Pilot & Feasibility Program
Awards Made Since Program Inception

Project	Year	Investigator	Title	Present Position
1	1977	Philip E. Cryer	Adrenergic pathophysiology in diabetes mellitus	Professor Emeritus, Washington University
2	1977	Leonard Jarett	Clinical insulin receptor an metabolic response assays	Professor Emeritus, University of Pennsylvania
3	1977	Jay M. McDonald	Calcium uptake and ATPase of adipocytes	Professor, University of Alabama
4	1977	Glenn E. Rodey	HLA complex, primary immune responsiveness and Ir genes	Professor, Baylor College of Medicine
5	1977	Herschel J. Raskas	Cloning of the fish insulin gene	Private industry
6	1977	Julio V. Santiago	Studies with an artificial endocrine pancreas	Deceased
7	1977	Dennis M. Bier	Amino acid nitrogen and protein metabolism in diabetes mellitus	Professor, Baylor College of Medicine
8	1977	Clifford Birge	Home Health aides as patient educators	Assistant Professor, Washington University
9	1978	Ronald L. Gingerich	Mechanisms of pancreatic polypeptide release in vitro	CEO & founder, LINCO Inc.
10	1978	Milton Schlesinger	Formation and structure of a glucose transport protein complex in tissue culture cells	Professor Emeritus, Washington University
11	1978	Lee Benham	Economic analysis of the medical costs associated with diabetes	Professor, Washington University
12	1979	Barbara J. Anderson	Family adaptation, compliance and control in juvenile diabetes: a development study	Professor, Baylor College of Medicine
13	1979	John M. Chirgwin	Control of insulin release and the regulation of insulin gene expression	Professor, University of Texas Health Science Center San Antonio
14	1980	Sandra L. Blethen	Somatomedin protein complexes, studies of structures function, and synthesis	Vice President, Medical Affairs, Terceca, Inc. (biopharmaceutical)
15	1980	Boas Gonen	Carbohydrate content and cellular binding properties of LDL in diabetes mellitus	Octagon Research Solutions (biopharmaceutical)

Project	Year	Investigator	Title	Present Position
16	1980	John C. Lawrence	Hormonal control of glycogen synthesis	Professor, University of Virginia
17	1980	Robert M. Carney	Diabetes, compliance and behavior therapy	Professor, Washington University
18	1980	Edwin B. Fisher	Health aides for dietary management of diabetes	Professor, University of North Carolina, Chapel Hill
19	1980	Denise Faustman	Immunological phenomena related to transplantation of islets of langerhans	Associate Professor, Harvard Medical School
20	1981	Albert Roos	Effect of insulin on intracellular pH of skeletal muscle through regulation of ionic membrane transport	Professor Emeritus, Washington University
21	1981	Leonard S. Green	Conditioning of glycemic response	Professor, Washington University
22	1981	Theodore J. Hahn	Insulin regulation of renal vitamin D metabolism	Professor, UCLA School of Medicine
23	1981	Joseph Yang	The role of insulin in the brain	Scientist, Linco Research
24	1981	Steven R. Bergmann	Characterization of myocardial metabolism in diabetes	Adjunct Professor, Columbia University
25	1981	Howard M. Gebel	HLA-linked IR genes and juvenile diabetes	Professor, Emory University
26	1981	Roland Valdes	Altered properties of glycosylated proteins known to be elevated in diabetes	Professor, University of Louisville School of Medicine
27	1982	Peter Rotwein	Molecular analysis of human insulin gene variants	Professor, University of Oregon Health Sciences
28	1982	John W. Turk	Arachidonic acid metabolism in the pancreatic islet	Professor, Washington University
29	1982	Stephen Giddings	Insulin messenger RNA metabolism in diabetes mellitus	Associate Professor, Washington University
30	1982	Vivian L. Braciale	Insulin receptors on clone murine T lymphocytes	Associate Professor, University of Texas Medical Branch Galveston

