

Historical Summary of DERC NIH P&F Awards

Years	Recipient <i>Faculty Position at Time of Award</i>	University of Washington Department	Title of DERC Pilot & Feasibility Award Project	Subsequent Grant Funding	Career Outcomes and Current Activity in Diabetes/Endocrinology Research
1977	P. Smith, Ph.D. <i>Research Assistant Professor</i>	Biological Structure	Hypothalamic Regulation of Pancreatic Islet Mass	NIH RO1	Professor, Syracuse University Active in diabetes/endocrinology research
1977-1978	A. Weinstein, Ph.D. <i>Research Assistant Professor</i>	Medicine/Metabolism	Producing Antibodies to Catecholamines	Not Pursued	Retired
1977-1978	A. Chait, M.D. <i>Assistant Professor</i>	Medicine/Metabolism	Effect of Insulin on Catabolism of Low Density Lipoprotein by Cultured Cells	NIH RO1 SERCA	Professor, University of Washington Active in diabetes/endocrinology research
1977-1978	K. Hwang, Ph.D. <i>Assistant Professor</i>	Pharmacy	A Fundamental Study on Oral Administration of Liposome-Encapsulated Insulin	NIH RO1	Professor, Chonbuk National University, Korea Active in diabetes/endocrinology research
1978-1979	W. Kerrick, Ph.D. <i>Assistant Professor</i>	Physiology & Biophysics	Insulin: Intracellular Effect on Ca ²⁺ and Phosphorylation in Skeletal Muscle	NIH RO1	Professor, Univ. Miami Active in diabetes/endocrinology research
1978-1979	W. Giles, Ph.D. <i>Research Assistant Professor</i>	Pediatrics	Effects on Insulin on Ion Movements in Cardiac Muscle	NIH RO1	Professor, Univ. Calgary Active in diabetes/endocrinology research
1979-1980	D. Baskin, Ph.D. <i>Research Assistant Professor</i>	Medicine/Metabolism	Localization of Insulin and Insulin Receptors in the Rat Brain	NIH RO1 VA Merit Review	Research Professor, University of Washington Senior Research Career Scientist, VAMC Active in diabetes/endocrinology research
1979-1980	J. Li, Ph.D. <i>Research Assistant Professor</i>	Medicine/Metabolism	Effects of Glucose, Insulin and Ketone Bodies on Placental Hormone	NIH RO1 (R. Knopp, PI)	Research Scientist, Beijing, China
1980-1981	L. Huntsman, Ph.D. <i>Associate Professor</i>	Bioengineering	Insulin Effects on Myocardial Mechanics	Not Pursued	Professor and President of the University of Washington Director, Washington State Life Sciences Discovery Fund
1981-1982	D. Cook, M.D., Ph.D. <i>Assistant Professor</i>	Medicine/Metabolism	Islet Cell Electrical Activity and Insulin Release	NIH RO1 NSF	Professor, University of Washington Active in diabetes/endocrinology research
1982-1983	A. Chait, M.D. <i>Associate Professor</i>	Medicine/Metabolism	Monocyte Chemotaxis in Diabetes	NIH RO1 NIH RCDA	Professor, University of Washington Active in diabetes/endocrinology research
1982-1983	T. Benedetti, M.D. <i>Assistant Professor</i>	OB/GYN	Metabolic Effects of Caloric Restriction in Gestational Diabetes	NIH RO1	Professor, University of Washington Active in diabetes/endocrinology research
1982-1983	R. Pecoraro, M.D. <i>Associate Professor</i>	Medicine/Metabolism	Biomedical Testing and Psychosocial Factors in NIDDM	VA Merit Review	Professor, University of Washington Deceased
1984-1984	A. Farr, Ph.D. <i>Assistant Professor</i>	Biological Structure	Cellular Immunity in Murine Streptozotocin-Induced Diabetes	NIH RO1	Research Professor, University of Washington Active in diabetes/endocrinology research

