

P&F #	PI		Department At Time of Award	Pilot Project Title	Faculty Profile Link (as of March 2023)	Award Start Year
1	Brey,Eric / Cohen,Ronald	Eric Brey	Biomedical Engineering, Illinois Institute of Technology/Medicine	Extracellular matrix mediated adipocyte differentiation and insulin sensitivity	https://klesse.utsa.edu/faculty/profiles/brey-eric.html	2012
2	Dudley,Sam	Sam Dudley	Medicine, University of Illinois at Chicago	Diabetes mellitus and diastolic function	https://med.umn.edu/bio/samuel-dudley	2012
3	Sargis,Robert	Robert Sargis	Medicine, University of Chicago	Environmental endocrine disruption and global energy metabolism	https://chicago.medicine.uic.edu/directory/name/robert-sargis/	2012
4	Tamarina,Natalia	Natalia Tamarina	Medicine, University of Chicago	Role of Heat Shock Protein 90 in insulin secretion	https://profiles.uchicago.edu/profiles/display/36747	2012
5	Dalgin,Gokhan	Gokhan Dalgin	Organismal Biology & Anatomy, University of Chicago	Identification of novel beta cell targets to improve cell based therapies		2013
6	Knutson,Kristen	Kristen Knutson	Medicine, University of Chicago	Adipocyte insulin sensitivity, adipokines and incretins: link with sleep and race	https://www.feinberg.northwestern.edu/faculty-profiles/az/profile.html?xid=37050	2013
7	Naylor,Rochelle	Rochelle Naylor	Pediatrics, University of Chicago	Racial and Ethnic Differences in Attitudes Toward Genetic Testing in Diabetes	http://med-faculty.bsd.uchicago.edu/Default/Details/11896	2013
8	Palmer,Abraham	Abraham Palmer	Human Genetics, University of Chicago	Mapping Epistatic Modifiers of Diabetes using the Akita Mouse Model	https://profiles.ucsd.edu/abraham.palmer	2013
9	Haus,Jacob	Jacob Haus	Kinesiology and Nutrition, University of Illinois at Chicago	Links between skeletal muscle contraction and RAGE ectodomain shedding	https://www.kines.umich.edu/directory/jacob-haus	2014
10	Kidambi,Srividya	Srividya Kidambi	Medical College of Wisconsin	Visceral and subcutaneous adipose tissue characteristics among lean and obese patients	https://www.froedtert.com/doctors/srividya-kidambi-1376614446	2014
11	Im,Hae Kyung	Hae Kyung Im	Medicine, University of Chicago	Systems approach to discover biological mechanisms of complex traits	https://biologicalsciences.uchicago.edu/faculty/hae-kyung-im-phd	2014
12	Peterson,Daniel	Daniel Peterson	Neurology, Rosalind & Franklin University	Defining stem cell populations in diabetic skin	https://www.rosalindfranklin.edu/academics/faculty/daniel-a-peterson/	2014
13	Reardon,Catherine	Catherine Reardon	Pathology, University of Chicago	Apoprotein E expression in adipose tissue	https://metabolism.uchicago.edu/program/faculty/catherine-reardon-alulis	2014
14	Barish,Grant	Grant Barish	Medicine, Northwestern University	Transcriptional repression by BCL6 suppresses adipogenesis and insulin sensitivity	https://www.feinberg.northwestern.edu/faculty-profiles/az/profile.html?xid=24639	2015
15	Broniowska,Katarzyna	Katarzyna Broniowska	Biochemistry, Medical College of Wisconsin	The role of reactive oxygen and nitrogen species in pathogenesis of diabetes		2015
16	Byrn,Mary	Mary Byrn	Nursing, Loyola University	Can vitamin D3 improve cognitive function in individuals with type 2 diabetes?	https://www.luc.edu/nursing/facultyandstaff/facultydirectory/byrnmmarys.html	2015
17	Layden,Brian	Brian Layden	Medicine, Northwestern University and University of Illinois Chicago	A novel role of FFAR2 in pancreatic beta cell function	https://chicago.medicine.uic.edu/departments/academic-departments/medicine/endocrinology-diabetes-metabolism/people/name/brian-layden/	2015
