DR. T’S CORNER

GATES GRUBSTAKE FUNDING OPPORTUNITY
Request for Proposals

1. SUMMARY

The Gates Center for Regenerative Medicine and CU Innovations are pleased to announce a request for proposals. The Gates Grubstake Fund is focused on accelerating basic, clinical, and translational research related to the field of regenerative medicine.

- Treatments (e.g. biologics, small molecules, cell therapies)
- Diagnostics, platforms and research tools (e.g. biomaterials, scaffolds, therapeutic targets, cell expansion methods)
- Devices (e.g. drug delivery, implants, restoration)
- Cell biology and tissue engineering

Investigators are encouraged to apply if their programs fall within or even adjacent to these fields.

Interested investigators affiliated with the University of Colorado, Children’s Hospital Colorado, and the UCHealth System are encouraged to submit an application. Multiple awards will be granted; the funding limit is $350,000 per award.

2. GUIDELINES

- The application and submission information can be found at this link.
- Please contact Heather.Callahan@ucdenver.edu for questions
- Written applications are due by 5 pm Friday, October 20, 2017
- Investigators whose applications are selected for presentation will be notified in early November, 2017
- Presentations to the Investment Committee will be in December, 2017
- Awardees will be notified by the end of January, 2018

Linda Crnic Institute for Down syndrome Research Symposium,

You are invited to attend the sixth annual Linda Crnic Institute for Down Syndrome Research Symposium, which will be held on the Anschutz Medical Campus Education Building 2 South, in Room 1002, on Tuesday, October 24th from 10:00 a.m. to 3:00 p.m. I hope everyone with interest in Down syndrome research will attend. Our keynote this year will be delivered by Dr. John Crispino, from Northwest University.

The Crnic Institute provides significant research funding to support continuing and new projects related to Down syndrome, and attendance at the symposium is a prerequisite for eligibility for this
funding. Down syndrome is the leading genetic cause of cognitive disability in humans. There are also significant implications for understanding Alzheimer’s disease, cancer and several other co-morbidities. The research grants will be available for labs at both Boulder and AMC campuses of the University of Colorado. Please plan on attending and learning a lot about the Linda Crnic Institute and about Down syndrome.

The schedule for the symposium can be found at the link provided below: 

To attend the symposium, you will need to register. Registration and additional information regarding the symposium can be found at the link provided below:
http://www.ucdenver.edu/academics/colleges/medicalschool/institutes/lindacrnic/Newsevents/Pages/Symposium.aspx

Attendance at this symposium is required in order to apply for the Crnic Grand Challenge Grants Program. In any case, we encourage you to attend the symposium even if you are not planning to apply for a grant. You will be exposed to both fascinating scientific ideas and interesting medical problems that may induce you to consider to beginning a project in this area. More information on the Grand Challenge Grants Program can be found at the link provided below:
http://www.ucdenver.edu/academics/colleges/medicalschool/institutes/lindacrnic/research/Pages/GrandChallengeGrants.aspx

Please join us after the symposium for a reception to celebrate Dr. Tom Blumenthal and recent transition in leadership at the Crnic Institute. I hope to see you there

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**RESEARCH CORNER**

Allison Shapiro, MPH, Ph.D. is a current postdoctoral research fellow in the Department of Psychiatry. Allison received her MPH in epidemiology and biostatistics from the Oregon Health & Sciences University, and her Ph.D. in epidemiology from the Colorado School of Public Health at UC Anschutz. From studying nutrition in pregnancy and its impact on the development of infant adiposity via population science and a stem cell model of adipogenesis, to investigating the role of obesity and diabetes in pregnancy in offspring neurodevelopment using functional neuroimaging, Allison is addressing the developmental origins of obesity and metabolic disease in the next generation using a systems science approach.

Through her ongoing cross-disciplinary training under the mentorship of Drs. Jason Tregellas and Dana Dabelea, Allison incorporates methodologies from lifecourse epidemiology, nutrition and metabolism, developmental psychobiology, and neuroimaging to study how the brain interacts with the body to contribute to obesity and metabolic disease risk. Allison’s current work includes investigating the relationship between exposure to gestational diabetes *in utero* and offspring eating behaviors. She is also leading a neuroimaging pilot, which seeks to establish the “typical” hypothalamic response to a glucose load in healthy adults and the brain networks involved in this response. As a trainee in the Developmental Psychobiology, Psychopathology and Behavior T32 program, Allison will be investigating how exposure to obesity and diabetes *in utero* affect offspring cognitive development of attention and executive function and associated brain networks in a large, pre-birth cohort of 4-6 year-old children in Colorado.

Allison’s ongoing research aims to connect the dots between the developing brain and body, and how these connections can inform future, multimodal interventions for the prevention of obesity and metabolic-related diseases across the lifecourse in at-risk individuals.