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1984-1985	P. Toothman, Ph.D. <i>Research Assistant Professor</i>	Medicine/ Metabolism	A Test for the Expression of the Human Growth Hormone Variant Gene	NIH RO1 First Award	Scientist, Institute of Medical Biology, University of Tromso, Norway Retired
1986-1987	D. Figlewicz Lattemann, Ph.D. <i>Research Assistant Professor</i>	Psychology	Brain Insulin Action in the Lean and Obese Zucker Rats	VA Merit Review NIH R01	Professor of Psychiatry, University of Washington Active in diabetes/endocrinology research
1986-1987	S. McKnight, Ph.D. <i>Professor</i>	Pharmacology	The Role of cAMP in Gluconeogenesis	NIH PO1	Professor, University of Washington Active in diabetes/endocrinology research
1988-1990	D. Pious, M.D. <i>Associate Professor</i>	Pediatrics	Molecular Immunology of Diabetes (IDDM)	AHA Award R01	Professor, University of Washington Deceased
1991-1992	S. Weigle, M.D. <i>Associate Professor</i>	Medicine/ Metabolism	Genetics and Physiology of Body Fat Regulation	NIH K24 NIH R01	Professor, University of Washington Active in diabetes/endocrinology research
1991-1992	T. Easterling, M.D. <i>Assistant Professor</i>	OB-GYN	Pre-Eclampsia: A Primate Model	NSF R01	Professor, University of Washington Active in diabetes/endocrinology research
1992-1993	L. Pagliaro, Ph.D. <i>Assistant Professor</i>	Bioengineering	Glycolytic Enzyme Organization in Diabetic Cells	NIH RO1 First Award	Fisher Bio/Imaging, Denmark
1993-1994	M. Schwartz, M.D. <i>Assistant Professor</i>	Medicine/ Metabolism	Insulin Regulation of the Human Neuropeptide Y Promoter	ADA NIH R01	Professor, University of Washington Active in diabetes/endocrinology research
1993-1994	C. Greenbaum, M.D. <i>Assistant Professor</i>	Medicine/ Metabolism	Detection of Activated T-cells as Markers for Pancreatic Insulinitis	JDF	Clinical Associate Professor, University of Washington Director, Diabetes Clinical Research Center, Benaroya Research Institute Active in diabetes/endocrinology research
1993-1995	W. Spain, M.D. <i>Associate Professor</i>	Neurology	Mechanisms of Action of Insulin on Cortical Neurons	NIH CAP	Professor, University of Washington
1993-1995	W. Hagopian, M.D., Ph.D. <i>Assistant Professor</i>	Medicine/ Metabolism	Beta Cell Illness as a Prerequisite to Autoimmunity in Type 1 Diabetes	NIH U01	Principal Scientist, Pacific Northwest Research Institute Clinical Associate Professor, University of Washington Active in diabetes/endocrinology research
1994-1996	M. Deeg, M.D., Ph.D. <i>Assistant Professor</i>	Medicine/ Metabolism	Regulation of Islet Glycosylphosphatidylinositol-Specific Phospholipase D	VA Merit Review	Associate Professor, University of Indiana Active in diabetes/endocrinology research
1994-1996	D. Andress, M.D. <i>Associate Professor</i>	Medicine/ Nephrology	Insulin-like Growth Factor Binding Protein Expression in the Diabetic Kidney	NIH RO1	Professor, University of Washington Active in diabetes/endocrinology research
1995-1997	S. Craft, Ph.D. <i>Assistant Professor</i>	Psychiatry & Behavioral Science	Cognitive Function and Insulin Insensitivity in Impaired Glucose Tolerance	NIH RO1	Professor, University of Washington Active in diabetes/endocrinology research

