

**UW Medicine School of Medicine
Science in Medicine Lecturers, 1993-Present**

Presenter Name	Lecture Type	Year	Department/Institution	Lecture Title
Francis S. Collins, M.D., Ph.D.	Annual	1993-94	Center for Human Genome Research/NIH	unknown
Russell Ross, Ph.D.	Distinguished Scientist	1993-94	Pathology	unknown
David Kimelman, Ph.D.	New Investigator	1993-94	Biochemistry	unknown
Janice S. Blum, Ph.D.	New Investigator	1993-94	Immunology	unknown
Michael W. Schwartz, M.D.	New Investigator	1993-94	Medicine	unknown
Alan Chait, M.D.	Science in Medicine	1993-94	Medicine	unknown
Christopher B. Wilson, M.D.	Science in Medicine	1993-94	Immunology and Pediatrics	unknown
Neil M. Nathanson, Ph.D.	Science in Medicine	1993-94	Pharmacology	unknown
Sheila A. Lukehart, Ph.D.	Science in Medicine	1993-94	Medicine, Infectious Diseases	unknown
Susan Ott Ralph, M.D.	Science in Medicine	1993-94	Medicine, Metabolism	unknown
Susan R. White, Ph.D.	WWAMI	1993-94	Washington State University	unknown
Harold E. Varmus, M.D.	Annual	1994-95	Director, NIH	unknown
Bertil Hille, Ph.D.	Distinguished Scientist	1994-95	Physiology and Biophysics	unknown
Julie Overbaugh, Ph.D.	New Investigator	1994-95	Microbiology	unknown

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Krzysztof Palczewski, Ph.D.	New Investigator	1994-95	Ophthalmology	unknown
Mark A. Kay, M.D., Ph.D.	New Investigator	1994-95	Medicine/Medical Genetics	unknown
Denise A. Galloway, Ph.D.	Science in Medicine	1994-95	Pathology/FHCRC	unknown
Joseph A. Beavo, Ph.D.	Science in Medicine	1994-95	Pharmacology	unknown
Kenneth Kaushansky, M.D.	Science in Medicine	1994-95	Medicine/Hematology	unknown
Mark Groudine, M.D., Ph.D.	Science in Medicine	1994-95	Radiation Oncology/FHCRC	unknown
Stephen Lory, Ph.D.	Science in Medicine	1994-95	Microbiology	unknown
Charles M. Paden, Ph.D.	WWAMI	1994-95	Montana State University	unknown
Joan A. Steitz, Ph.D.	Annual	1995-96	Yale University	unknown
Leland Hartwell, Ph.D.	Distinguished Scientist	1995-96	Genetics	unknown
David B. Lewis, M.D.	New Investigator	1995-96	Pediatrics and Immunology	unknown
Dennis M. Dacey, Ph.D.	New Investigator	1995-96	Biological Structure	unknown
Nora Disis, M.D.	New Investigator	1995-96	Medicine/Oncology	unknown
Beverly Torok-Storb, Ph.D.	Science in Medicine	1995-96	Medicine/FHCRC	unknown

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Brian J. Reid, M.D., Ph.D.	Science in Medicine	1995-96	Medicine/Gastroenterology	unknown
Gerald T. Nepom, M.D., Ph.D.	Science in Medicine	1995-96	Immunology/Virginia Mason Rsch Center	unknown
James M. Roberts, M.D., Ph.D.	Science in Medicine	1995-96	Biochemistry/FHCRC	unknown
Joan Kreiss, M.D., M.S.P.H.	Science in Medicine	1995-96	Medicine/AID and Epidemiology	unknown
Thomas Bird, M.D.	Science in Medicine	1995-96	Neurology and Medicine/Medical Genetics	unknown
Gregory A. Bohach, Ph.D.	WWAMI	1995-96	University of Idaho	unknown
Carla Shatz, Ph.D.	Annual	1996-97	UC Berkeley	unknown
Richard Palmiter, Ph.D.	Distinguished Scientist	1996-97	Biochemistry	unknown
David Russell, M.D., Ph.D.	New Investigator	1996-97	Medicine/Hematology	unknown
Ken Mackie, M.D.	New Investigator	1996-97	Anesthesiology	unknown
Mark Roth, M.D., Ph.D.	New Investigator	1996-97	FHCRC Division of Basic Sciences	unknown
Bonnie Ramsey, M.D.	Science in Medicine	1996-97	Pediatrics	unknown
Bruce Ransom, M.D., Ph.D.	Science in Medicine	1996-97	Neurology	unknown
Gerard Schellenberg, Ph.D.	Science in Medicine	1996-97	Medicine/Gerontology	unknown

