany. She has also served as the Assistant Director of Shannon Point Marine Center, with a focus on community outreach and undergraduate programs. Her research on algal symbiosis in sea anemones and corals engages many undergraduate and graduate students.



**Sonia Norohna Mykletun** is the Executive Director of the U.S.-Norway Fulbright Foundation for Educational Exchanges. She received her B.A. from Macalester College, St. Paul, Minnesota, and her M.A. from the University of Minnesota, Minneapolis, Minnesota. Ms. Mykletun has extensive experience in the field of international education in Norway, the European Union and in the United States. After moving to Brussels in 1999, she served as Secretary General for the Network of Universities from the Capitals of Europe (UNICA) enhancing the European Union's mobility programs within the Network. In Washington, D.C. since 2001, as President of Transatlantic University Studies (TRUST), she helped Norwegian universities reinforce their links with U.S. higher education institutions and strengthened U.S.-Norwegian academic links through projects with the Royal Norwegian Embassy.



**Kim Nesselquist** is the CEO & Executive Director of the Norwegian American Foundation. Nesselquist is a Norwegian citizen who has been a resident of the United States since 1990. He holds a Marketing Degree from Oslo School of Marketing and a Bachelor's Degree from Pacific Lutheran University in 1983. Back in Norway he was a political advisor for the Conservative Party, the Mayor's office in Oslo, and was deputy minister for Health and Social Services for Oslo's first Executive Board. He also served on the City Council of the City of Drammen for 8 years. He returned to the United States in 1990. In 1993 he started Nesselquist Corporation, a real estate investment firm, and Work Wear, Inc. a subsidiary with the import and distribution rights to the Regatta, Djupvik and Fristad brands which was purchased in 1997. Nesselquist is serving as the Chairman for the company. In 1998 he was appointed Vice Consul of Norway for the states of Washington and Idaho, and in 2007 he was appointed Consul. Nesselquist has a long career as board member of a number of Norwegian-American institutions and organizations.

**Eric A. Newman** is professor of Neuroscience at the University of Minnesota. Newman is a Distinguished McKnight University Professor. His research focuses on the Glia-Neuron-Vessel Interactions



**Professor Dr. Techn. Mads Nygård** is the Dean of engineering education at the Norwegian University of Science and Technology. Nygård has taken both his Siv.Ing. and Dr.Techn. degrees at NTH, in 1979 and 1990 respectively. From 1983 to 1997 he worked for SINTEF as Section Head, Research Manager, Principal Research Scientist and Scientist. In 1997 he joined NTNU as Full Professor in the Computer and Information Science department, and in 2009 he was appointed Dean of Engineering Education. His main research interests are distributed systems, database systems and operating systems and he has more than 65 international research publications. From 2009 he is Chairman of the Executive Board for Engineering Education at NTNU, Chairman of the Board of Directors at UNIK, Vice President of the Board of Directors of TEKNA, Member of the Board of Directors for CESAER, and Member of the Executive Board for NORDTEK.



**Stephen N. Oesterle, M.D** is the Senior Vice President for Medicine and Technology at Medtronic. In this role he provides executive leadership for Medtronic scientific research, formation of technological strategies and continued development of strong cooperative relationships with the world's medical communities, technical universities, financial institutions and emerging medical device companies. Oesterle has served as Associate Professor of Medicine at the Harvard University Medical School and as Director of Invasive Cardiology Services at Massachusetts General Hospital, Boston. A teacher and innovator in the field of cardiac catheterization, he has also developed and directed interventional cardiology programs at Good Samaritan Hospital, Los Angeles; at Georgetown University; and at Stanford University.