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1995-1997	R. Idzerda, Ph.D. <i>Research Assistant Professor</i>	Pharmacology	Fat Regulation in PKA-IIbeta-Gene Disrupted Mice	JDRF	Retired
1995-1997	L. Gaur, Ph.D. <i>Assistant Professor</i>	Pathobiology	IDDM in Macaques: An Experimental Primate Model for Autoimmune Diabetes	NIH RO1	Research Scientist, WA National Primate Research Center Affiliate Associate Professor, University of Washington Active in diabetes/endocrinology research
1997-1999	K. Bornfeldt, Ph.D. <i>Assistant Professor</i>	Pathology	Insulin-Stimulated Signaling Regulates Hepatic IFG-I and IGF Binding Protein-1	NIH RO1	Associate Professor, University of Washington Active in diabetes/endocrinology research
1997-1999	M. Corson, M.D. <i>Assistant Professor</i>	Medicine/ Cardiology	Matrix Glycation and Endothelial Function	NIH RO1	Associate Professor, University of Washington Active in diabetes/endocrinology research
1997-1999	W. Osborne, Ph.D. <i>Associate Professor</i>	Pediatrics	Gene Therapy for Diabetes Treatment (NIDDK Enhanced P&F)	NIH R01	Professor, University of Washington Active in diabetes/endocrinology research
1999-2001	D. Koh, Ph.D. <i>Research Assistant Professor</i>	Physiology & Biophysics	Role of Protein Kinases in Insulin Secretion	Support pending	Research Associate Professor Active in diabetes/endocrinology research
1999-2001	N. Andersen, Ph.D. <i>Professor</i>	Chemistry	Engineering Better Leptins	Support pending	Professor, University of Washington
2001-2002	J. Callis, Ph.D. <i>Professor</i>	Chemistry	The Islet Hospital: A Device for Non-Invasive Assessment and Purification of Human Islets <i>(NIDDK Supplemental P&F Award)</i>	NIH R01 (I. Sweet, PI)	Professor, University of Washington Active in diabetes/endocrinology research
2001-2002	W. Osborne, Ph.D. <i>Associate Professor</i>	Pediatrics	Glucose Regulated Insulin Delivery in a Primate Model of Type 1 Diabetes <i>(NIDDK Supplemental P&F Award)</i>	NIH R01	Professor, University of Washington Active in diabetes/endocrinology research
2001-2002	A. Rudensky, Ph.D. <i>Associate Professor</i>	Immunology	Role of Cathepsins S, L, and B in Type 1 Diabetes <i>(NIDDK Supplemental P&F Award)</i>	NIH R21 NIH R01	Professor, University of Washington Active in diabetes/endocrinology research
2001-2002	J. Ruzicka, Ph.D. <i>Professor</i>	Chemistry	Micro-Sequential Injection for Biologand Interaction Assays Aimed at GAD65 Auto-Antibody Binding	NIH R01	Professor, University of Washington Active in diabetes/endocrinology research
2001-2003	A. Scharenberg, M.D. <i>Assistant Professor</i>	Pediatrics	Analysis of the Role of LTRPC2 in Pancreatic B-Cell Function	NIH R01	Associate Professor, University of Washington Active in diabetes/endocrinology research
2001-2003	L. Quinn, Ph.D. <i>Research Assistant Professor</i>	Medicine/ Geriatrics	Direct Effects of Interleukin-15 on Adipocytes	NIH R01	Associate Professor, University of Washington Active in diabetes/endocrinology research

