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OCTOBER 2022

2020 DRC PILOT & FEASIBILITY AWARDEE
DR. MIA SMITH - LESSONS & TRIUMPHS



How did the P&F award help your research?

I started my lab in July 2019 at the Barbara Davis Center. As a junior faculty member, the DRC P&F award was the first grant that I received as an independent investigator. This award was instrumental to helping kickstart my research program by covering cost of supplies, human subject payments, equipment costs, and employee salaries. Moreover, results generated from my P&F award were used as preliminary studies for a larger NIH R03 application, which was successfully funded. More recently, findings from this P&F award have been incorporated into a manuscript that is currently under consideration and we hope to be published soon. I believe without a doubt that the P&F award helped establish my independent research program.

Do you believe this award helped develop you professionally? If so, how?

This award helped develop me professionally in many ways. First of all, it helped build my credibility as an independent investigator by demonstrating to others my ability to obtain outside funding through a peer review process. Perhaps even more important, this award also helped instill confidence in myself that I can be a Principal Investigator, after having written the application without any outside assistance. In addition, findings from this study has helped me to become more recognized in the T1D research field. I have been invited to talk at multiple conferences to present findings from this study over the last year and will continue to do so in the coming year.

What advice would you give to yourself in April 2020, when you first received this award? And/or What were the major lessons you learned in the last 2 years?

When I think back to April 2020, I am reminded of what I am sure everyone else thinks of...the beginning of the pandemic. It wasn't easy trying to get a human subject study going during a pandemic. We were all working from home, in-person patient visits had mostly become telehealth visits, and there was now a new concern with working with potentially SARS-CoV-2 infected human blood. However, I would say to myself 2 years ago to just keep going and don't be afraid to ask for help. In order to help increase study enrollment, even after the return of in-person visits to the clinic, I ultimately had to seek help from DRC Director, Dr. Lori Sussel, to assist in setting up a pipeline to help me recruit study subjects from the BDC. This was ultimately very successful and I was able to recruit all subjects within a short period of time.



**CONGRATULATIONS VIRA KRAVETS,
PHD!**

Vira Kravets, a Postdoctoral Fellow in Dr. Richard Benninger's lab was recently awarded the Career Award at the Scientific Interface from the Burroughs Wellcome Fund (BWF): an American non-profit medical research organization that provides funding for biomedical research, STEM education, and areas of career development for scientists. BWF's Career Awards at the Scientific Interface (CASI) provide \$500,000 over five years to bridge advanced postdoctoral training. In this year's competition, more than 250 preproposals were submitted. From this group 91 were invited to submit full proposals, and from that group, 21 applicants were invited to interview virtually.

UC San Diego

Vira has recently accepted a joint appointment between the Department of Bioengineering and Department of Pediatrics at the University of California San Diego - an Assistant Professor. She will begin her new appointment in January 2023. Best of luck, you will be missed!

Vira also received the Human Islet Research Network (HIRN) "Emerging leaders in T1 Diabetes" Funding award from the National Institute of Diabetes and Digestive and Kidney Diseases. NIH-NIDDK conducts and supports research on many of the most common, costly, and chronic conditions to improve health. This funding opportunity was designed to provide support and protected time for senior postdocs seeking to pursue studies that will enhance their transition toward independent research careers. Vira's research focuses on diabetes onset, specifically how to develop a therapy for diabetes prevention for cell subpopulations.

DRC Director, Lori Sussel, PhD
Speaker at Annual European Association for the
Study of Diabetes in Stockholm

"Epigenetics and lncRNA in diabetes development"



EASD holds its Annual Meeting in a different European city each year with more than 15,000 delegates from over 130 countries attending. The scientific programme includes more than 1,200 talks and presentations on the latest results in diabetes research by leading experts in the field.



Diabetes Research Center
UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS



RESEARCH IN PROGRESS SEMINAR SERIES
FALL 2022

*Mondays at 12:00pm
BDC Main Conference Room 2104*

Monday, September 12, 2022	Prashanth Francis, MD PhD
Monday, September 19, 2022	Dylan Sarbaugh
Monday, September 26, 2022	Mia Smith, PhD
Monday, October 3, 2022	James Scott-Browne, PhD
Monday, October 10, 2022	Yan Li, PhD (Guest Speaker)
Monday, October 17, 2022	Srividhya Iyer, PhD
Monday, October 24, 2022	Jordan Jacobelli, PhD
Monday, October 31, 2022	Laurel Messer, PhD
Monday, November 7, 2022	Kalie Tommerdahl, MD
Monday, November 14, 2022	Roberto Castro-Gutierrez
Monday, November 21, 2022	Thanksgiving Break
Monday, November 28, 2022	City of Hope Diabetes Research Symposium
Monday, December 5, 2022	Rachel Friedman, PhD
Monday, December 12, 2022	Yong Kim, PhD
Monday, December 19, 2022	Holiday Break
Monday, December 26, 2022	Holiday Break

Questions? Contact Lisbel Woods at Lisbel.Woods@CUAnschutz.edu

DRC SPEAKER SERIES ANNOUNCED FOR 2022-2023 ACADEMIC YEAR, PLEASE JOIN US!

