

Chicago Diabetes Research & Training Center
Pilot & Feasibility Program Award Recipients

Last Updated 03/23

| P&F # | PI (Dept.) | Department At Time of Award | Faculty Profile Link (as of March 2023) | Award Start Year | Pilot Project Title |
|-------|----------------------------|---|---|------------------|--|
| 1 | Brey, Eric / Cohen, Ronald | Biomedical Engineering, Illinois Institute of Technology/Medicine | https://klesse.utsa.edu/faculty/profiles/brey-eric.html | 2012 | Extracellular matrix mediated adipocyte differentiation and insulin sensitivity |
| 2 | Dudley, Sam | Medicine, University of Illinois at Chicago | https://med.umn.edu/bio/samuel-dudley | 2012 | Diabetes mellitus and diastolic function |
| 3 | Sargis, Robert | Medicine, University of Chicago | https://chicago.medicine.uic.edu/directory/name/robert-sargis/ | 2012 | Environmental endocrine disruption and global energy metabolism |
| 4 | Tamarina, Natalia | Medicine, University of Chicago | https://profiles.uchicago.edu/profiles/display/36747 | 2012 | Role of Heat Shock Protein 90 in insulin secretion |
| 5 | Dalgin, Gokhan | Organismal Biology & Anatomy, University of Chicago | | 2013 | Identification of novel beta cell targets to improve cell based therapies |
| 6 | Knutson, Kristen | Medicine, University of Chicago | https://www.feinberg.northwestern.edu/faculty-profiles/az/profile.html?xid=37050 | 2013 | Adipocyte insulin sensitivity, adipokines and incretins: link with sleep and race |
| 7 | Naylor, Rochelle | Pediatrics, University of Chicago | http://med-faculty.bsd.uchicago.edu/Default/Details/11896 | 2013 | Racial and Ethnic Differences in Attitudes Toward Genetic Testing in Diabetes |
| 8 | Palmer, Abraham | Human Genetics, University of Chicago | https://profiles.ucsd.edu/abraham.palmer | 2013 | Mapping Epistatic Modifiers of Diabetes using the Akita Mouse Model |
| 9 | Haus, Jacob | Kinesiology and Nutrition, University of Illinois at Chicago | https://www.kines.umich.edu/directory/jacob-haus | 2014 | Links between skeletal muscle contraction and RAGE ectodomain shedding |
| 10 | Kidambi, Srividya | Medical College of Wisconsin | https://www.froedtert.com/doctors/srividya-kidambi-1376614446 | 2014 | Visceral and subcutaneous adipose tissue characteristics among lean and obese patients |
| 11 | Im, Hae Kyung | Medicine, University of Chicago | https://biologicalsciences.uchicago.edu/faculty/hae-kyung-im-phd | 2014 | Systems approach to discover biological mechanisms of complex traits |
| 12 | Peterson, Daniel | Neurology, Rosalind & Franklin University | https://www.rosalindfranklin.edu/academics/faculty/daniel-a-peterson/ | 2014 | Defining stem cell populations in diabetic skin |
| 13 | Reardon, Catherine | Pathology, University of Chicago | https://metabolism.uchicago.edu/program/faculty/catherine-reardon-alulis | 2014 | Apoprotein E expression in adipose tissue |
| 14 | Barish, Grant | Medicine, Northwestern University | https://www.feinberg.northwestern.edu/faculty-profiles/az/profile.html?xid=24639 | 2015 | Transcriptional repression by BCL6 suppresses adipogenesis and insulin sensitivity |
| 15 | Broniowska, Katarzyna | Biochemistry, Medical College of Wisconsin | | 2015 | The role of reactive oxygen and nitrogen species in pathogenesis of diabetes |
| 16 | Byrn, Mary | Nursing, Loyola University | https://www.luc.edu/nursing/facultyandstaff/facultydirectory/byrnmmary.shtml | 2015 | Can vitamin D3 improve cognitive function in individuals with type 2 diabetes? |