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2002-2003	B. Hille, Ph.D. <i>Professor</i>	Physiology & Biophysics	Paracrine Effect of Fast Neurotransmitters on Insulin Secretion	NIH R01	Professor, University of Washington Active in diabetes/endocrinology research
2002-2003	C. Niswender, Ph.D. <i>Research Assistant Professor</i>	Pharmacology	Regulation of Liver Glucose Metabolism by Protein Kinase A	Pending	Assistant Professor, Vanderbilt Active in diabetes/endocrinology research
2002-2004	T. Parks, M.D. <i>Assistant Professor</i>	Pathology	A Novel Role for the Sorting Nexin (SNX) in Caveolar Trafficking	Support pending	Associate Professor, University of Washington Active in diabetes/endocrinology research
2002-2004	I. Sweet, Ph.D. <i>Research Assistant Professor</i>	Medicine/ Metabolism	Encapsulation of Pancreatic Islet with an Implantable Chamber <i>(NIDDK Supplemental P&F Award)</i>	NIH R01	Research Assistant Professor, University of Washington Active in diabetes/endocrinology research
2002-2004	G. J. Taborsky, Ph.D. <i>Research Professor</i>	Medicine/ Metabolism	Feasibility of Virally-Delivered Nerve Growth Factor (NGF) to Prevent Damage to Islet Sympathetic Nerves	NIH R01	Research Professor, University of Washington Active in diabetes/endocrinology research
2002-2004	B. Wisse, M.D. <i>Assistant Professor</i>	Medicine/ Metabolism	The Role of NF-KB Signaling in Central Leptin Resistance	NIH R01	Assistant Professor, University of Washington Active in diabetes/endocrinology research
2004-2006	R. Durvasula, M.D. <i>Assistant Professor</i>	Nephrology	Role of Local Angiotensin in Mediating Podocytes Injury in Diabetic Nephropathy	Support pending	Assistant Professor, University of Washington Active in diabetes/endocrinology research
2004-2006	C. Hampe, Ph.D. <i>Research Assistant Professor</i>	Medicine/ Metabolism	Antibodies in the NOD mouse	ADA Career Development Award	Research Assistant Professor, University of Washington Active in diabetes/endocrinology research
2005-2006	F. Kim, M.D. <i>Assistant Professor</i>	Medicine/ Cardiology	Glucose-Mediated Generation of Superoxide in Endothelial Cells	Support pending	Assistant Professor, University of Washington Active in diabetes/endocrinology research
2005-2007	R. Hull, Ph.D. <i>Research Assistant Professor</i>	Medicine/ Metabolism	Islet Amyloid Induces Islet β -cell Death Through Increased Endoplasmic Reticulum Stress		Research Assistant Professor, University of Washington Active in diabetes/endocrinology research
2005-2007	T. Vaisar, Ph.D. <i>Research Assistant Professor</i>	Medicine/ Metabolism	Macrophage Derived Matrix Metalloproteinases in Diabetes Associated Atherosclerosis		Research Assistant Professor, University of Washington Active in diabetes/endocrinology research
2006-2008	B. Askari, Ph.D. <i>Research Assistant Professor</i>	Pathology	The Role of Aldosterone in Macrophage Function in Diabetes Accelerated Atherosclerosis		Research Assistant Professor, University of Washington Active in diabetes/endocrinology research

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2006-2008	G. Morton, Ph.D. <i>Research Assistant Professor</i>	Medicine/ Metabolism	Effect of Hypothalamic Leptin Action on Glucose Metabolism		Research Assistant Professor, University of Washington Active in diabetes/endocrinology research
2006-2008	M. Chang, Ph.D. <i>Research Assistant Professor</i>	Medicine/ Metabolism	Regulation of Extracellular Matrix Synthesis by Factors Associated with Diabetes		Research Assistant Professor, University of Washington Active in diabetes/endocrinology research
2007-2009	I. de Boer, M.D. <i>Assistant Professor</i>	Medicine	Pilot Clinical Trial of Vitamin D3 Therapy in the Metabolic Syndrome	Ongoing P&F Project	
2007-2009	K. Foster-Schubert, M.D. <i>Acting Instructor</i>	Medicine	Effects of Food Energy Density on Food Appetite Hormones	Ongoing P&F Project	
2008-2009	S. Subramanian, M.D. <i>Acting Instructor</i>	Medicine/ Metabolism	Insulin Resistance and mTOR Inhibition	Ongoing P&F Project	
2008-2009	M. Bothwell, Ph.D. <i>Professor</i>	Medicine/ Physiology & Biophysics	LIG Protein Regulators of Growth Factor Signaling in Pancreatic Beta Cells	Ongoing P&F Project	
2009-2010	S. Page, M.D., PhD. <i>Assistant Professor</i>	Medicine/ Metabolism	The Influence of Sex Steroids on HDL Protein Composition and Inflammation in Healthy Men	New P&F Project	
2009-2010	J. Thaler, M.D., Ph.D. <i>Acting Instructor</i>	Medicine	The Role Of Hypothalamic Inflammation in Obesity	New P&F Project	
2009-2010	A. Hocking, PhD. <i>Research Assistant Professor</i>	Surgery	The Diabetic Wound: Mesenchymal Stem Cells and Dermal Fibroblast Interactions	New P&F Project	
2009-2010	A. Hoofnagle, M.D., PhD. <i>Assistant Professor</i>	Lab Medicine	Lipoproteomic Biomarkers of Vascular Disease In Diabetes	New P&F Project	
2009-2010	K. Utzschneider, M.D. <i>Assistant Professor</i>	Medicine/ Metabolism	Effect of Diet Composition on Liver Fat and Glucose Metabolism	New P&F Project	