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Mary-Claire King, Ph.D.	Science in Medicine	1996-97	Medicine/Medical Genetics	unknown
Maxine Linial, Ph.D.	Science in Medicine	1996-97	Microbiology/FHCRC	unknown
Rodney Croteau, Ph.D.	WWAMI	1996-97	Washington State University	unknown
Ian Wilson, Ph.D.	Annual	1997-98	Scripps Research Institute	unknown
Seymour Klebanoff, M.D., Ph.D.	Distinguished Scientist	1997-98	Medicine/Allergy and Infectious Disease	unknown
David Raible, Ph.D.	New Investigator	1997-98	Biological Structure	unknown
May Reed, M.D.	New Investigator	1997-98	Medicine/Gerontology	unknown
William Zagotta, Ph.D.	New Investigator	1997-98	Physiology and Biophysics	unknown
A. Dusty Miller, Ph.D.	Science in Medicine	1997-98	FHCRC/Pathology	unknown
Alan Aderem, Ph.D.	Science in Medicine	1997-98	Immunology	unknown
John Brunzell, M.D.	Science in Medicine	1997-98	Medicine/Metabolism	unknown
Stanley Fields, Ph.D.	Science in Medicine	1997-98	Medicine and Genetics	unknown
James Cutler, Ph.D.	WWAMI	1997-98	Montana State University	unknown
Bert Vogelstein, M.D.	Annual	1998-99	Johns Hopkins University	unknown

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Phillip A. Sharp, Ph.D.	Annual	1998-99	MIT	unknown
George Stamatoyannopoulos, M.D.	Distinguished Scientist	1998-99	Medicine/Medical Genetics	Canceled
Conrad Liles, M.D., Ph.D.	New Investigator	1998-99	Medicine	unknown
David Baker, Ph.D.	New Investigator	1998-99	Biochemistry	unknown
W. Conrad Liles, M.D., Ph.D.	New Investigator	1998-99	Medicine	unknown
Julie McElrath, M.D., Ph.D.	Science in Medicine	1998-99	Medicine/ID	unknown
Maynard Olson, Ph.D.	Science in Medicine	1998-99	Medicine and Genome Sciences	unknown
Robert Steiner, Ph.D.	Science in Medicine	1998-99	Obstetrics and Gynecology; Physiology and Biophysics	unknown
Samuel Miller, M.D.	Science in Medicine	1998-99	Microbiology/Med	unknown
Gerald Shields, Ph.D.	WWAMI	1998-99	University of Alaska, Fairbank	unknown
Daniel Porte Jr., M.D.	Distinguished Scientist	1999-00	Medicine	unknown
Ann E. Stapleton, M.D.	New Investigator	1999-00	Medicine; Allergy and Infectious Diseases	unknown
David R. Gretch, M.D., Ph.D.	New Investigator	1999-00	Laboratory Medicine	unknown
Effie W. Petersdorf, M.D.	New Investigator	1999-00	Oncology, FHCRC	unknown

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Raj P. Kapur, M.D., Ph.D.	New Investigator	1999-00	Pathology	unknown
Bruce M. Psaty, M.D., Ph.D., MPH	Science in Medicine	1999-00	Medicine/Epidemiology	unknown
Charles Chavkin, Ph.D.	Science in Medicine	1999-00	Pharmacology	unknown
James I. Mullins, Ph.D.	Science in Medicine	1999-00	Microbiology, FHCRC	unknown
Lawrence A. Loeb, M.D, Ph.D	Science in Medicine	1999-00	Pathology	unknown
Leonid Kruglyak, Ph.D.	Science in Medicine	1999-00	Human Biology, FHCRC	unknown
Richard S. Morrison, Ph.D.	Science in Medicine	1999-00	Neurological Surgery	unknown
Paul R. Wade, Ph.D.	WWAMI	1999-00	University of Wyoming	unknown
Earl W. Davie, Ph.D.	Distinguished Scientist	2000-01	Biochemistry	unknown
David Cummings, Ph.D.	New Investigator	2000-01	Medicine, Metabolism and Endocrinology	unknown
Jaisri Lingappa, Ph.D	New Investigator	2000-01	Pathobiology	unknown
Marshall Horwitz, M.D., Ph.D.	New Investigator	2000-01	Medicine, Medical Genetics	unknown
Alexander W. Clowes, M.D.	Science in Medicine	2000-01	Surgery	unknown
Buddy Ratner, Ph.D.	Science in Medicine	2000-01	Bioengineering and Chemical Engineering	unknown