**Ole Petter Ottersen** is President at the University of Oslo, Norway for the period 2009-2012. He has previously held positions at the University of Oslo as Professor of Medicine at the Institute of Basic Medical Sciences and Dean of Science at the Medical Faculty from 2000 to 2002. In 2002 he was appointed Director of Centre for Molecular Biology and Neuroscience. Ole Petter Ottersen was chairman of the board of FUGE (National Plan for Functional Genomics) from 2003 – 2007 and is coordinator of one of the three Nordic Centers of Excellence in Molecular Medicine (Centre for Research on Water Imbalance Related Disorders – WIRED). He has also coordinated the EU Biomed project GRIPANNT. Ole Petter Ottersen has served as expert adviser and evaluator for a number of research council institutions in Europe and USA. He has received several prizes including the Jahre prize and Lundbeckfondens Nordiske Forskerpris/Nordic Research Prize (shared with Prof. Jon Storm-Mathisen)



**Lois Quam** is an internationally recognized leader on the emerging green economy and health care. She is the founder and CEO of Tysvar, LLC, a business incubator focused on leveraging private sector solutions to climate change. Lois has appeared in Tom Friedman's recent book, *Hot, Flat and Crowded*, and was named by *Fortune* magazine as one of the 50 most powerful women in American business. From 2007 to 2009, Lois was leader of strategic investments at Piper Jaffray, a Minneapolis-based global investment bank, where she focused on investment opportunities in clean technology and renewable energy. Prior to joining Piper, Quam served as President and CEO of the \$30 billion Public and Senior Markets Segment at UnitedHealth Group, serving the health needs of more than 10 million older and low income Americans.



**Curt Rice** is a professor at the University of Tromsø. Rice does research in linguistics, generative grammar, morphology and phonology. He is also the director of a research center where they study variation in language.



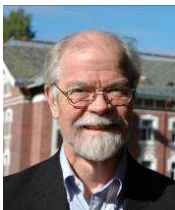
**Matthew Richey** is a Professor of Mathematics, Statistics, and Computer Science and the Associate Dean for the Faculty of Natural Science and Mathematics. Trained in mathematical physics, his current research interests focus primarily on computational applied mathematics. He is a PI on two National Science Foundation funded projects. He took his Ph.D from Dartmouth College in mathematics in 1985. He has served on numerous National Science Foundation review panels and has participated in numerous program reviews for mathematics departments. Since 2005 he has been a member of SciMathMN, a non-profit, statewide education and business coalition advocating for quality K-12 science, mathematics and technology education.



**Nils A. Røkke** holds a PhD in combustion engineering and worked up to 1997 in SINTEF as research manager combustion, then worked 4 years as Gas Turbine Design and Development Manager at Rolls Royce Marine then returned to SINTEF in 2002 as Vice President Gas Technologies and Director of the Gas Technology Centre NTNU-SINTEF. Co-ordinator of several CCS projects within CCS (DYNAMIS, DECARBit) member of ZEP Advisory Council and leader of the new BIGCCS Centre of Excellence within CCS awarded 2009 from the Research Council of Norway. He was recently appointed Vice President Climate Change Technologies of SINTEF.



**David W. Schindler** holds the Killam Memorial Chair and is Professor of Ecology in the Department of Biological Sciences at the University of Alberta. His work on lakes has been widely used in formulating policy internationally. He received his doctorate from Oxford University, where he studied as a Rhodes Scholar. He has served as President of the American Society of Limnology and Oceanography, and as Canadian National Representative to the International Limnological Society. He is the author of over 300 scientific publications. Schindler is a Fellow of the Royal Society of Canada, the Royal Society of London, a member of the U. S. National Academy of Sciences, and a foreign fellow of the Royal Swedish Academy of Engineering Sciences. He has received ten honorary doctorates from Canadian and US universities, including the University of Winnipeg.



**Judson Sheridan**, D.Phil., is currently emeritus Professor of Genetics, Cell Biology and Development, Director of International programs in the College of Biological Sciences and co-holder of the endowed Norwegian Centennial Interdisciplinary Chair at the University of Minnesota. He has spent his career in higher education as a faculty member, administrator, and researcher. A Rhodes Scholar, he earned a doctorate in neurophysiology at Oxford University in 1965. Following a research fellowship at Harvard Medical School, he joined the faculty of the University of Minnesota. While away from the University of Minnesota for several years, he

served as vice provost for research/graduate dean at the University of Missouri, academic vice president at the University of Maine, and executive director of the Graduate Record Exam (GRE) Programs for ETS. He has received several honours, including Hamline University Athletic Hall of Fame, NIH Career Development Award, Outstanding Young Men of America (1970), and Who's Who in America.