Pilot & Feasability Program

Project	Year	Investigator	Title	Present Position
31	1982	Alan M. Delamater	Stress behavior and metabolic control in IDDM	Professor, University of Miami
32	1982	William E. Clutter	Norepinephrine kinetics in diabetes mellitus	Associate Professor, Washington University
33	1983	Kwok-Ming Chan	Effect of diabetes on Ca++ transport in rat liver	Professor and Chief of Toxicology, University of Southern California
34	1983	Richard Kenagy	Regulation of cholesterol ester metabolism of arterial smooth muscle cells in vitro	Scientist, University of Washington
35	1983	Mark E. Frisse	Computer-assisted intensive insulin therapy	Professor, Vanderbilt University
36	1983	Marc R. Hammerman	Insulin effects on renal membrane phosphorylation and transport	Professor, Washington University
37	1984	Stanley Misler	Single ionic channel currents in rat pancreatic beta cells	Associate Professor, Washington University
38	1984	Thomas G. Cole	Pathways of hepatic lipoprotein synthesis in diabetes	Scientist, Linco Research
39	1983	Robert Levine	Structural and functional properties of C4 allotypes and type 1 diabetes	Adjunct Assistant Professor, Dartmouth Medical College
40	1984	Genevieve Yue	In vivo glucose metabolism in mammalian skeletal muscle	Central Valley Diabetes and Endocrine Care, Modesto CA
41	1984	Gary Trick	Early detection of diabetic optic neuropathy using pattern-reversal retinal and cortical potentials	Professor, University of Montreal
42	1984	Donald Bishop/Joni Mayer	Worksite weight loss program	Research Director, Minnesota Dept of Health; Professor, San Diego State Univ.
43	1985	Alan Daugherty	Diabetic-induced changes in lipoprotein metabolism and their relevance to atherosclerosis	Professor, University of Kentucky

Project	Year	Investigator	Title	Present Position
44	1985	Sherida Tollefsen	Oligosaccharide structures of the insulin receptor	Associate Professor, St. Louis University
45	1985	Barbara Cole	Membrane fluidity and phospholipids in diabetic kidneys	Retired
46	1985	Michael J. Strube	Health care attitudes and adherence among diabetics	Professor, Washington University
47	1985	Karen E. Flavin	Assessment of clinical diabetes management by physicians	Nursing Administrator, Washington University
48	1986	Wendy Auslander	Family coping patterns and control in high risk IDDM	Professor, Washington University
49	1986	Mike Mueckler	Structure and function of the glucose transporter	Professor, Washington University
50	1986	Erika Crouch	Metabolism of basement membrane collagen during wound healing in streptozotocin-induced diabetes	Professor, Washington University
51	1986	David Silbert	Membrane lipids and insulin-induced hexose transport	Deceased
52	1987	James B. Lefkowith	Dietary modulation of pancreatic islet IA+ cells	Deceased
53	1987	Phyllis Whiteley	Mechanisms of self-tolerance to insulin	Scientist, Perlegen Sciences
54	1987	Myrlene Staten	Metabolic effects of exercise in older obese people	Senior Advisor Diabetes Translational Research at NIDDK
55	1988	David Dempsher	Insulin secretion and sensitivity in relatives of type 1 diabetics	Assistant Professor, St. Louis University
56	1988	David James	Cell biology of insulin-stimulated glucose transport	Professor, University of Queensland
57	1988	Walter Nord, Joan Heins	The influence of work on the management of diabetes	Professor, University of South Florida; Clinical Specialist, Washington University
58	1988	Arthur Loewy	Neural control of the pancreas	Professor, Washington University

Project	Year	Investigator	Title	Present Position
59	1989	Michael Kahn	Automated interpretation of diabetes patient data using numeric and symbolic techniques	Adjunct Professor, Washington University
60	1989	J. Mark Petrash	Aldose reductase gene expression in diabetes	Professor, Washington University
61	1989	Kenneth S. K. Tung	Autoimmune polyendocrinopathy and insulitis	Professor, University of Virginia
62	1990	Frederick T. Fiedorek	Gene targeting of mouse glucose transporter genes through homologous recombination	Scientist, Bristol Meyers/Squibb
63	1990	David Parkinson	Biosynthesis and regulation of carboxypeptidase h in human pancreatic islets	Professor, Sheffield Hallam University
64	1990	Julio E. Perez; Janet B McGill	Detection of myocardial physical alterations in diabetes	Professor, Washington University; Professor, Washington University
65	1990	Charles Canter	Cardiovascular structure and function in the diabetic child	Professor, Washington University
66	1991	Stuart Adler	Negative transcriptional regulation by steroid analogues	Professor, Virginia Commonwealth University
67	1991	David Gottlieb	Regulation of GAD gene expression in pancreatic beta cells	Professor, Washington University
68	1991	Kathleen Sheehan	Role of tumor necrosis factor-alpha in prolongation of islet xenograph survival	Research Assistant Professor, Washington University
69	1991	Sandra Hale	Effects of IDDM on processing speed, working memory, and cognition	Associate Professor, Washington University