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Rachel E. Kievit, Ph.D.	Science in Medicine	2000-01	Biomolecular Structure Center	unknown
Stephen J. Tapscott, M.D., Ph.D.	Science in Medicine	2000-01	Neurology;FHCRC	unknown
Frances B. Lefcort, Ph.D.	WWAMI	2000-02	Montana State University	unknown
Michael N. Shadlen, M.D., Ph.D.	New Investigator	2000-03	Physiology and Biophysics	unknown
George Martin, M.D., Ph.D.	Distinguished Scientist	2001-02	Pathology	Gene Action in the Pathobiology of Ageing
Andrew M. Scharenberg, M.D.	New Investigator	2001-02	Pediatrics	Magnesium Homeostasis and Dual Function Ion Channel/Protein Kinases
Charles E. Murry, M.D., Ph.D.	New Investigator	2001-02	Pathology	Repairing the infarcted heart: A holy grail for regenerative medicine
Matthias G. Stelzner, M.D.	New Investigator	2001-02	Surgery	Transplantation of Ileal Mucosal Stem Cells
Nicole Gibran, M.D., FACS	New Investigator	2001-02	Surgery	Making Sense of Wound Repair
Robert F. Hevner, M.D., Ph.D.	New Investigator	2001-02	Pathology	Building the cerebral cortex: neuron by neuron, layer by layer
Sandra Bajjalieh, Ph.D.	New Investigator	2001-02	Pharmacology	The Molecular Basis of Neurotransmitter Secretion
Thomas Hatsukami, M.D.	New Investigator	2001-02	Surgery	High resolution Magnetic Resonance Imaging of Human Atherosclerosis In Vivo
Alan Weiner, Ph.D.	Science in Medicine	2001-02	Biochemistry	Human Chromosome Fragility: Role of Cockayne Syndrome Group B protein (CSB) and p53
Michael W. Schwartz, M.D.	Science in Medicine	2001-02	Medicine and Metabolism, Endocrinology & Nutrition	Insulin, Leptin and the Hypothalamus: Key Components of the System Controlling Food Intake and Body Weight

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Randall T. Moon, Ph.D.	Science in Medicine	2001-02	Pharmacology	WNT Signaling Pathways in Development and Disease
Raymond J. Monnat, Jr., M.D.	Science in Medicine	2001-02	Pathology	Genetic Instability and Human Disease
Ronald V. Maier, M.D.	Science in Medicine	2001-02	Surgery	Evolution did not plan on survival in the ICU: The role of the Macrophage
Bert Boyer, Ph.D.	WWAMI	2001-02	University of Alaska, Institute of Arctic Biology	Obesity in Alaska: From hibernating ground squirrels to genetics in Eskimos
Helen M. Blau, Ph.D.	Annual	2002-03	Genetic Pharmacology	Stem Cells Within Adult Bone Marrow: Role in Tissue Repair
Marjorie Anderson, Ph.D.	Distinguished Scientist	2002-03	Rehabilitation Medicine	Listening to the Brain: What can it tell us about movement disorders?
Linda Wordeman, Ph.D.	Science in Medicine	2002-03	Physiology & Biophysics	Order from Chaos: Microtubule Dynamics and Chromosome Segregation
Nancy R. Temkin, Ph.D.	Science in Medicine	2002-03	Neurological Surgery & Biostatistics	Traumatic Brain Injury Outcome: Natural History and Acute Treatment Trials
Marcella A. McClure, Ph.D.	WWAMI	2002-03	Montana State University	Hunting for the Reverse Transcriptase Gene: The Bioinformatics of Retroviral Agents; Disease, Function and Evolution
Jennifer Linnincott-Schwartz, Ph.D.	Annual	2003-04	NICHHD/NIH	Insights into Cell Compartmentalization and Protein Transport using GFP Technology
Anita Hendrickson, Ph.D.	Distinguished Scientist	2003-04	Biological Structure	Here's Looking at You: The Development of the Human Retina
David Koelle, M.D.	New Investigator	2003-04	Medicine, Division of Allergy & Infectious Diseases	Home sweet home: Glycosylated Skin-homing Molecules and other Strategies used by the T-cell response to Genital Herpes
Jonathan Drachman, M.D.	New Investigator	2003-04	Medicine, Division of Hematology	Src Kinases in Megakaryocyte Development
Lalita Ramakrishnan, M.D.	New Investigator	2003-04	Microbiology and Medicine	Tuberculosis: Real time visualization of host-pathogen interactions using a zebra fish model