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| 17 | Layden, Brian | Medicine, Northwestern University and University of Illinois Chicago | https://chicago.medicine.uic.edu/departments/academic-departments/medicine/endocrinology-diabetes-metabolism/people/name/brian-layden/ | 2015 | A novel role of FFAR2 in pancreatic beta cell function |
| 18 | Weinberg, David | Ophthalmology, Medical College of Wisconsin | https://www.mcw.edu/departments/ophthalmology-eye-institute/doctors/weinberg-david-v-md | 2015 | Adaptive optics vascular imaging in diabetic retinopathy |
| 19 | Bass, Joseph | Medicine, Northwestern University | https://www.feinberg.northwestern.edu/faculty-profiles/az/profile.html?xid=14103 | 2016 | Prevention of type-2 diabetes: the circadian system as a novel target for long-term maintenance of weight loss |
| 20 | Becker, Lev | Ben May Dept. for Cancer Research, University of Chicago | https://metabolism.uchicago.edu/program/faculty/lev-becker | 2016 | Type 2 diabetes promotes aortic macrophage dysfunction via IFNgamma |
| 21 | Pritchard, Kirkwood | Pediatric Surgery, Medical College of Wisconsin | https://www.mcw.edu/departments/surgery/divisions/pediatric-surgery/people/kirkwood-pritchard-phd | 2016 | Diabetes increases injury/reperfusion injury after thrombolysis |
| 22 | Rosenthal, Ann | Medicine, Medical College of Wisconsin; Clement J. Zablocki VA Medical Center | https://www.mcw.edu/find-a-doctor/rosenthal-ann-k-md | 2016 | The polyol pathway exacerbates OA in diabetes |
| 23 | Li, Yan Chun | Medicine, University of Chicago | https://biologicalsciences.uchicago.edu/faculty/vanchun-li-phd | 2017 | Metabolic Dysregulation and Gut Innate Immunity |
| 24 | Liew, Chong Wee | Physiology and Biophysics, University of Illinois at Chicago | https://physiology.uic.edu/faculty/faculty.html?fac=chongliew | 2017 | Modulating brown fat glucose metabolism for systemic glucose homeostasis |
| 25 | Palygin, Oleg | Physiology, Medical College of Wisconsin | https://education.musc.edu/MUSCApps/FacultyDirectory/Palygin-Oleg | 2017 | The role of protease-activated receptors in diabetic nephropathy |
| 26 | Pan, Tao | Biochemistry and Molecular Biophysics, University of Chicago | https://micro.uchicago.edu/program/faculty/tao-pan | 2017 | Mistranslation as a potential contributing factor to diabetes |
| 27 | Ren, Decheng | Medicine, University of Chicago | | 2017 | The role of VIMP in adipogenesis |
| 28 | Wu, Rongxue (Rosie) | Medicine, University of Chicago | https://metabolism.uchicago.edu/program/faculty/rongxue-wu | 2017 | Reduction of endothelial ARNT mediates cardiovascular dysfunction in diabetes |
| 29 | Nobrega, Marcelo | Human Genetics, University of Chicago | https://hgen.uchicago.edu/program/faculty/marcelo-nobrega | 2017 | An integrated OMICs platform to characterize genetic loci associated with diabetes and obesity |
| 30 | Hara, Manami | Medicine, University of Chicago | http://med-faculty.bsd.uchicago.edu/Default/Details/1857 | 2018 | Three-dimensional analysis of the pancreatic extracellular matrix |
| 31 | Kadakia, Rachel | Pediatrics, Northwestern University | https://profiles.ucsf.edu/rachel.kadakia | 2018 | Newborn metabolites, genotype and adiposity: an integrated approach to prediction of childhood diabetes |
| 32 | Leone, Vanessa | Medicine, University of Chicago | https://andysci.wisc.edu/directory/vanessa-leone/ | 2018 | Gut microbial drivers of host circadian networks: Interventions for treatment of metabolic syndrome |

