

The Collaboration and Multidisciplinary Team Science (CMTS) module of the CTSI-CN announces the FALL 2018 Voucher Award Program

Multiple awards (\leq \$4K each) are available for “*shovel-ready*” projects that will lead to paper and/or proposal submissions within 6 months of the award.

All high impact research relevant to health and well-being throughout the lifespan is eligible. Support is not limited to research related to children.

Junior faculty are preferred, but ALL faculty are eligible, except those who received vouchers within the past year (9/30/17-present).

If needed, IRB (for human subjects research) or IACUC (for research involving animals) approval MUST be present at the time of application.

Awarded funding will expire May 31, 2019, no extensions.

Funds may be used for services, supplies, and participant incentives. Utilization of CTSI-CN services or institutional cores is highly encouraged. A list of eligible (GW/CNMC) service providers follows these guidelines. Funds may **NOT** be used for consultants, salaries, student stipends, travel, publication fees, or computer hardware.

Budget questions should be sent to: Valery Yankov: VYankov@childrensnational.org (CNMC) or Lydia Prentiss: lydiaprentiss@email.gwu.edu (GWU), well before the application deadline.

Proposals are limited to **2 pages** (Ariel, 11 point font) and should include: 1) title 2) abbreviated budget, 3) timeline and 4) brief description of the project (intro, significance, aim(s), research plan) and 5) expected deliverable(s) (paper, proposal, patent, or other tangible product), with anticipated submission date. *Items 3-5, along with proof of “shovel-ready” status are the primary review criteria.*

Applications that do not adhere to above guidelines will not be reviewed.

Application deadline: November 27, 2018. Apply at: <https://cri-datacap.org/surveys/?s=AE4YTLLEWF>

An additional, brief form (for NIH review) will need to be completed by all successful applicants, prior to funding.

Questions about this RFA may be sent to: Susan Knoblach PhD: sknoblach@childrensnational.org or Sean D. Cleary PhD: sdcleary@gwu.edu.

Examples of previously funded projects are appended to this RFA.

CTSI-CN or Institutional Service Providers

All cores below are available to all investigators, regardless of their primary institutional affiliation (GW or CNMC). Some core services at each institution overlap and some do not, check with each core to find what best suits your need:

CTSI-CN--Biomedical Informatics - Strategies for research database design; data management (REDCap, OpenClinica); access to high performance computing; access to MedDRA
https://sparc.ctsinc.org/service_requests/7361964/catalog;

CTSI-CN--Clinical Studies Resource - Nursing support; laboratory processing and shipping; bionutrition; neuropsychological evaluation; room and other support for clinical and translational research projects
https://sparc.ctsinc.org/service_requests/7361964/catalog

CTSI-CN--Design, Epidemiology and Biostatistics – Support for optimal study design, epidemiology, and/or biostatistical analysis for clinical and pre-clinical research.
https://sparc.ctsinc.org/service_requests/7361964/catalog. At GW, BECS:
<https://publichealth.gwu.edu/projects/biostatistics-and-epidemiology-consulting-service-becs#requestservices>

For Additional GWU Service Centers: <https://comptroller.gwu.edu/service-and-recharge-centers>

Innovation Services at CNMC:

Proteomics--Aswini Panigrahi at apanigrahi@childrensnational.org

Genomics--Susan Knoblach at sknoblach@childrensnational.org or <http://j.mp/2DRU3Cn>

High Content Data Analysis (sequencing/arrays etc)--<http://j.mp/2FSWz7s>

FACS--Chris Lazarski at clazarsk@childrensnational.org

Device Development (3D printing, design, prototyping)--Kevin Cleary at kcleary@childrensnational.org

For more information and access to these services use the links or email contacts above. Applicants are expected to meet with the above service providers prior to submission to obtain accurate budget information.

IF you are a service provider, do not see your institutional core listed above, and would like to be included in future voucher RFAs, please contact Susan Knoblach (sknoblach@childrensnational.org).