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Michael S. Mulligan, M.D.	New Investigator	2003-04	Surgery	The Role of Calcineurin in Lung Reperfusion Injury
James F. Brinkley, M.D., Ph.D.	Science in Medicine	2003-04	Biological Structure, Medical Education and Biomedical Informatics	Structural Informatics and its Applications in Medicine and Biology
John Neumaier, M.D., Ph.D.	Science in Medicine	2003-04	Psychiatry & Behavioral Science	Sorting Out Serotonin Using Viral Gene Transfer
Thomas Bird, M.D.	Science in Medicine	2003-04	Neurology & Medical Genetics	Clinical Neurogenetics: A 30 Year Adventure with Genes, Brains and Nerves
W. Sue Ritter, Ph.D.	WWAMI	2003-04	Washington State University	Feeding Your Hungry Brain
Susan Lee Lindquist, Ph.D.	Annual	2004-05	MIT - Biomedical Research	The Amazing Biology of Prion Proteins
Joseph A. Beavo, Ph.D.	Distinguished Scientist	2004-05	Pharmacology	Phosphodiesterases: From lab bench to bedside
Albert La Spada, M.D., Ph.D.	New Investigator	2004-05	Laboratory Medicine	Deconstructing Polyglutamine Neurodegeneration: A tale of Two Repeat Diseases
Leo Pallanack, Ph.D.	New Investigator	2004-05	Genome Sciences	What Can Fruit Flies tell us about Parkinson's Disease?
Ram Samudrala, Ph.D.	New Investigator	2004-05	Computational Genomics & Microbiology	Modeling Proteomes
David Baker, Ph.D.	Science in Medicine	2004-05	Biochemistry	Prediction and Design of Macromolecular Structures, Interactions, and Functions
Jay H. Heinecke, M.D.	Science in Medicine	2004-05	Medicine/Metabolism, Endocrinology & Nutrition	Lipoprotein Oxidation in Atherogenesis: The Good, the Bad or the Ugly?
Peter H. Byers, M.D.	Science in Medicine	2004-05	Pathology	Chaos out of Order: Splicing and Mosaicism in Genetic Collagen Disorders
Donald Knowles, Ph.D.	WWAMI	2004-05	Washington State University	Prion Diseases of Domestic Animals: Are only the cows Mad?

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Cynthia Kenyon, Ph.D.	Annual	2005-06	Neuroscience, University of California at San Francisco	From worms to mammals: A regulatory network that controls the aging process
Lawrence Loeb, Ph.D., M.D.	Distinguished Scientist	2005-06	Pathology	Random Mutations in Human Cancers: Origin and Consequences
Luis F. Santana, Ph.D.	New Investigator	2005-06	Physiology and Biophysics	Transcriptional Control of Cardiac and Vascular Smooth Muscle Excitation During Heart Failure and Hypertension
Philip J. Horner, Ph.D.	New Investigator	2005-06	Neurological Surgery	Stem cells and spinal cord repair: You cannot fool mother niche!
Diana Cardenas, M.D., MHA	Science in Medicine	2005-06	Rehabilitation Medicine	Clinical Trials after Spinal Cord Injury: Impacting Secondary Conditions
Joan M. Goverman, Ph.D.	Science in Medicine	2005-06	Immunology and Genome Sciences	New Animal Models of Multiple Sclerosis
John Harlan, M.D.	Science in Medicine	2005-06	Hematology;Oncology	Damage Control: Limiting Tissue Injury in Inflammation
Robert Waterston, Ph.D.	Science in Medicine	2005-06	Genome Sciences	Automated gene expression analysis at single cell resolution in the nematode C. elegans
Thom Hughes, Ph.D.	WWAMI	2005-06	Montana State University	Using the Jelly Fish Green Fluorescent to Study the Brain
Richard Boucher, M.D.	Annual	2006-07	Cystic Fibrosis;Pulmonary Research Treatment Center,Chapel Hill	unknown
Wim G.J. Hol, Ph.D.	Distinguished Scientist	2006-07	Biochemistry and Biological Structure	unknown
Jane Sullivan, Ph.D.	New Investigator	2006-07	Physiology & Biophysics	What goes wrong at Synapses with Alzheimer's Disease
Suzie Pun, Ph.D.	New Investigator	2006-07	Bioengineering	Synthetic Gene Vectors: Molecular tools for Biological Research and delivery vehicles for Medical intervention
Theresa A. Brentnall, M.D.	New Investigator	2006-07	Medicine, Division of Gastroenterology	unknown