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| 33 | Greeley, Siri Atma | Pediatrics, University of Chicago | https://pediatrics.uchicago.edu/faculty/siri-atma-w-greeley-md-phd | 2018 | Newborn screening for earlier diagnosis and treatment of congenital diabetes |
| 34 | Bhushan, Abhinav | Biomedical Engineering, Illinois Institute of Technology | https://www.iit.edu/directory/people/abhinav-bhushan | 2018 | Development of a platform for personalized metabolic assessment on chip |
| 35 | Cordoba-Chacon, Jose | Medicine, University of Illinois at Chicago | https://chicago.medicine.uic.edu/departments/academic-departments/medicine/endocrinology-diabetes-metabolism/people/name/jose-chacon/ | 2019 | Suppression of hepatic glucose production by conjugated linoleic acids |
| 36 | Jiang, Yuwei | Physiology and Biophysics, University of Illinois at Chicago | https://physiology.uic.edu/faculty/faculty.html?fac=yuwei Jiang | 2019 | Increasing beige fat longevity for metabolic health in obesity and diabetes |
| 37 | Reutrakul, Sirimon | Medicine, University of Illinois at Chicago | https://chicago.medicine.uic.edu/directory/name/sirimon-reutrakul/ | 2019 | Circadian and sleep functioning and their relationship with intrinsically photosensitive retinal ganglion cells in diabetic retinopathy |
| 38 | Sahoo, Daisy | Medicine, Medical College of Wisconsin | https://www.mcw.edu/departments/medicine/divisions/endocrinology-and-molecular-medicine/people/daisy-sahoo-phd | 2019 | Oxidized HDL: A role in beta cell function? |
| 39 | Sargis, Robert | Medicine, University of Illinois at Chicago | https://hospital.uillinois.edu/find-a-doctor/robert-sargis | 2019 | Environmental disruption of serotonin disposal in the etiology of gestational diabetes |
| 40 | Beutler, Lisa | Medicine, Northwestern University | https://www.feinberg.northwestern.edu/faculty-profiles/az/profile.html?xid=44145 | 2020 | Dissecting carbohydrate-mediated regulation of gut-brain communication |
| 41 | Esterhazy, Daria | Pathology, University of Chicago | https://pathology.uchicago.edu/faculty/daria-esterhazy-phd | 2020 | Duodenal control of pancreatic immunity via shared lymph node drainage |
| 42 | Xu, Pingwen | Medicine, University of Illinois at Chicago | https://chicago.medicine.uic.edu/departments/academic-departments/medicine/endocrinology-diabetes-metabolism/people/name/pingwen-xu/ | 2020 | Preoptic anterior hypothalamus receptor-alpha controls energy homeostasis |
| 43 | Casimiro, Isabel | Medicine, University of Chicago | https://www.queens.org/providers/2551/isabel-casimiro/ | 2020 | Identification of allograft inflammatory factor-1 human isoforms and SNPs in metabolic disease. |
| 44 | Mohamed, Abeer | Medicine, University of Illinois at Chicago | https://chicago.medicine.uic.edu/directory/name/abeer-mohamed/ | 2021 | Role of adipocyte-derived vesicles in diabetes-associated endothelial dysfunction |
| 45 | Peek, Clara | Biochemistry, Northwestern University | https://www.feinberg.northwestern.edu/faculty-profiles/az/profile.html?xid=32452 | 2021 | Role of Clock-HIF signaling in adult muscle stem cell regenerative capacity during obesity |
| 46 | Papavasiliou, Georgia | Biomedical Engineering, Illinois Institute of Technology/Medicine | https://www.iit.edu/directory/people/georgia-papavasiliou | 2021 | Biocompatible nanoparticle emulsions for healing chronic diabetic wound infection |