Pilot & Feasability Program

Project	Year	Investigator	Title	Present Position
70	1992	Joseph J Billadello	Post-transcriptional regulation of expression of plasminogen activator inhibitor type-1 MRNA by insulin and insulin-like growth factor-1	Associate Professor, Washington University
71	1992	Suzanne Craft	A neuro-ontogenetic model of cognitive impairment in IDDM	Professor, University of Washington
72	1992	Colin G Nichols	Expression cloning of pancreatic K+ channels by complementation of K+ deficient transport in yeast	Professor, Washington University
73	1993	Lucian V Del Priore	Laser-induced biochemistry of retinal pigment epithelium	Associate Professor, Columbia University
74	1993	James W Grant	Genetics of superoxide dismutase in diabetic complications	Physician
75	1993	Yukitoshi Izumi	Effects of hypoglycemic conditions of the hippocampus	Research Associate Professor, Washington University
76	1993	Maurine Linder	Regulation of G proteins by palmitoylation	Professor, Washington University
77	1993	Anthony Kulczycki	Etiology of IDDM: Which cow's protein is the primary antigen?	Associate Professor, Washington University
78	1994	Eric Beyer;Thomas Steinberg	Intracellular communication and islet function	Professor, University of Chicago; Associate Professor, Washington University

Project	Year	Investigator	Title	Present Position
79	1994	Stuart Kupfer	Interaction of androgen and glucocorticoid receptors with insulin degrading enzyme	
80	1994	Gabriel Waksman	Determination of the 3-D structure of the SH2 domains of proteins involved in insulin-mediaged signal transduction in a complex with their cognate phosphopeptides	Professor, University of London
81	1994	Wendy Kohrt	Inhibition of lipolysis by insulin in abdominal obesity	Professor, University of Colorado Health Sciences Center
82	1995	Frederick Lindberg	IAP/CD47 in a murine model of autoimmune diabetes	
83	1995	Bess A Marshall	Gene therapy for diabetes mellitus in mice	Associate Professor, Washington University
84	1995	John W Newcomer	Insulin regulation of memory performance during normal ageing	Professor, Washington University
85	1996	Jonathan Katz	Role of CD4+ T cells in autoimmune diabetes	Associate Professor, University of Cincinnati
86	1996	Louis Muglia	Hormonal regulation of labor	Professor, Washington University
87	1996	Nader Sheibani	Expression of thrombospondins in retinal capillaries	Associate Professor, University of Wisconsin
88	1996	Philip D Stahl	The role of low molecular weight GTpases in Glut4 translocation	Professor, Washington University
94	1997	Jeffrey E Johnson	Effects of achilles tendon lengthening procedure on patients with diabetes and recurrent forefoot neuropathic ulcers: Controlled clinical trial	Associate Professor, Washington University

Pilot & Feasability Program

Project	Year	Investigator	Title	Present Position
95	1997	Chris Lingle	The role of inactivating BK channels in the electrical behavior of beta cells	Professor, Washington University
96	1997	Christine H. Lorenz	Ventricular torison in diabetic cardiomyopathy	Scientist, Siemens
97	1997	Kelle H Moley	BAX expression and apoptosis in blastocysts from diabetic mice	Professor, Washington University
98	1998	Perry E Bickel	S3-12 function and adipocyte physiology	Assistant Professor, Washington University
99	1998	James Cheverud	Genetic analysis of NIDDM-related traits in the LG/J and SM/J mouse strains	Professor, Washington University
100	1998	Thomas A. Ferguson	The role of FAS ligand in diabetic retinopathy	Associate Professor, Washington University
101	1998	Michael A. Harris	Home-based psychosocial treatment for youths w/ diabetes	Director Child Development & Rehabilitation Center Oregon Health Sciences University
102	1998	Margaret Perkinson	Diabetes symptom management by family caregivers	Research Associate, Washington University
103	1998	Samuel Dagogo-Jack	Regulation of leptin in humans	Professor, University of Tennessee
104	1999	Thomas J Baranski	G protein-coupled receptors in pancreatic beta cells	Assistant Professor, Washington University
105	1999	Valerie S Ratts	The Impact of reducing hyperinsulinemia in PCOS patients undergoing ovulation induction	Associate Professor, Washington University
106	1999	David B Wilson	Role of GATA-binding proteins in pancreatic gene expression and development	Associate Professor, Washington University
107	2000	Keith A Hruska	The role of BMP-7 in chronic renal disease	Professor, Washington University