18	Weinberg,David	David Weinberg	Ophthalmology, Medical College of Wisconsin	Adaptive optics vascular imaging in diabetic retinopathy	https://www.mcw.edu/departments/ophthalmology-eye-institute/doctors/weinberg-david-v-md	2015
19	Bass,Joseph	Joseph Bass	Medicine, Northwestern University	Prevention of type-2 diabetes: the circadian system as a novel target for long-term maintenance of weight loss	https://www.feinberg.northwestern.edu/faculty-profiles/az/profile.html?xid=14103	2016
20	Becker,Lev	Lev Becker	Ben May Dept. for Cancer Research, University of Chicago	Type 2 diabetes promotes aortic macrophage dysfunction via IFNgamma	https://metabolism.uchicago.edu/program/faculty/lev-becker	2016
21	Pritchard,Kirkwood	Kirkwood Pritchard	Pediatric Surgery, Medical College of Wisconsin	Diabetes increases injury/reperfusion Injury after thrombolysis	https://www.mcw.edu/departments/surgery/divisions/pediatric-surgery/people/kirkwood-pritchard-phd	2016
22	Rosenthal,Ann	Ann Rosenthal	Medicine, Medical College of Wisconsin; Clement J. Zablocki VA Medical Center	The polyol pathway exacerbates OA in diabetes	https://www.mcw.edu/find-a-doctor/rosenthal-ann-k-md	2016
23	Li,Yan Chun	Yan Chun Li	Medicine, University of Chicago	Metabolic Dysregulation and Gut Innate Immunity	https://biologicalsciences.uchicago.edu/faculty/yanchun-li-phd	2017
24	Liew,Chong Wee	Chong Wee Liew	Physiology and Biophysics, University of Illinois at Chicago	Modulating brown fat glucose metabolism for systemic glucose homeostasis	https://physiology.uic.edu/faculty/faculty.html?fac=chongliew	2017
25	Palygin,Oleg	Oleg Palygin	Physiology, Medical College of Wisconsin	The role of protease-activated receptors in diabetic nephropathy	https://education.musc.edu/MUSCAPs/FacultyDirectory/Palygin-Oleg	2017
26	Pan,Tao	Tao Pan	Biochemistry and Molecular Biophysics, University of Chicago	Mistranslation as a potential contributing factor to diabetes	https://micro.uchicago.edu/program/faculty/tao-pan	2017
27	Ren,Decheng	Decheng Ren	Medicine, University of Chicago	The role of VIMP in adipogenesis		2017
28	Wu,Rongxue (Rosie)	Rongxue (Rosie) Wu	Medicine, University of Chicago	Reduction of endothelial ARNT mediates cardiovascular dysfunction in diabetes	https://metabolism.uchicago.edu/program/faculty/rongxue-wu	2017

29	Nobrega,Marcelo	Marcelo Nobrega	Human Genetics, University of Chicago	An integrated OMICS platform to characterize genetic loci associated with diabete and obesity	https://hgen.uchicago.edu/program/faculty/marcelo-nobrega	2017
30	Hara,Manami	Manami Hara	Medicine, University of Chicago	Three-dimensional analysis of the pancreatic extracellular matrix	http://med-faculty.bsd.uchicago.edu/Default/Details/1857	2018
31	Kadokia,Rachel	Rachel Kadokia	Pediatrics, Northwestern University	Newborn metabolites, genotype and adiposity: an integrated approach to prediction of childhood diabetes	https://profiles.ucsf.edu/rachel.kadokia	2018
32	Leone,Vanessa	Vanessa Leone	Medicine, University of Chicago	Gut microbial drivers of host circadian networks: Interventions for treatment of metabolic syndrome	https://andysci.wisc.edu/directory/vanessa-leone/	2018
33	Greeley,Siri Atma	Siri Atma Greeley	Pediatrics, University of Chicago	Newborn screening for earlier diagnosis and treatment of congenital diabetes	https://pediatrics.uchicago.edu/faculty/Siri-atma-w-greelev-md-phd	2018