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Cecilia Giachelli, Ph.D.	Science in Medicine	2006-07	Bioengineering	Chipping Away at the Mysteries of Vascular Calcification
Samuel Miller, M.D.	Science in Medicine	2006-07	Medicine and Microbiology	Bacterial Interactions with Innate Immunity
William Parks, Ph.D.	Science in Medicine	2006-07	Medicine, Division of Pulmonary and Critical Care Medicine	Proteolytic Pathways in Immunity
Guy H. Palmer, DVM, Ph.D.	WWAMI	2006-07	Washington State University	Antigenic Variation as a driver for Pathogen Emergence and Disease Outbreak
Peter K Vogt, Ph.D.	Annual	2007-08	Molecular and Experimental Medicine, Scripps Research Institute	PI 3-Kinase in Cancer
Randall T. Moon, Ph.D.	Distinguished Scientist	2007-08	Pharmacology/HHMI/ISCRM	Wnt Signaling in Regeneration and Regenerative Medicine
Ning Zheng, Ph.D.	New Investigator	2007-08	Pharmacology	Protein Ubiquitination: From Plant to Biology to Human Diseases
Wendy Thomas, Ph.D.	New Investigator	2007-08	Bioengineering	How Mechanical Forces Activate a Nanoadhesive
Alexander Rudensky, Ph.D.	Science in Medicine	2007-08	Immunology;HHMI	Cellular Mechanism of Immune Homeostasis
C.H. Bombardier, Ph.D. and J.R. Fann, M.D.	Science in Medicine	2007-08	Rehabilitation Medicine;Psychiatry	Nervous Breakdown: Depression in Neurological Conditions
Joann Elmore, M.D.	Science in Medicine	2007-08	Epidemiology;General Internal Med	Trade-offs in Breast Cancer Screening: The Good, the Bad, and the Unexpected
Richard Palmiter, Ph.D.	Science in Medicine	2007-08	Biochemistry; Genome Sciences	Transgenic Legacy
Brian McMahon, M.D.	WWAMI	2007-08	Alaska Native Medical Center	The Epidemiology, Clinical Outcome, Prevention and Treatment of Hepatitis A, B, C and Other Liver Diseases in Alaska Natives
Elizabeth H. Blackburn, Ph.D.	Annual	2008-09	Biochemistry and Biophysics	Roles of telomeres and telomerase in human health and disease

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William Catterall, Ph.D.	Distinguished Scientist	2008-09	Pharmacology	Ion Channels, Electrical Signaling, and Synaptic Plasticity in the Brain
Jay Shendure, Ph.D.	New Investigator	2008-09	Genome Sciences	Sequencing and Interpreting a Multitude of Human Genomes
Tueng T Shen, M.D., Ph.D.	New Investigator	2008-09	Ophthalmology	Window of Opportunity: Artificial Cornea Development for the Treatment of Global Blindness
Adrienne L Fairhall, Ph.D.	Science in Medicine	2008-09	Physiology and Biophysics	Representing a Complex World: How Neurons Encode Information
Brad T Cookson, M.D., Ph.D.	Science in Medicine	2008-09	Laboratory Medicine; Microbiology	Pyroptosis: Where Cell Death Meets Inflammation
Nephi Stella, Ph.D.	Science in Medicine	2008-09	Pharmacology; Psychiatry	Improving Clinical Cannabis: Target the 2nd Endocannabinoid
Sandra Juul, M.D.	Science in Medicine	2008-09	Pediatrics	Epo Neuroprotection: From Bench to Bedside
Mark Jutila, Ph.D.	WWAMI	2008-09	Montana State University	Unique effects of dietary procyanidins and polysaccharides on lymphocytes of the innate immune system
Daniel Masys, M.D.	Annual	2009-10	Medicine; Bioinformatics, Vanderbilt University	Genome-Phenome correlation using healthcare-derived biospecimens and phenotypes derived from Electronic Medical Records
Christopher Wilson, M.D.	Distinguished Scientist	2009-10	Immunology and Pediatrics	Immunity to Infection - from Newborn to the Nucleus and Back
Charles L. Asbury, Ph.D.	New Investigator	2009-10	Physiology and Biophysics	New Strategies for Uncovering How Chromosomes are Moved during Cell Division
Matt Kaeberlein, Ph.D.	New Investigator	2009-10	Pathology	Molecular Mechanisms Linking Diet, Disease, and Aging
David A. Mankoff, M.D., Ph.D.	Science in Medicine	2009-10	Radiology (Nuclear Medicine) and Bioengineering	Molecular Imaging of Breast Cancer: Insights Into In Vivo Cancer Biology
E. Peter Greenberg, M.D., Ph.D.	Science in Medicine	2009-10	Microbiology	Social Life of Bacteria