Pilot & Feasability Program

Project	Year	Investigator	Title	Present Position
108	2000	Joseph C Koster	Insulin secretory defects in KATP-induced diabetes	Research Assistant Professor, Washington University
109	2000	Jeff F Moley	SLC2A9, A candidate ER glucose transporter	Professor, Washington University
110	2000	Burton M Wice	Insulin-producing enteroendocrine cells for gene therapy	Research Assistant Professor, Washington University
111	2000	Xiaoming Xia	Genetic dissection of BK channels' roles in beta cells	Research Assistant Professor, Washington University
supp1	2001	Burton Wice	Transplantation of modified gut stem cells to treat T1DM	Retired
supp2	2001	Shin-ichiro Imai	Function of mammalian Sir2α in beta cell differentiation	Assistant Professor, Washington University
supp3	2001	Kelvin Yamada	Hypoglycemia in the developing diabetic brain	Associate Professor, Washington University
112	2001	Robert Arch	CD30-induced signaling events in autoimmune diabetes	Scientist, Pfizer
113	2001	Talal Chitila	Molecular basis of X-Linked neonatal type 1 diabetes	Professor, UCLA
114	2001	Timothy Graubert	A Murine Model of Somatic Stem Cell Therapy for Diabetes	Assistant Professor, Washington University
115	2001	Paul Hruz	Site-Directed Spin Labeling of GLUT1	Assistant Professor, Washington University
116	2001	Lorraine A. Nolte	Withdrew-left university	
117	2001	Subramaniam Pennathur	Oxidative stress in diabetics after renal transplantation	Assistant Professor, University of Michigan

Pilot & Feasability Program

Project	Year	Investigator	Title	Present Position
118	2001	Jean Schaffer	Withdrew-alternate funding	Associate Professor, Washington University
119	2001	Mario Schootman	Geographic variation of amputations	Assistant Professor, Washington University
120	2001	Tamara Hershey	Withdrew-alternate funding	Assistant Professor, Washington University
121	2002	Alejandro M Barbieri	Role of RIN1 in beta-cell insulin receptor signaling	Assistant Professor, Florida International University
122	2002	David M Kurtz	PPARgamma in hepatic and cardiac lipid metabolism	Veterinarian, US Env. Protection Agency,
123	2002	Theodore C Simon	MODY factors defective in cooperative gene action	Associate Director, Genetically Modified Animal Program, Wyeth Research
124	2003	Rajendra S Apte	Immune mechanisms in diabetic retinopathy	Assistant Professor of Medicine, Washington University
125	2003	Ernesto Bernal-Mizrachi	Regulation of pancreas development by PI3K/Akt signaling	Assistant Professor of Medicine, Washington University
126	2003	Kyunghee Choi	Pancreatic islet beta stem/progenitors	Associate Professor, Washington University
127	2003	Jan Huss	Role of ERR orphan receptors in diet-induced diabetes	Assistant Professor, City of Hope National Medical Center
128	2003	Ellen Li	Effect of HIV and protease inhibitors and adipocytes	Professor, Washington University
129	2003	Xin Yu	Ventricular remodeling in diabetic cardiomyopathy	Associate Professor, Case Western Reserve
130	2004	Jeffrey Arbeit	HIF-1alpha modulation of diabetic wound healing	Professor, Washington University

Pilot & Feasability Program

Project	Year	Investigator	Title	Present Position
131	2004	Thomas Baranski	Multi-system screens of diabetes and glucose toxicity	Assistant Professor, Washington University
132	2004	Simon Fisher	Glucose toxicity and brain insulin resistance	Assistant Professor, Washington University
133	2004	Jason Mills	Gene expression in laser-captured diabetic islet cells	Assistant Professor, Washington University
134	2004	Colin Nichols	KATP channel-dependent diabetes	Professor, Washington University
135	2004	Matthew Silva	Bone quality and fatigue resistance in diabetes	Associate Professor, Washington University
137	2005	Carlos Bernal Mizrachi	Vitamin D deficiency, insulin resistance and cardiovascular disease	Assistant Professor, Washington University
138	2005	Ana Maria Arbelaez	Treatment of pre-diabetes in patients with cystic fibrosis	Instructor, Washington University
139	2006	Peter Crawford	Role of the gastrointestinal microbiota in cardiovascular physiology	Instructor, Washington University
140	2006	Sharon Cresci	PPAR□ polymorphisms and post-infarction LV remodeling	Assistant Professor, Washington University
141	2006	Tamara Hershey	Pilot fMRI of hippocampal function in T1DM	Assistant Professor, Washington University
142	2006	Joan Riley	Uterine NK cells and reproductive failure in the diabetic mouse	Instructor, Washington University
143	2006	Richard Stein	Family lifestyle intervention program for overweight youth	Assistant Professor, Washington University
144	2006	Michael Elliott	Environmental correlates of diabetes risk behaviors among urban African Americans	Assistant Professor, St. Louis University
145	2007	Matteo Levisetti	Autoreactive T cells in patients with type 1 diabetes	Senior Director, Clinical Research at Pfizer
146	2007	Latisha Love-Gregory	CD36 and GNAT3 as candidate genes for insulin resistance	Assistant Professor, Washington University
147	2008	Mary Markiewicz	Role of NKG2D in autoimmune diabetes	Assistant Professor, University of Kansas