34	Bhushan,Abhinav	Abhinav Bhushan	Biomedical Engineering, Illinois Institute of Technology	Development of a platform for personalized metabolic assessment on chip	https://www.iit.edu/directory/people/abhinav-bhushan	2018
35	Cordoba-Chacon,Jose	Jose Cordoba-Chacon	Medicine, University of Illinois at Chicago	Suppression of hepatic glucose production by conjugated linoleic acids	https://chicago.medicine.uic.edu/departments/academic-departments/medicine/endocrinology-diabetes-metabolism/people/name/jose-chacon/	2019
36	Jiang,Yuwei	Yuwei Jiang	Physiology and Biophysics, University of Illinois at Chicago	Increasing beige fat longevity for metabolic health in obesity and diabetes	https://physiology.uic.edu/faculty/faculty.html?fac=yuweijiang	2019
37	Reutrakul,Sirimon	Sirimon Reutrakul	Medicine, University of Illinois at Chicago	Circadian and sleep functioning and their relationship with intrinsically photosensitive retinal ganglion cells in diabetic retinopathy	https://chicago.medicine.uic.edu/directory/name/sirimon-reutrakul/	2019
38	Sahoo,Daisy	Daisy Sahoo	Medicine, Medical College of Wisconsin	Oxidized HDL: A role in beta cell function?	https://www.mcw.edu/departments/medicine/divisions/endocrinology-and-molecular-medicine/people/daisy-sahoo-phd	2019
39	Sargis,Robert	Robert Sargis	Medicine, University of Illinois at Chicago	Environmental disruption of serotonin disposal in the etiology of gestational diabetes	https://hospital.uillinois.edu/find-a-doctor/robert-sargis	2019
40	Beutler,Lisa	Lisa Beutler	Medicine, Northwestern University	Dissecting carbohydrate-mediated regulation of gut-brain communication	https://www.feinberg.northwestern.edu/faculty-profiles/az/profile.html?xid=44145	2020
41	Esterhazy,Daria	Daria Esterhazy	Pathology, University of Chicago	Duodenal control of pancreatic immunity via shared lymph node drainage	https://pathology.uchicago.edu/faculty/daria-esterhazy-phd	2020
42	Xu,Pingwen	Pingwen Xu	Medicine, University of Illinois at Chicago	Preoptic anterior hypothalamus receptor-alpha controls energy homeostasis	https://chicago.medicine.uic.edu/departments/academic-departments/medicine/endocrinology-diabetes-metabolism/people/name/pingwen-xu/	2020
43	Casimiro,Isabel	Isabel Casimiro	Medicine, University of Chicago	Identification of allograft inflammatory factor-1 human isoforms and SNPs in metabolic disease.	https://www.queens.org/providers/2551/isabel-casimiro/	2020
44	Mohamed,Abeer	Abeer Mohamed	Medicine, University of Illinois at Chicago	Role of adipocyte-derived vesicles in diabetes-associated endothelial dysfunction	https://chicago.medicine.uic.edu/directory/name/abeer-mohamed/	2021
45	Peek,Clara	Clara Peek	Biochemistry, Northwestern University	Role of Clock-HIF signaling in adult muscle stem cell regenerative capacity during obesity	https://www.feinberg.northwestern.edu/faculty-profiles/az/profile.html?xid=32452	2021
46	Papavasiliou,Georgia	Georgia Papavasiliou	Biomedical Engineering, Illinois Institute of Technology/Medicine	Biocompatible nanoparticle emulsions for healing chronic diabetic wound infection	https://www.iit.edu/directory/people/georgia-papavasiliou	2021
47	Priyadarshini,Medha	Medha Priyadarshini	Medicine, University of Illinois at Chicago	Microbiota-aryl hydrocarbon receptor axis in pregnancy insulin resistance	https://ure.uic.edu/browse_dept.php?prof=mpriva2	2022
48	Lou,Xuelin	Xuelin Lou	Cell Biology, Neurobiology and Anatomy, Medical College of Wisconsin	Understanding cortical actin nanoremodeling in insulin secretion and beta cell dysfunction	https://www.mcw.edu/departments/cell-biology-neurobiology-and-anatomy/people/xuelin-lou-phd	2022