All seminars will take place in the Shore Family Auditorium unless otherwise noted in green.

2022-2023 DRC Diabetes Speaker Series
Barbara Davis Center for Diabetes Series Roster

Seminars will take place in person on Fridays at 12pm MT

All seminars will have a link provided for registration.

For administrative assistance: Christy Vasey, christy.vasey@cuanschutz.edu, 303-724-9787

Friday, September 9, 2022 Fulginiti Pavilion	Bethany Cummings, DVM, PhD Associate Professor	Department of Surgery UC Davis
Friday, September 23, 2022	Dirk Homann, MD Professor	Icahn School of Medicine Mount Sinai
Friday, October 7, 2022	Sarah Lessard, MSc, PhD Assistant Professor	Joslin Diabetes Harvard Medical School
Friday, October 21, 2022	Marissa Brissova, PhD Research Professor of Medicine	Director, Islet Procurement and Analysis Core Director, Human Islet Phenotyping Program of IIDP Vanderbilt University
Friday, November 4, 2022	Rachel Bonami, PhD Assistant Professor of Medicine	Division of Rheumatology and Immunology Pathology, Microbiology, and Immunology Vanderbilt University Medical Center
Friday, November 18, 2022	Matthew L. Bettini, PhD Associate Professor	Department of Pathology Division of Microbiology and Immunology University of Utah
Friday, December 2, 2022 Fulginiti Pavilion	TBD	
Friday, January 6, 2023	Leonardo M.R. Ferreira, PhD Assistant Professor	Microbiology and Immunology Regenerative Medicine and Cell Biology Medical University of South Carolina
Friday, January 20, 2023	Rebecca L. Hull, PhD Research Professor	Director, Cellular and Molecular Imaging Core Division of Metabolism, Endocrinology and Nutrition University of Washington
Friday, February 3, 2023	TBD	
Friday, February 17, 2023	Todd Brusko, PhD Professor	Department of Pathology, Immunology and Laboratory Medicine University of Florida Diabetes Institute (UFDI)
Friday, March 3, 2023	Hubert M. Tse, PhD Professor	Comprehensive Diabetes Center Heersink School of Medicine University of Alabama at Birmingham
Friday, March 17, 2023	BDC Diabetes Day Symposium Keynote Speaker: Mark Atkinson, PhD Professor	Director, UF Diabetes Institute Departments of Pathology and Pediatrics University of Florida
Friday, March 31, 2023	Megan Levings, PhD Professor	Department of Surgery Lead, Childhood Diseases BC Children's Hospital Research Institute
Friday, April 14, 2023	Samuel Klein, MD Professor	Chief, Division of Geriatrics and Nutritional Science Washington School of Medicine in St. Louis
Friday, April 28, 2023	Joana Almada, PhD Research Assistant Professor	University of Miami Miller School of Medicine
Friday, May 12, 2023	Denise Feig, MD MSc, FRCPC Professor	Obstetrics & Gynecology, and Health Policy, Management & Evaluation Head, Diabetes & Endocrinology in Pregnancy Program Mt Sinai Hospital, Toronto, Canada



JOB POSTINGS



Assistant Professor - Chancellor's Joint Initiative: Pharmacology/Chemistry & Biochemistry

The focus of this search is in the broad areas of Metabolism, Mitochondria, and Human Diseases. Successful candidates will be expected to have a strong record of research accomplishments and funding and an innovative plan for their future research.

Click [Here](#) to see the full job description & posting



National Institute of
Diabetes and Digestive
and Kidney Diseases

The NIDDK currently has two open positions for **Program Directors** in the Division of Diabetes, Endocrinology and Metabolic Diseases (DDEMD) at NIDDK. One is for Diabetes Clinical and Translational Research and the other for Diabetes Clinical Research.