Pilot & Feasability Program

Project	Year	Investigator	Title	Present Position
148	2008	Kevin Yarasheski	Human atherosclerotic plaque inflammation imaged using FDG-PET/CT	Professor, Washington University
149	2008	Amy Waterman	Understanding racial disparities in ESRD patients with and without diabetes	Associate Professor, UCLA
150	2008	Junjie Chen	MRI biomarker of retinal edema in diabetic retinopathy	Instructor, Washington University
151	2009	Guojun Bu	Lipoprotein receptor LRP1 in leptin receptor signaling and obesity	Professor, Mayo Clinic
152	2009	Charlene Caburnay	Newspaper coverage of diabetes and African Americans' reporting preferences	Research Assistant Professor, Washington University
153	2009	Peter Crawford	Effects of the ketogenic milieu in diabetic cardiomyopathy	Associate Professor, Sanford Burnham
154	2009	Stanley Misler	Granule pool for second phase insulin secretion	Associate Professor, Washington University
155	2009	Linda Peterson	Reversal of diabetic cardiomyopathy	Associate Professor, Washington University
156	2009	Lihong Wang	Photoacoustic imaging of diabetic wound imaging	Professor, Washington University
157	2010	Jennifer Duncan	Nutritional programming of metabolic disease	Assistant Professor, Washington University
158	2010	Shin-ichiro Imai	The pathophysiological importance and therapeutic potential of NAMPT-mediated NAD biosynthesis in type 2 diabetes	Professor, Washington University
159	2010	Christopher Lingle	Endocrine cell BK channels and blood sugar regulation	Professor, Washington University
160	2010	Maria Remedi	Modeling developmental delay epilepsy and neonatal diabetes DEND syndrome in mice	Assistant Professor, Washington University
161	2010	James Skeath	Genetic identification of factors that govern metabolic regulation in Drosophila	Professor, Washington University
162	2011	Abhinav Diwan	Intermittent fasting as a strategy to treat diabetes	Assistant Professor, Washington University
163	2011	Jeffrey Henderson	Identification of metabolic factors predisposing to diabetes-associated infection	Assistant Professor, Washington University

Project	Year	Investigator	Title	Present Position
164	2011	Irfan Lodhi	Regulation of adipose tissue development and metabolic homeostasis	Assistant Professor, Washington University
165	2011	Laura Musselman (Palanker)	The roles of nuclear hormone receptor signaling in a Drosophila model of diet-induced type 2 diabetes	Assistant Professor, Binghampton University
166	2011	Xiong Su	Adipocyte-derived exosomes: regulation and metabolic functions	Assistant Professor, Washington University
167	2012	Jan Bieschke	Molecular mechanism of AD and type II diabetes co-pathology	Assistant Professor, Washington University
168	2012	Brian Edelson	Role of GM-CSF in type 1 diabetes	Assistant Professor, Washington University
169	2012	Scot Matkovich	MicroRNA-directed signaling in hyperglycemic and hyperlipidemic beta-cells	Assistant Professor, Washington University
170	2012	Jeanne Nerbonne	Molecular mechanisms underlying altered excitability in diabetic cardiomyopathy	Professor, Washington University
171	2012	Jun Yoshino	Regulation of systemic insulin sensitivity by adipose NAMPT	Assistant Professor, Washington University
172	2013	Charles Harris	GR post-translational modification in adipogenesis and adipocyte function	Assistant Professor, Washington University
173	2013	Jason Held	Thiolproteomic characterization of in vivo cysteine redox sensors in diabetes	Assistant Professor, Washington University
174	2013	Joel Schilling	Macrophage PPAR gamma as a regulator of ischemic cardiac remodeling	Assistant Professor, Washington University
175	2014	Boris Calderon	Tracing the ontogeny and turnover rate of islet resident macrophages	Assistant Professor, Washington University
176	2014	Brian Finck	Mitochondrial pyruvate transport and beta cell function	Assistant Professor, Washington University
177	2014	Simon Haroutounian	Predicting individual response to analgesic treatment in painful diabetic neuropathy and improving nonverbal assessment of pain relief	Assistant Professor, Washington University