**Odd Jarle Skjelhaugen** holds a position as the Director of The Norwegian Centre for Bioenergy Research. The centre is owned by The Norwegian University of Life Sciences, The Norwegian Forest and Landscape Institute and The Norwegian Institute for Agricultural and Environmental Research, all located at Campus Ås. It was launched September 29, 2008. About 40 researchers are involved. The research areas are Bioheat, Biofuel, Biogas and Sustainable assessments. Skjelhaugen is also the Deputy Coordinator of Bioenergy Innovation Centre (CenBio), one of eight Norwegian Centres for Environment-friendly Energy Research. He was Director of Research at the Norwegian University of Life Sciences 2000-2008. He holds a scientific position as a professor of agricultural engineering.



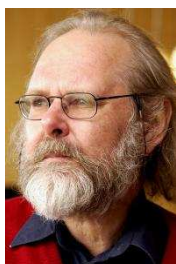
**Gary Smaby** serves as Managing Director and VC-in-Residence at the Carlson School of Management's Ventures Enterprise MBA program at the University of Minnesota. Following a ten-year entrepreneurial career, Smaby joined investment banking firm of Piper Jaffray in 1982 as vice-president and senior analyst to set up an emerging technology group. He has been widely quoted in national publications such as Wall Street Journal, New York Times, Fortune, and Business Week. Smaby has completed a six-year term on the Board of Trustees for the Science Museum of Minnesota, where he remains chair of the Investment Committee. He served for five years on the External Advisory Board for the Deep Computing Institute at IBM TJ Watson Research Laboratory. Mr. Smaby was also the 2003 President of the Minnesota Venture Capital Association. He is on the Board of Directors of several venture-financed start-ups.



**Dr. Ivar Sorensen** is the Managing Partner of the M&A Group, LLC, a boutique investment banking and advisory firm established in Minneapolis, Minnesota in 2000. The M&A Group provides business development and transactional advisory services to owners and executives of smaller to mid-sized businesses on a local, regional, national and international basis. The M&A Group's practice includes traditional M&A services both on the sell-side and buy-side, along with a wide range of business development services such as partnering, joint ventures, licensing, etc., all with heavy emphasis in the life sciences, environmental technology and processes and other knowledge based industries.



**Ola Stave** is Secretary General at the Norwegian Association of Higher Education Institutions. He is a Master of Science from NTNU – Norwegian University for Science and Technology. He was previously Director General at Oslo School of Architecture and Design, and head of Research at the Norwegian Building Research Institute. He has also been managing director of a private ICT company and has been working for the Norwegian Research Council. Stave is also a member of the advisory board for the two new positions at the Norwegian consulate in Minneapolis.



**Nils Chr. Stenseth** is Research Professor and Chair of CEES. He is also the Chief Scientist at the Institute of Marine Research. Stenseth's research interests span a broad spectrum of ecological and evolutionary topics, most of which are rooted in population biology. Most of Stenseth's work relates to basic issues. He is an ISI highly cited researcher, and had the January 2004 'hot paper' in ISI's Essential Science Indicators. Stenseth is also an elected member/fellow of the Norwegian Academy of Science and Letters, DNVA, the Royal Norwegian Society of Science and Letters, DKNVS, Academia Europaea, French Académie des Sciences and the Finnish Society of Sciences and Letters. He also does editorial work, and is Associated Editor of Proceedings of the Royal Society, Series B and Editor-in-Chief of Climate Research.



**Jon Storm-Mathisen** is professor of medicine at the centre for Molecular Biology and Neuroscience at the University of Oslo. Storm-Mathisen is included in the ISI Highly Cited Database. He has won several awards, among them are Voss' Award for Anatomical Research, Monrad Krohn's Prize for the Advancement of Neurological Research. He is elected to the Norwegian Academy of Science and Letters and got Fridtjof Nansen's Award in 2001 and Anders Jahre's Award for Medical Research in 2006.



**Wegger Chr. Strømmen** is the Norwegian Ambassador to the United States. He came to Washington, D.C. in 2007, after serving as Ambassador and Permanent Representative to the United Nations in Geneva since 2005. He was Norway's Deputy Permanent Representative to the UN in New York from 2002-2005, served on the Security Council during Norway's tenure from 2000-2002 and as Norway's Deputy Foreign Minister from 1999 - 2000. Ambassador Strømmen joined the Norwegian diplomatic service in 1984. Trained as an international lawyer, he practiced law in Norway and in New York.