Click [Here](#) to read more about the Program Director for Diabetes Clinical & Translational research

Click [Here](#) to read more about the Program Director for Diabetes Clinical Research

OPPORTUNITIES FOR FUNDING

ADA Now Accepting Research Applications for their Fall 2022 Grant Cycle



Connected for Life

The American Diabetes Association® (ADA) is excited to launch three new research opportunities for our [Fall 2022 Cycle](#). These requests for applications (RFAs) aim to fund

innovative inquiries and usher in the next generation of scientific breakthroughs.

Supporting the Psychological and Emotional Needs of People with Diabetes – solicits proposals to fund translational research to more effectively deliver personalized, patient-centered psychological and emotional care that considers the context of the person with diabetes, as well as their individual values and preferences. Research areas may include but are not limited to strategies for improving patient communications and interactions, problem identification, psychosocial screening, diagnostic evaluation, intervention, and intervention scalability. For the purposes of this RFA, research proposals focusing on potential physiological and biological underpinnings of psychological conditions are out of scope.

Tackling the Epidemic of Youth-Onset Type 2 Diabetes – solicits proposals to address key knowledge gaps in youth-onset T2D in order to better understand, prevent, treat, and ultimately induce remission for the rapidly increasing numbers of affected individuals. Applications that focus on disadvantaged lower socioeconomic level families where the burden of disease is greatest are strongly encouraged. Emphasis will be placed on clinical and translational research.

Improving the Lives of Women with Diabetes across the Lifespan – soliciting proposals for research to better understand clinically important sex and gender differences to optimally inform prevention, diagnosis and treatment strategies for women across the lifespan and the development of sex-specific clinical guidelines where warranted. While this call is broad in scope and encompasses basic through clinical research, significant emphasis will be placed on diabetes clinical research and translation.

Contact Research Programs at grantquestions@diabetes.org with any questions.

Understanding the Pathophysiology and Clinical Course of New-Onset Diabetes Following COVID-19 (U01 Clinical Trial Not Allowed) (RFA-DK-22-016)



This Funding Opportunity Announcement invites multiple Program Director/Principal Investigator (multi-PD/PI) applications to conduct a study to establish a longitudinal cohort of individuals who developed diabetes following SARS-CoV-2 infection to understand the pathophysiology and clinical course post-COVID-19 diabetes. The cohort must include children and adults and reflect the geography and demographics of COVID-19 in the U.S. There must be an appropriate comparator population recruited and followed. The goals are to determine the contribution of: 1) specific pathophysiologic pathways; 2) overall health impact of the pandemic; 3) COVID-19 severity, and 4) COVID-19 treatment upon excess new onset diabetes from SARS-CoV-2 infection and response to diabetes therapy.

Letter of Intent due November 20, 2022

Notice Number: RFA-DK-22-016

Release Date: July 13, 2022

Application Due Date: December 20, 2022

Expiration Date: December 21, 2022

Click [here](#) to access the full RFA



Click Here to see all current NIH NIDDK RFAs

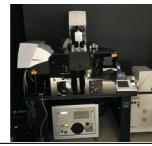


University of Colorado
Anschutz Medical Campus

Click here to see current CU INTERNAL Limited Submission Funding Opportunities

Have you considered using a DRC core service?

The DRC contains four biomedical cores that provide services and resources to DRC investigators. These cores are designed to facilitate and broaden CU Denver DRC research by expanding access to shared equipment, enhancing availability and training for emerging technologies, and allowing scientists to have greater access to clinical tissue and data.



Cell and Tissue Analysis
Access to state-of-the-art multi-color confocal microscopy, flow cytometry analysis and cell sorting services, and expert assistance for mass cytometry and ion-beam imaging technologies.

Learn More about
Cell & Tissue
Analysis



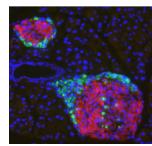
Clinical Resources
Access to an integrated, campus-wide, research registry enabling informatics-based clinical studies.

Learn More about
our Clinical
Resources



Disease Modeling
Access and training in stem cell technologies for in vitro human disease modeling of diabetes & molecular core services.

Learn More about
Disease Modeling



Tissue Procurement & Processing
Access to islet isolation and transplantation services along with access to commonly used cell lines and diabetes-related histology techniques.

Learn More about
Tissue Procurement
& Processing

Want us to feature you or a colleague?

on an upcoming DRC newsletter?
Have an important research update?

Click Here to Submit a Story to the DRC Monthly Newsletter



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Please remember to acknowledge support from the University of Colorado Diabetes Research Center and our associated cores by referencing NIDDK grant #P30-DK116073 in your presentations and publications.

Click here to visit the DRC Website

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Please contact Lisbel.Woods@CUAnschutz.edu with any questions or feedback about this newsletter

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