Pilot & Feasability Program

Project	Year	Investigator	Title	Present Position
178	2014	Colin Nichols	Zebrafish model of excitability-driven diabetes	Professor, Washington University
179	2014	M. Yanina Pepino de Gruev	Metabolic effects of non-nutritive sweeteners	Assistant Professor, Washington University
180	2015	Alison G. Cahill	Choline metabolomics in diabetic pregnancy	Associate Professor, Washington University
181	2015	Andrew R. Coggan	Dietary nitrate-a novel treatment for patients with diabetes and heart failure	Assistant Professor, Washington University
182	2015	Jeffrey R. Millman	Improved differentiation of human stem cells to beta cells with oxygen control	Assistant Professor, Washington University
183	2015	Babak Razani, MD	Use of a novel sugar to treat obesity and diabetes	Assistant Professor, Washington University
184	2015	Dmitri Samovski	Regulation of insulin and AMPK signaling by saturated fatty acids	Instructor, Washington University
185	2015	Mohamed Zayed	N-Acetyl-Cysteine for healing of amputation stumps in the setting of diabetes	Assistant Professor, Washington University
186	2016	Brian DeBosch	Mechanisms of trehalose action in modulating hepatic and extrahepatic metabolism	Assistant Professor, Washington University
187	2016	Subhadra Gunawardana	Insulin-independent reversal of diabetes with BAT transplants: role of IGF-1	Associate Professor, Washington University
188	2016	Lydia-Ann Harris	A role for FGF21 in the weight loss-independent metabolic effects of Roux-en-Y gastric bypass	Instructor, Washington University
189	2016	Heather Lawson	Molecular and functional characterization of brown adipose tissue expansion in high fat-fed SM/J mice	Assistant Professor, Washington University
190	2016	Rithwick Rajagopal	Fenofibrate mitigates diabetic retinopathy through peroxisome proliferator-activator receptor-alpha	Assistant Professor, Washington University
191	2016	Rachel Tabak	Objective physical activity in a worksite intervention to reduce obesity and diabetes	Assistant Professor, Washington University

Pilot & Feasability Program

Project	Year	Investigator	Title	Present Position
192	2017	Amy L. Clark	Defining the role of endoplasmic reticulum stress in the development of autoimmune diabetes	Instructor, Washington University
193	2017	Sarah Ann Eisenstein	Neuroinflammation in obesity	Assistant Professor, Washington University
194	2017	Ali Javaheri	Targeting cardiomyocyte lysosomal lipolysis to alleviate cardiac complications of diabetes	Research Fellow, Washington University
195	2018	Scott Charles Beeman	Quantifying the primary drivers of the hypoxia-driven insulin resistance mechanism	Assistant Professor, Arizona State University
196	2018	Jennifer Powers Carson	Alternate biomarkers for management of diabetes during pregnancy	Assistant Professor, Washington University
197	2018	Stephen Stone	Modeling FGF21 signaling defects in insulin mediated pseudoacromegaly	Instructor, Washington University
198	2018	Hani Suleiman	Role of glomerular basement membrane composition and architecture in diabetic nephropathy	Instructor, Washington University
199	2018	Michael D. Thompson	Targeting Bile Acid Homeostasis In Offspring Exposed To Maternal Obesity	Instructor, Washington University
200	2019	Ebony Boyce Carter	Diabetes Phenotypes in Pregnancy	Assistant Professor, Washington University
201	2019	Jing Hughes	Primary Cilia Regulation of Beta Cell Function	Assistant Professor, Washington University
202	2019	Alexxai V. Kravitz	An inflammatory mechanism underlying persistent obesity	Associate Professor, Washington University
203	2019	Kartik Mani	Targeting protein aggregation in cardiac myocytes – A novel strategy in diabetic cardiomyopathy	Assistant Professor, Washington University
204	2019	Nathan O. Stitziel	Characterizing the metabolic effects of a novel coronary artery disease gene	Associate Professor, Washington University
205	2019	Parker C. Wilson	Chromatin Conformation and Transcriptional Regulation in Diabetic Nephropathy	Instructor, Washington University

Project	Year	Investigator	Title	Present Position
206	2020	Arbelaez, Ana Maria & Hershey, Tamara	Brain Vascular Health in T1D	Associate Professor Professor Washington University
207	2020	Monika Bambouskova	Single Cell Metabolic Characterization of the Tissue Resident Macrophages in Obesity	Instructor Washington University
208	2020	Kevin Bennett	Noninvasive Imaging to Monitor Progression of Diabetic Kidney Disease	Associate Professor, Washington University
209	2020	Natalie Niemi	The Role of the Mitochondrial Phosphatase Pptc7 in Enabling Metabolic Flexibilty	Assistant Professor, Washington University
210	2020	Xiaoxiao Wan	Explore the Immunosuppressive Effects of Monoclonal Insulin Autoantibodies in Type 1 Diabetes	Assistant Professor, Washington University
211	2021	Ghazal Ashrafi	Metabolic Regulation of Synaptic Function in Diabetic Ketoacidosis	Assistant Professor, Washington University
212	2021	Anne Mayer Bridwell	Altered Diabetic Neutrophil Function Driving Increased Susceptibility to M. Tuberculosis	Instructor, Washington University
213	2021	Jane O'Halloran	Impact of Integrase Inhibitors on Pancreatic Function in People with HIV	Assistant Professor, Washington University
214	2021	Mary Katherine Ray	Impact of Glucose Variability on Dynamic Cognitive Function in High-Risk Youth with Type 1 Diabetes	Instructor, Washington University
215	2022	Daniel Castro	Investigating the role of endogenous opioids in pancreatic islets and metabolism	Assistant Professor, Washington University
216	2022	Meaghan Creed	Targeting the ventral pallidum to reduce individual susceptibility to diet-induced obesity	Associate Professor, Washington University
217	2022	Daniel Ferguson	Macrophage Mitochondrial Pyruvate Metabolism in Nonalcoholic Steatohepatitis	Instructor, Washington University