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Grace John Stewart, M.D., Ph.D.	Science in Medicine	2009-10	Allergy and Infectious Disease, Medicine and Global Health	Mother-to-Child Transmission of HIV-1: From Discovery to Delivery
Thomas J. Montine, M.D., Ph.D.	Science in Medicine	2009-10	Pathology and Neurological Surgery	Therapeutic Targets in Dementia
James M. Krueger, Ph.D.	WWAMI	2009-10	Medical Sciences, WSU	The ATK-Cytokine-Adenosine Hypothesis for Sleep Regulation and Brain Organization of Sleep
Arya Sharma, M.D., Ph.D. FRCPC	Annual	2010-11	Medicine	Etiological Framework for the Assessment and Management of Obesity
Benjamin Hall, Ph.D.	Distinguished Scientist	2010-11	Medicine/Allergy & Infectious Diseases	How Hepatitis B met Saccharomyces: Consequences after 30 years
Greg Morton, Ph.D.	New Investigator	2010-11	MTE MED	Diabetes pathogenesis and treatment.
Richard Gardner, Ph.D.	New Investigator	2010-11	Pharmacology	Protein quality control in the nucleus of eukaryotic cells.
Tamir Gonen, Ph.D.	New Investigator	2010-11	Biochemistry	Cryo electron Microscopy (cryo EM) and structure determination of membrane channels
Anna Wald, Ph.D.	Science in Medicine	2010-11	Allergy MED	Genital herpes -- its impact on public health and HIV infectivity.
David Patterson, Ph.D	Science in Medicine	2010-11	REHAB	Pain management, especially after burn injuries. Research examines use of hypnosis and virtual reality in pain management.
Tom Hawn, M.D., Ph.D.	Science in Medicine	2010-11	Allergy MED	Tuberculosis (from zebra fish to a genetic lesion in humans leading to increased TB risk)
James Allen, Ph.D.	WWAMI	2010-11	U of Alaska Fairbanks	Cultural Intervention for Youth in Yup'ik Communities in Alaska: Building Prevention through Collaborative Field Based Research
William Langston, Ph.D.	Annual	2011-12	Founder of the Parkinson's Institute	Changing Concepts of Parkinson Disease
Julie Overbaugh, Ph.D.	Distinguished Scientist	2011-12	Fred Hutchinson Cancer Research Center	Deciphering the biology of HIV transmission: A basic scientist's journey into interdisciplinary, international HIV research

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Mark M. Wurfel, M.D., Ph.D.	New Investigator	2011-12	Division of Pulmonary and Critical Care Medicine	Probing the genome to understand susceptibility to acute organ failure and death in the critically ill
Tracy Jirikowic, Ph.D., OTR/L	New Investigator	2011-12	Rehab Medicine	Biobehavioral Perspectives on the Effects of Prenatal Alcohol Exposure on Children's Development
Christine Disteché, Ph.D.	Science in Medicine	2011-12	Pathology	XY Males and XX females: The epigenetics of dosage compensation in mammals
Gail Jarvik, M.D., Ph.D.	Science in Medicine	2011-12	Genome Sciences	Genomics meets clinical medicine
Kelly Lee, Ph.D.	Science in Medicine	2011-12	Medicinal Chemistry	Capturing Snapshots of the Cell Invasion Machinery of Influenza Virus and HIV
Wesley Van Voorhis, Ph.D.	Science in Medicine	2011-12	AID, Global Health and Microbiology	Protect the Mosquitoes? New Strategy for Malaria Eradication
Hermann Schatzl, M.D.	WWAMI	2011-12	U of Wyoming	Prion infections: From molecular biology towards therapy and prophylaxis
Charles Czeisler, M.D., Ph.D	Annual	2012-13	Division of Sleep Medicine, Harvard	The Sleep Gap: Why is it Growing?
Rainer Storb, M.D	Distinguished Scientist	2012-13	Fred Hutchinson Cancer Research Center	Marrow Stem Cell Transplantation: Five Decades and Hundreds of Trainees from >50 Countries to get it Right
Greg Horwitz, Ph.D.	New Investigator	2012-13	Physiology and Biophysics	Exploring primary visual cortex with new techniques: isoresponse surface measurements and optogenetics
Jared Baeten, M.D., Ph.D.	New Investigator	2012-13	Global Health and Medicine	New strategies for HIV prevention in Africa: envisioning the end of AIDS
Jesse D. Bloom, Ph.D.	New Investigator	2012-13	Fred Hutchinson Cancer Research Center; Genome Sciences,	Molecular dissection of an influenza evolutionary pathway
Frederick S. Buckner, M.D	Science in Medicine	2012-13	Medicine	Drug discovery in academia for neglected tropical diseases
Hannele Ruohola-Baker, Ph.D.	Science in Medicine	2012-13	Biochemistry	Regulation of Stem Cell State by S1P, Hypoxia and MicroRNAs