Historical Summary of New Investigator Awards

Years	Recipient <i>Faculty Position at Time of Award</i>	University of Washington Department	Title of New Investigator Award Project	Subsequent Grant Funding	Career Outcomes and Current Activity in Diabetes/Endocrinology Research
1989-1990	A. Karlsen, Ph.D. <i>Research Assistant Professor</i>	Medicine/ Metabolism	Expression and Isolation of a Diabetes-Associated Autoantigen	JDF Award	Professor, Steno Diabetes Center and Hagedorn Res. Inst., Denmark <i>Active in diabetes/endocrinology research</i>
1990-1992	D. D'Alessio, M.D. <i>Assistant Professor</i>	Medicine/ Metabolism	The Role of Somatostatin-28 and Glucagon-Like Peptide 1 as Enteroinsular Regulators in Healthy and Diabetic Men	NIH R01	Associate Professor, University of Cincinnati School of Medicine <i>Active in diabetes/endocrinology research</i>
1991-1992	C. Wilson, M.D. <i>Assistant Professor</i>	Pediatrics	Role of Interferon Gamma in Diabetes Mellitus	NIH RO1	Professor, University of Washington <i>Active in diabetes/endocrinology research</i>
1992-1994	S. Kahn, M.B., Ch.B. <i>Assistant Professor</i>	Medicine/ Metabolism	Islet Amyloid Polypeptide's Role in Islet function	NIH RO1 VA Merit Review ADA	Professor, University of Washington <i>Active in diabetes/endocrinology research</i>
1994-1996	W. Hagopian M.D., Ph.D. <i>Assistant Professor</i>	Medicine/ Metabolism	New antigens in Prediction Strategies in Type I Diabetes	NIH CAP	Principal Scientist, Pacific Northwest Research Institute Clinical Associate Professor, University of Washington <i>Active in diabetes/endocrinology research</i>
1996-1998	G. Jarvik, M.D., Ph.D. <i>Assistant Professor</i>	Medicine/ Metabolism and Medical Genetics	The Effects of the Paraoxonase Polymorphism in Diabetes and Carotid Artery Disease	NIH R01	Professor, University of Washington <i>Active in diabetes/endocrinology research</i>
1998-2000	E. Helen Sage, Ph.D. <i>Professor</i>	Biological Structure	SPARC as a Regulator of TGF- β in Mouse Mesangial Cells: A Potential Modulator of Diabetic Nephropathy	NIH R01, Hope Heart Institute	Professor, University of Washington Hope Heart Inst., Benaroya <i>Active in diabetes/endocrinology research</i>
2000-2002	W. Xu, Ph.D. <i>Assistant Professor</i>	Biological Structure	Crystallographic Studies of Protein Kinase B	NIH R01	Associate Professor, University of Washington <i>Active in diabetes/endocrinology research</i>
2002-2004	M. McNeely, M.D., M.P.H. <i>Assistant Professor</i>	Medicine/ General Internal Medicine	Skeletal Muscle Fat and Risk of type Diabetes in Japanese Americans	ADA Career Development Award	Assistant Professor, University of Washington <i>Active in diabetes/endocrinology research</i>
2005-2006	A. Fitzpatrick, Ph.D. <i>Research Assistant Professor</i>	Epidemiology	A Twin Study of Inflammation and Obesity: Genetic and Environmental Influences		Research Assistant Professor, University of Washington <i>Active in diabetes/endocrinology research</i>
2007-2009	S. Al-Noori, Ph.D. <i>Acting Instructor</i>	Psychiatry & Behavioral Sciences	Dentate Gyrus Modulation of the Counter Regulatory Response to Recurrent Hypoglycemia		Ongoing NIA Project