Pilot & Feasability Program

Project	Year	Investigator	Title	Present Position
K1	2012	Paul Murphy	Diabetes, Alzheimer's Disease and Exercise Intervention	Associate Professor, University of Kentucky
K2	2012	Venkateswaran Subramanian	Role of macrophage-specific calpain in diabetic atherosclerosis	Assistant Professor, University of Kentucky
K3	2013	Lisa Cassis	Pancreatic angiotensin type 1a receptors and type 2 diabetes	Professor, University of Kentucky
K4	2014	Rolf Craven	A targetable mechanism in insulin-resistant diabetes	Associate Professor, University of Kentucky
K5	2015	Ming Gong & Lisa Tannock	Eating at the right time - A novel approach to correct non-dipping blood pressure	Professor, University of Kentucky
K6	2015	Ann Morris	The effects of hyperglycemia on visual system development	Associate Professor, University of Kentucky
K7	2015	Bradley Taylor	Mechanisms and treatment of type II painful diabetic neuropathy	Professor, University of Kentucky
K8	2016	Brian Finlin	Regulation of pancreatic beta cell mass by adipose lipoprotein lipase	Assistant Professor, University of Kentucky
K9	2017	Ana Bastos de Carvalho	Optimizing implementation of diabetic retinopathy telescreening: a pilot study	Instructor, University of Kentucky
K10	2018	Julie S. Pendergast	How the liver tells time on high-fat diet: pathway to obesity	Instructor, University of Kentucky
K11	2018	Preetha Shridas	Serum amyloid A- a novel mediator of adipose-tissue inflammation and insulin resistance	Assistant Professor, University of Kentucky
K12	2020	Evangelia Kalaitzoglou	Myokines Involved in the TGF-Beta/activing Signaling Pathway in Type 1 Diabetes	Assistant Professor, University of Kentucky
K13	2020	Jonathan Satin	Rad Modulation of Calcium Homeostasis as a Putative Therapeutic for Diabetic Cardiomyopathy	Professor, University of Kentucky
K14	2020	Jamie Sturgill	Altered Mitochondria Associated Membranes & Inflammation	Assistant Professor, University of Kentucky

Pilot & Feasability Program

Project	Year	Investigator	Title	Present Position
K15	2021	Shuxia Wang	Targeting Brown Fat for Aging-Related Obesity and Type 2 Diabetes	Professor, University of Kentucky
K16	2021	Qingjun Wang	Platelet Metabolism in Diabetes Mellitus	Assistant Professor, University of Kentucky
K17	2022	Xiaohua (Douglas) Zhang	Developing an analytic tool on cytokine profiling for diabetes	Professor, University of Kentucky

Special Submission / Co-Funded with Vanderbilt DRC
University of Kentucky DRC Pilot and Feasibility Project

Project	Year	Investigator	Title	Present Position
KS	2020	Brittany Smalls	Diabetes Reversal Outcomes Program (DROP): An Intervention Tailored for Rural Communities	Assistant Professor, University of Kentucky

Shared National Resource Consortium
University of Utah DRC Pilot and Feasibility Projects

Project	Year	Investigator	Title	Present Position
U1	2012	Balamurali Ambati	COMP-Ang1 for Vascular Normalization and Neuroprotection in Diabetic Retinopathy	Professor, University of Utah
U2	2012	Amnon Schlegel	Interrogating Liver X Receptor Function with Zebrafish	Assistant Professor, University of Utah
U3	2013	Li Wang	Circadian Clock Control of Glucose Metabolism	Associate Professor, University of Utah
U4	2014	Claudio Villanueva	Role of TCF7L2 in adipocyte biology and type 2 diabetes	Assistant Professor, University of Utah