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Sharona Gordon, Ph.D.	Science in Medicine	2012-13	Physiology and Biophysics	No gain, no pain: tuning TRPV1 ion channels to respond to noxious stimuli
Terry McElwain, D.V.M., Ph.D.	WWAMI	2012-13	Washington State University	Addressing Global Health at the Human-Animal Interface
Mitchell Lazar, M.D., Ph.D.	Annual	2013-14	Perelman School of Medicine, University of Pennsylvania	Integrating Metabolism Around the Clock
Fred Appelbaum, M.D.	Distinguished Scientist	2013-14	Fred Hutchinson Cancer Research Center, Seattle Cancer Care Alliance	AML – Lessons from the Clinic
Houra Merrick, Ph.D.	New Investigator	2013-14	Microbiology	An Accident Waiting to Happen: How Replication-Transcription Conflicts Impact the Genome and Evolution of Bacteria
Heather Mefford, M.D., Ph.D.	New Investigator	2013-14	Pediatrics	Epilepsy Genetics: A New Era of Gene Discovery
Joshua Akey, Ph.D.	Science in Medicine	2013-14	Genome Sciences	Adventures in Recent Human Evolution Told by Massively Large Catalogs of Human Genetic Variation
Jonathan Himmelfarb, M.D.	Science in Medicine	2013-14	Nephrology, Kidney Research Institute	Kidney Disease and the Public Health: Problems, Progress and Prospects
Caroline Harwood, Ph.D.	Science in Medicine	2013-14	Microbiology	How do bacteria sense surfaces
Russell Van Gelder, M.D., Ph.D.	Science in Medicine	2013-14	Ophthalmology	More Than Meets the Eye: New Retinal Photoreceptors, and the Promise of Vision Restoration
Michael Kavanaugh, Ph.D.	WWAMI	2013-14	Center for Structural and Functional Neuroscience, U of Montana	Rethinking the Role of Glutamate Transport in the Brain
George Church, Ph.D.	Annual	2014-15	Genetics, Harvard	Radical Reprogramming of Organs, Organisms and Ecosystems
John D. Scott, Ph.D.	Distinguished Scientist	2014-15	Pharmacology	Guiding Signals Through Anchored Enzyme Complexes
Michael Laflamme, M.D., Ph.D.	New Investigator	2014-15	Pathology	Electrical Maturation and Integration of Stem Cell-Derived Cardiomyocytes

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Presenter Name	Lecture Type	Year	Department/Institution	Lecture Title
Beth Buffalo, Ph.D	New Investigator	2014-15	Physiology and Biophysics	Neural Signals for Exploration and Navigation in the Medial Temporal Lobe
Susan Ferguson, Ph.D	New Investigator	2014-15	Psychiatry and Behavioral Sciences	Deconstructing the Neural Circuits that Regulate Addiction and Decision-Making
Michael Gale Jr., Ph.D.	Science in Medicine	2014-15	Immunology	Antiviral Innate Immunity and Protection against RNA viruses
Joan Sanders, Ph.D.	Science in Medicine	2014-15	Bioengineering	Using Measurement of Residual Limb Fluid Volume to Enhance Prosthetic Socket Fit
John Stamatoyannopoulos, M.D.	Science in Medicine	2014-15	Genome Sciences	Decoding the Human Genome
Renee Reijo Pera, Ph.D.	WWAMI	2014-15	Cell Biology and Neuroscience, Montana State	Stem Cells in Human Development and Disease
Benjamin Cravatt, Ph.D.	Annual	2015-16	Scripps Research Institute, Chemical Physiology	Activity-based Proteomics – Applications for Protein and Ligand Discovery
Rachel Klevit, Ph.D.	Distinguished Scientist	2015-16	Biochemistry	Structural, Functional, and Mechanistic Diversity in Protein Ubiquitylation
Larry Zweifel, Ph.D.	New Investigator	2015-16	Pharmacology and Psychiatry & Behavioral Sciences	Complexity and Diversity in Dopamine Systems of the Brain: Implications for Health and Disease
Kim Woodrow, Ph.D.	New Investigator	2015-16	Bioengineering	Polymeric Delivery Systems for the Combination Delivery of Antiretroviral Drugs Against HIV
Susan Collins, Ph.D.	New Investigator	2015-16	Psychiatry and Behavioral Sciences	Meeting People Where They're At: Community-based Harm Reduction Treatment for Alcohol Use Disorders
Stanley McKnight, Ph.D.	Science in Medicine	2015-16	Pharmacology	Regulation of Neuronal Circuits by the cAMP-Dependent Protein Kinase Pathway
Fred Rieke, Ph.D.	Science in Medicine	2015-16	Physiology and Biophysics	Retinal Encoding of Natural Images
Nancy Maizels, Ph.D.	Science in Medicine	2015-16	Immunology	Targeting Gene Therapy to DNA Nicks