Jason Patregnani MD	CNMC	Platelet Activation and Acute Lung Injury in Pediatric Patients Undergoing Congenital Heart Surgery
Sally Evans MD	CNMC	Robotically Assisted Rehabilitation for Pediatrics
Sudeepta K Basu MD	CNMC	In vivo quantification of gamma-aminobutyric acid in the developing preterm brain
Allison Meni Sylvetsky PhD	GW	Effects of prolonged low-calorie sweetener exposure on gut microbiota and metabolic health
Diego Preciado MD	CNMC	Characterization of the primary middle ear epithelial cell proteome and secretome during differentiation by mass spectrometry
Yi-Wen Chen DVM, PhD	CNMC	Development of novel diagnostic and research approaches for facioscapulohumeral muscular dystrophy (FSHD) understanding phenotypic variability in individuals with muscular dystrophy using natural history studies to inform exon-skipping therapy
Mathula Thangarajh MD	CNMC	
Dominic Raj MD	GW	Characterization of Gut Microbiota in Patients with Chronic Kidney Disease and Renal Failure
Anthony Sandler MD	CNMC	Define the mechanism of altered tumor cell immunogenicity with Myc targeting
Gustavo Nino MD	CNMC	Age-related Differences In The Immune Responses of the Human Infant Airway Epithelium
John M. Schreiber MD	CNMC	Early detection of myocardial injury in refractory epilepsy and status epilepticus
Pranava Sinha MD	CNMC	CPR-Pro: Development of a Smartphone Application to Provide Real-time CPR Quality Feedback
Andrea Beaton MD	CNMC	Understanding the Natural History of Latent RHD in Ugandan Youth
Ali Ramezani PhD	GW	Investigation of Plasma and Urine miRNA Profiles Associated with Progression of CKD in the CRIC cohort
Kazue Hashimoto-Torii PhD	CNMC	Consulting for Preparation of NIH/NIAAA STTR Application
Tessie October MD, MPH	CNMC	Enhancing Physician Communication Skills
Shilpa Patel MD	CNMC	StethAid for Lungs: A mobile App for Recording Lung Sounds
Lana Ismail MD	CNMC	Evaluating Echocardiography use for Murmurs in the Newborn Nursery
Marcos Perez-Losada PhD	GW	Transmission of Pathogens and Antimicrobial Resistance Genes by Fecal Transplant in Children
Lauren Kenworthy PhD	CNMC	Community-Based Intervention for Children with ADHD and ASD
Ian Toma MD, PhD	GW	Immune Response to Bacillus Calmette-Guerin (BCG) Vaccination in Neonates Born to HIV Infected Pregnant Women
Amanda Visek PhD	GW	Towards Promoting the Health of Children: Secondary Analysis of the FUN MAPS to Sustain Sport-Based Physical Activities
Subechhya Pradhan PhD	CNMC	Optimizing Imaging Techniques for Fetal and Neonatal MRI
Uriyoan Colon-Ramos ScD, MPA	GW	Understanding the Social Drivers for Health: Mechanisms Between Family Environment and Diet Quality Among Latino Adults and Youth
Mary Revenis MD	CNMC	Inflammatory and Brain Injury Biomarkers of Injury in Animal Model of Apnea of Prematurity
Christopher Spurney MD	CNMC	Longitudinal Functional Outcomes with a Focus of Cardiac Health in Boys and Adolescents with Muscular Dystrophy
Laura Tosi MD	CNMC	Validation of Genome Association Studies
Binny Chokshi MD	CNMC	Assessment of Feedback Delivered by Faculty During Observed Structured Clinical Examination
Nikki Posnack PhD	CNMC	Pediatric Risk Assessment of Medical Device Polymers
Youssef Kousa DO, PhD	CNMC	Identification of Host Genetic Risk Factors in Congenital Zika Syndrome

The number of funded investigators from each institution reflects the amount of institutional commitment to the CTSI-CN voucher program.