**Lars Sørum** is Team Manager for the Bioenergy group, SINTEF Energy Research, Energy Processes. Sørum holds a Doctorate degree from NTNU in Mechanical Engineering, and was a Post Doc at Stanford University, Thermosciences Division. Sørum has experience with working on renewable energy and energy waste.



**David Tilman** is Regents' Professor and McKnight Presidential Chair in Ecology at the University of Minnesota. His research explores how to sustainably meet human needs for energy, food and ecosystem services. He is a member of the National Academy of Sciences, the American Academy of Arts and Sciences, and a J. S. Guggenheim Fellow. He is the recipient of the Ecological Society of America's Cooper Award and its MacArthur Award, the Botanical Society of America's Centennial Award and the Princeton Environmental Prize. He has written two books, edited three more, and published more than 200 scientific papers, including more than 30 in Science, Nature and the Proceedings of the National Academy of Sciences USA. For the past 18 years, the Institute for Scientific Information has ranked him as the world's most highly cited environmental scientist. In 2008, he received the International Prize for Biology.



**Tore Undeland** is since 1984 Professor in power electronics at the Dept. of Electric Power Engineering, NTNU, Trondheim, Norway. He has published more than 100 papers and is together with two professors from UMN coauthor of the textbook Power Electronics on Wiley & Sons. His research includes new converters for UPS, Induction heating, SMPS, PV, Wind and Wave energy. He was chairman for the EPE 97 conference in Trondheim and later on President of EPE. He is Fellow of IEEE. He is involved in the research and the management of the FME NOWITECH with budget for 25 PhD grants, the Norwegian Centre for Offshore Wind Energy. He chairs the International Relations Committee.



**Benson K. Whitney** was the US ambassador to Norway from 2006 to 2009. He was managing general partner of the Gideon Hixon Fund and former President of the Minnesota Venture Capital Association. Whitney was the Minnesota Executive Director and Minnesota Finance Chair for the Bush-Cheney 2004 presidential campaign. Ambassador Whitney's career has included extensive experience in business, law, and community affairs. Whitney practiced law with Popham, Haik, Schnobrich, and Kaufman Ltd. specializing in health care, cable television and other regulated industries as well as election law. Ambassador Whitney was elected President of the Minnesota Venture Capital Association and advised and managed several other venture funds. He has served as Chief Executive Officer of Whitney Management Company, a private investment advisory firm.



**Menno Witter** was born in The Netherlands in 1953. As a main result of his Ph.D at the VU University in Amsterdam, he published influential papers on the anatomy of the cortico-hippocampal system in 1989, which still are considered "classics" in the field. In these papers he proposed functional differentiation within both the hippocampus and parahippocampus, an issue which is now at the heart of some of the more promising research lines in the hippocampal field. Together with David Amaral, he initiated the launch of the journal *Hippocampus*, which, now being in its 19th year, is a major vehicle for communication among scientists in the field. In 2007 he joined the Centre for the Biology of Memory (CBM) and the Kavli Institute for Systems Neuroscience at the Norwegian University for Science and Technology (NTNU) in Trondheim. He is elected member of The Royal Norwegian Society of Sciences and Letters and of The Norwegian Academy of Science.



**Solveig Zempel** is Professor of Norwegian and Chair of the Norwegian Department at Saint Olaf College and currently holds the O.C. and Patricia Boldt Distinguished Teaching Chair in the Humanities. She served for six years as Associate Dean for Interdisciplinary and General Studies. She serves on the board of the Norwegian-American Historical Association and Nordmanns-Forbundet. She graduated from St. Olaf College in 1969 with a major in Norwegian and holds MA and PhD degrees in Scandinavian Languages and Literature from the University of Minnesota. Her publications include editing and translating *In Their Own Words: Letters from Norwegian Immigrants* as well as three works of O.E. Rølvaag, a novel entitled *The Third Life of Per Smevik*, a collection of short stories entitled *When the Wind is in the South and Other Stories*, and a collection of essays entitled *Concerning Our Heritage*.