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Presenter Name	Lecture Type	Year	Department/Institution	Lecture Title
Colin Studholme, Ph.D.	Science in Medicine	2015-16	Pediatrics and Bioengineering	Mapping Living Human Brain Structure and Function Before Birth
C. Jeff Woodbury, Ph.D.	WWAMI	2015-16	U of Wyoming, Zoology & Physiology	Towards a Mechanistic Understanding of the Senses of Touch and Pain
Helen Lu, Ph.D.	Annual	2016-17	Biomedical Engineering, Columbia University	Engineering Tissue Connectivity via Interface Tissue Engineering
Marie Claire King, Ph.D.	Distinguished Scientist	2016-17	Genome Sciences	INHERITED BREAST AND OVARIAN CANCER: FROM GENE DISCOVERY TO PRECISION MEDICINE AND PUBLIC HEALTH
Justin Kollman, Ph.D.	New Investigator	2016-17	Biochemistry	The Structure and Function of Metabolic Enzyme Filaments
Ellen McGough, PT, Ph.D.	New Investigator	2016-17	Rehabilitation Medicine	Promoting Brain Health in Older Adults
Shao-En Ong, Ph.D.	New Investigator	2016-17	Pharmacology and Molecular Cellular Biology	Kinome Analyses in Cancer
Patrick Stayton, Ph.D.	Science in Medicine	2016-17	Bioengineering	Molecular Bioengineering of Biologic Drug Therapies
Valerie Daggett, Ph.D.	Science in Medicine	2016-17	Bioengineering	Dynameomics: From Simulation of All Protein Folds to the Design of Amyloid Inhibitors and Diagnostics
Hans-Peter Kiem, Ph.D.	Science in Medicine	2016-17	Fred Hutch Gene and Cell Therapy/ UW Oncology & Patho	Evolving approaches to hematopoietic (blood) stem cell gene therapy
Craig McGowan, Ph.D	WWAMI	2016-17	University of Idaho, Biology Dept	Comparative approaches to musculoskeletal biomechanics: Locomotion in humans and other animals"
Rebecca Richards-Kortum, Ph.D	Annual	2017-18	Rice University, Bioengineering	
Bertil Hille, Ph.D.	Distinguished Scientist	2017-18	Physiology and Biophysics	G-Protein coupled receptors and membrane phosphoinositide dynamics modulate neuronal excitability
Andrew Hsieh, M.D.	New Investigator	2017-18	Medical Oncology, & Fred Hutch	Protein synthesis control in cancer etiology and therapeutics

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Presenter Name	Lecture Type	Year	Department/Institution	Lecture Title
Kym Ahrens, M.D., MPH	New Investigator	2017-18	Pediatrics, Adolescent Medicine	Adolescents and young adults in foster care: Using mixed methods research to improve outcomes for a vulnerable population.
Brian Shirts, M.D., Ph.D.	New Investigator	2017-18	Laboratory Medicine	Extreme Personalized Medicine: Building Understanding of Family Specific-Variation
Linda Wordeman, Ph.D.	Science in Medicine	2017-18	Physiology and Biophysics	The curious intersection between dna repair and microtubule dynamics
Martin (Casey) Childers, DO, Ph.D.	Science in Medicine	2017-18	Regenerative Medicine	AN UNEXPECTED PATH FROM THE LABORATORY TO THE CLINIC: A DOG'S STORY
Rachel Wong, Ph.D.	Science in Medicine	2017-18	Biological Structure	Assembling precise neuronal wiring patterns in the healthy and diseased eye.