Historical Summary of McAbee Fellowship Awards

Years	Recipients (Mentor)	University of Washington Department	Project Titles	Career Outcomes
1990-1991	W. Hagopian, M.D., Ph.D. (A. Lernmark)	Medicine/ Metabolism	Finding the Gene for the Mr 64,000 Protein Serving as a Target for Autoimmune Beta Destruction in Insulin Dependent Diabetes	H. Hughes Med. Inst. Grant Clinical Assoc. Professor, University of Washington Research Scientist at PNRI Active in diabetes/endocrinology research
1991-1992	B. Bonet, M.D. (R. Knopp)	Medicine/ Metabolism	Diabetic Lipoprotein Interactions with Placental Cells	Professor, Universidad de San Pablo-CEU Active in diabetes/endocrinology research
1992-1993	K. West, M.D. (G. Nepom)	Immunology	Transcriptional Regulation of the IDDM Susceptibility Gene DQB3.2	Canadian Kidney Foundation Grant Professor, Dalhousie Univ. Active in diabetes/endocrinology research
1994-1996	A. Zhao, Ph.D. (J. Beavo)	Pharmacology	Study of the Hormone-Sensitive CGI-PDE in Mediating Insulin Function	Associate Professor, Pharmacology, University of Pittsburgh Active in diabetes/endocrinology research
1996-1998	M. Chang, Ph.D. (A. Chait)	Medicine/ Metabolism	Lipoprotein-Proteoglycan Interactions in Diabetic Vascular Disease	Research Assistant Professor, Dept. Medicine, UW DERC P&F Award Active in diabetes/endocrinology research
1997-1999	S. Bieg, Ph.D. (A. Lernmark)	Medicine/ Metabolism	GAD65 Mediated Tolerance in Congenic BB Rats	Assistant Professor, Univ. Mainz, Germany Active in diabetes/endocrinology research
1998-2000	K. Olin-Lewis, Ph.D. (A. Chait)	Medicine/ Metabolism	Arterial Retention of Lipoproteins in Type 2 Diabetes	Research Scientist, Zymogenetics Corp., Seattle Active in diabetes/endocrinology research
1999-2001	F. Wang, MB, Ph.D. (G. Taborsky)	Medicine/ Metabolism	Beta-Cell Function and Islet Amyloid Formation	Research Scientist, Dept. Surgery, Karolinska Institute, Stockholm Active in diabetes/endocrinology research
2000-2002	S. Ng-Evans, Ph.D. (D. Lattemann)	Psychology	Neuroendocrine Mechanisms of Hypoglycemia Associated Autonomic Failure (HAAF)	Research Scientist, UW Dept. of Psychiatry Active in diabetes/endocrinology research
2001-2003	L. Katen, Ph.D. (W. Osborne)	Pediatrics	Development of Immune Tolerance to GAD65 and Insulin in the Non-Obese Diabetic Mouse	Leave of absence
2002-2004	R. Gelling, Ph.D. (M. Schwartz)	Medicine/ Metabolism	Hypothalamic Leptin and Insulin Signaling in Diabetic Hyperglycemia and Hyperphagia	Research Scientist, Metabolex, Inc. Hayward, CA Active in diabetes/endocrinology research
2004-2006	M. Kratz, Ph.D. (D. S. Weigle)	Medicine/ Metabolism	The Impact of Dietary ω -3-Polyunsaturated Acids on the Regulation of Body Weight	Research Assistant Professor, UW Dept. of Epidemiology Active in diabetes/endocrinology research
2007-2008	K. Edgel, Ph.D. (R. LeBoeuf)	Medicine	Obesity and Regulation of Cholesterol Metabolism in Mice	Ongoing McAbee Project
2009-2010	K. Aston-Mourney, Ph.D. (S. Kahn)	Medicine/ Metabolism	The Role of Matrix Metalloproteinase-9 in Islet Amyloid Degradation	New McAbee Project

Historical Summary of Stroom Graduate Fellowship Award

Years	Recipients (Mentor)	University of Washington Department	Project Titles	Career Outcomes
2009- 2010	Jenny Kanter, M.S. <i>(K. Bornfeldt)</i>	Pathology	What is the Role of Saturated acyl-CoAs in Insulin Resistance and Associated Atherosclerosis?	New Stroom Graduate Fellowship Project