49	Chevrier,Nicolas	Nicolas Chevrier	Molecular Engineering,University of Chicago	Organism-wide analysis of Type 1 diabetes	https://chevrierlab.org/	2022
50	Light,Sam	Sam Light	Microbiology, University of Chicago	Characterizing gut microbiome activities with implications for prebiotic or probiotic type 2 diabetes treatments	https://www.lightlab.uchicago.edu/	2022
51	Hanson,Summer	Summer Hanson	Sugery, University of Chicago	Engineered Adipose Therapeutics for Reconstruction (EASTR): Building a platform for adipose derived stem cell supplemented grafts	https://surgerv.uchicago.edu/faculty/summer-hanson-md	2022
52	Afelik,Solomon	Solomon Afelik	University of Illinois at Chicago	Defining the role of Wnt/beta-catenin signaling in beta-cell regeneration from adult pancreatic duct cells	https://chicago.medicine.uic.edu/education/masters-and-doctorate-programs/graduate-education-in-biomedical-sciences-gems/students/rotation-projects-solomon-afelik/	2022

53	Keenan,Robert and Pan,Tao	Robert Keenan and Tao Pan	Microbiology, University of Chicago	Mechanisms of translational regulation by mRNA pseudouridine modification	https://biophysics.uchicago.edu/the-faculty/robert_keenan/ AND https://micro.uchicago.edu/program/faculty/tao-pan	2022
54	Chen, Mengjie	Mengjie Chen	University of Chicago	Leveraging single-cell multi-omics data and genetic studies to understand β -cell compensation failure in T2D	https://ggsb.uchicago.edu/faculty/mengjie-chen-phd	2023
55	Jain, Rajesh	Rajesh Jain	University of Chicago	Assessing Bone Fragility in Patients with Diabetes	https://med-faculty.bsd.uchicago.edu/Default/Details/13612	2023
56	Jiang, Yuwei	Yuwei Jiang	University of Illinois at Chicago	The role of CCL22/CCR4 in beige adipocyte recruitment and metabolic health	https://physiology.uic.edu/faculty/faculty.html?fac=yuweijiang	2023
57	Morselli, Lisa	Lisa Morselli	Medical College of Wisconsin	Circulating Agouti-related peptide and glucagon-like peptide 1 secretion	https://www.mcw.edu/departments/medicine/divisions/endocrinology-and-molecular-medicine/people/lisa-morselli-md-phd	2023
58	Rinella, Mary E.	Mary E. Rinella	University of Chicago	Changes in Glucose Tolerance in Patients with Cirrhosis Peri-Liver Transplant	https://bucksbaumstitute.uchicago.edu/bio/mary-rinella-md/	2023
59	Khan, Wasim	Wasim Khan	University of Illinois at Chicago	The role of the novel hexokinase, HKDC1, in metabolic-associated steatohepatitis (MASH) progression	https://chicago.medicine.uic.edu/medicine/profiles/khan-wasim/	2024
60	Lerner, Talia	Talia Lerner	Northwestern	Developing a theory of central predictive control to maintain body weight.	https://www.feinberg.northwestern.edu/faculty-profiles/az/profile.html?xid=35766	2024
61	Prochaska, Megan	Megan Prochaska	The University of Chicago	Links between metabolic syndrome, inflammation, and obesity in kidney stone patients.	https://biologicalsciences.uchicago.edu/faculty/megan-l-prochaska	2024
62	Shen, Lin	Lin Shen	The University of Chicago	The impact of T cell antigen receptor signaling on the development of Type 1 diabetes	https://biologicalsciences.uchicago.edu/faculty/lin-shen	2024
63	Sweeney, Elizabeth	Elizabeth Sweeney	Medical College of Wisconsin	Mechanistic investigations into the role of NOX5 in mesangial dysfunction in response to high glucose	https://www.mcw.edu/departments/biochemistry/people/elizabeth-a-sweeny-phd	2024