Pilot & Feasability Program

Project	Year	Investigator	Title	Present Position
U5	2015	John Symons	Pathophysiological and genetic disruption of EC autophagy lowers EC NO production	Professor, University of Utah
U6	2015	Junko Warren	Role of Abnormal Na/K Pump in Mitochondrial Energetics in Diabetic Cardiomyopathy	Assistant Professor, University of Utah
U7	2016	Sihem Boudina	Hyperinsulinemia suppresses cardiac autophagy through activation of IGF-1 receptor signaling	Assistant Professor, University of Utah
U8	2017	Bhagirath Chaurasia	Role of Fgf13 and Bmp3 in regulating adipose tissue browning/beiging	Assistant Professor, University of Utah
U9	2017	Yu Kuei Lin	Amitriptyline in improving hypoglycemia recognition and course	Assistant Professor, University of Utah
U10	2018	Katsuhiko Funai	Phospholipid origin of NASH	Assistant Professor, University of Utah
U11	2018	Santhosh Karanth	A small molecule screen to discover inhibitors of Hepatic FOXN3 activity	Assistant Professor, University of Utah
U12	2019	Nirupama Ramkumar	Renoprotective effect of targeting endothelin and SGLT2 in type 2 diabetes	Assistant Professor, University of Utah
U13	2019	Amnon Schlegel	SLC16A6, A Monocarboxylate Transporter Involved in Fasting and Growth	Associate Professor, University of Utah
U14	2020	Keren Hilgendorf	Interrogate Ciliary Signaling in Preadipocytes During White Adipose Tissue Remodeling	Assistant Professor, University of Utah
U15	2020	Candace Reno	Preventing Severe Hypoglycemia-induced Fatal Cardiac Arrhythmias in Type 1 Diabetes	Assistant Professor, University of Utah
U16	2020	Diane McVey Ward	Novel Approach to Identify Compounds that Prevent the Development of Type 2 Diabetes in Mitochondrial Iron	Associate Professor, University of Utah
U17	2021	Lars Bjorn Laurentius / Christopher Reiche	Injectable and Biodegradable Glucose Sensors with Ultrasound Readout	Assistant Professor / Assistant Professor, University of Utah

Pilot & Feasability Program

Project	Year	Investigator	Title	Present Position
U18	2021	Michelle Litchman	Adaptation and Refinement of a Multi-Modal Diabetes Self-Management Education and Support Program for Deaf Care Partners	Assistant Professor, University of Utah
U19	2022	Claire Acevedo	Contribution of collagen damage and defective osteocyte to diabetic bone Fragility	Assistant Professor, University of Utah
U20	2022	John Symons	Ceramide drives cerebral vascular dysfunction and cognitive decline in obese mice	Professor, University of Utah

Shared National Resource Consortium
University of Wisconsin DRC Pilot and Feasibility Projects

Project	Year	Investigator	Title	Present Position
W1	2017	Barak Blum	Robo receptors control the organization and function of the islets of Langerhans	Assistant Professor, University of Wisconsin
W2	2017	Dudley W. Lamming	Role of Fgf13 and Bmp3 in regulating adipose tissue browning/beiging	Assistant Professor, University of Wisconsin
W3	2018	Chi-Liang Eric Yen	Intestinal lipid metabolism, gut microbiome, and pancreatic islets	Associate Professor, University of Wisconsin
W4	2018	Martin Zanni	Developing a transgenic mouse model for amyloid oligomers thought responsible for beta-cell toxicity	Professor, University of Wisconsin
W5	2019	Feyza Engin	The role of Ormdl3 in beta cells and obesity	Assistant Professor, University of Wisconsin
W6	2019	Judith Simcox	Using cold exposure to investigate HNF4alpha regulation of lipid metabolism	Assistant Professor, University of Wisconsin
W7	2020	Meghan Brennan	Investigating Diabetic Foot Ulcer Disparities Rooted in Neighborhood Disadvantage	Assistant Professor, University of Wisconsin
W8	2020	Andrea Galmozzi	Impact of Intracellular Metabolite Trafficking on Adipocyte Function	Assistant Professor, University of Wisconsin
W9	2021	Caroline M Alexander	Developing Mice to Test the Role of Skin in Modulating Energy Metabolism	Professor, University of Wisconsin
W10	2021	Anjon Audhya	Transgenic Rodent Models to Define Mechanisms Regulating Insulin Transport	Professor, University of Wisconsin
W11	2021	Lingjun Li	A Mass Spectrometry-Enabled Multiomic Investigation of Pancreatic Islets in Diabetes	Professor, University of Wisconsin
W12	2022	David Harris	Rational design and evaluation of novel TGR5 agonists to treat diabetes	Assistant Professor, University of Wisconsin