



LOUISIANA CLINICAL & TRANSLATIONAL SCIENCE CENTER

## LA CATS CENTER INSIDER

### Fall 2022 E-News



In August, we were proud to announce the 5-year renewal of the LA CaTS Center IDeA-CTR grant. The new \$20 million award will bring the total NIH grant support for our CTR to \$60 million over a 15-year period. Our cores, led by group of extraordinary researchers and directors from across the state, have been working hard to plan for our newly awarded cycle. In September, I was privileged to attend the White House Conference on Hunger, Nutrition, and Health. The Biden-Harris Administration announced a goal of ending hunger and increasing healthy eating and physical activity by 2030 so that fewer Americans experience diet-related diseases like diabetes, obesity, and hypertension. In July, leading up to the WH Conference, Pennington Biomedical and the LA CaTS Center led a Louisiana convening that enabled community participants across Louisiana to provide input for the September Conference.

Also in September, the LA CaTS Center team came together for its Annual External Advisory Committee Meeting hosted by Tulane University. Our advisors are accomplished researchers at leading universities across the country with diverse backgrounds that range from CTSA programs, biomedical informatics and programs in health disparities. The guidance and expertise they bring to our CTR is invaluable.

In conclusion, the LA CaTS Center will focus this next 5 years on expanding and strengthening the network, scaling the clinical and community-based advances that were made by addressing health disparities during COVID-19, and creating a sustainable growth model for research infrastructure and the development of a diverse workforce. We continue to see exceptional growth and resiliency of this IDeA-CTR because of the tremendous dedication of all who play a role across our state.

John Kirwan, PhD  
LA CaTS Center IDeA-CTR Director  
Executive Director, Pennington Biomedical Research Center

#### Read more!

- [Press Release on LA CaTS Center IDeA-CTR Renewal](#)
- [National Strategy on Hunger, Nutrition and Health](#)
- [Biden-Harris Administration's fact sheet releasing \\$8 billion in new commitments](#)
- [LA CaTS Center External Advisors](#)

**NISBRE**

National IDeA Symposium of Biomedical Research Excellence

**December 12-14, 2022 Virtual Conference**

(supported by NIH:NIGMS 1U13GM143856-01)



The NISBRE is a national scientific meeting to showcase the scientific and training accomplishments of the IDeA program of the National Institute of General Medical Sciences ([NIGMS](#)). The IDeA program develops scientific centers of excellence and trains biomedical scientists in the [IDeA eligible states](#).



This year's NISBRE (*NIH NIGMS 8<sup>th</sup> Biennial National IDeA Symposium of Biomedical Research Excellence*) Meeting will be held virtually, **December 12-14, 2022**. NISBRE is a national scientific meeting to showcase the scientific and training accomplishments of the IDeA program of NIGMS.

The registration fee for investigators from the [LA CaTS IDeA-CTR partner institutions](#) is covered under the LA CaTS registration fee.

Read more [HERE](#).

## Funding & Training Opportunities

**2023 Underrepresented Minority Roadmap Scholar (UMRS) Program**

**Partners:**

- Pennington Biomedical Research Center Louisiana State University
- LSU Health NEW ORLEANS
- Tulane University

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## Center Spotlight



### LSU Health Shreveport's Dr. Terry Davis Receives 2022 Community Hero Award

Read more [here](#).



### LSU Health-New Orleans' Ochoa receives Prestigious Award from NCI

Read more [here](#).

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## Welcome New LA CaTS Faculty!

The LA CaTS Center Welcomes New Core Faculty-Dr. Kimberly Drews & Dr. Jennifer Caldwell



**Kimberly Drews, PhD**  
LA CaTS Biostatistics, Epidemiology & Research Design (BERD)  
Director

Read bio for Dr. Drews [here](#).



Jennifer Caldwell, PhD  
LA CaTS Community Engagement & Outreach Core Member

Read bio for Dr. Caldwell [here](#).



**N3C** invites you to begin your journey with the Enclave and join the collaborative efforts of our partners to better understand and address the most pressing COVID-19 clinical questions.

### How big is the N3C Data Enclave?

Data within the N3C Data Enclave is provided by **76 sites** from across the nation and contains information about **16.0 million anonymized persons**. The Enclave has **19.4 billion total rows** containing:

6,251,459 COVID+ Cases	3.1 billion Medication Records
1.8 billion Clinical Observations	900.7 million Procedures
9.1 billion Lab Results	951.1 million Visits

Data as of October 20, 2022

### [Read More](#)

Questions? Contact the LA CaTS Biomedical Informatics Team at [Biomedinformatics@LACaTS.org](mailto:Biomedinformatics@LACaTS.org).

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### **N3C Public Health Answers to Speed Tractable Results (PHASTR) Call for Proposals.**

### [Read More](#)

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### **November 2022**

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

### **December 2022**

SUN	MON	TUE	WED	THU	FRI	SAT
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4	5	6	7	8	9	10
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### **Events & Deadlines**

Missed the Oct. 20th LA CaTS Seminar Series?  
[Watch it now!](#)

**Nov. 16:** LA CaTS Baton Rouge Community Advisory Board Meeting

**Nov. 18:** N3C In Depth CMS Training

**Nov. 18:** LA CaTS New Orleans Community Advisory Board Meeting

**Nov. 25:** N3C Public Health Answers to Speed Tractable Results (PHASTR) Call for Proposals Deadline

**Dec. 8:** 2023 LA CaTS Underrepresented Minority Roadmap Scholar Application FAQ - Informational Webinar"

**Dec. 12-14:** 8th Biennial National IDeA Symposium of Biomedical Research Excellence (NISBRE Virtual Conference)

[View Full Calendar](#)

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### LA CaTS in the Community



The Center for Minority Health and Health Disparities Research and Education at Xavier University of Louisiana invites community members to apply to join a Community Advisory Board (CAB), or a network of community members seeking to advocate for local community concerns and to see the improvement of residents' health. There are various boards that we are filling with different missions, all to address health challenges in communities across Louisiana. The interest form is for completion is here: <https://forms.office.com/r/BSad6nGbVq>

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## Recent Publications

[Diabetes Remission in the Alliance of Randomized Trials of Medicine Versus Metabolic Surgery in Type 2 Diabetes \(ARMMS-T2D\).](#)

**Kirwan JP**, Courcoulas AP, Cummings DE, Goldfine AB, Kashyap SR, Simonson DC, Arterburn DE, Gourash WF, Vernon AH, Jakicic JM, Patti ME, Wolski K, Schauer PR. *Diabetes Care.*

[Association of Renin Angiotensin Aldosterone System Inhibitors and Outcomes of Hospitalized Patients With COVID-19.](#)

Gupta N, Settle L, Brown BR, Armaignac DL, Baram M, Perkins NE, Kaufman M, Melamed RR, Christie AB, Danesh VC, **Denson JL**, Cheruku SR, Boman K, Bansal V, Kumar VK, Walkey AJ, Domecq JP, Kashyap R, Aston CE; Society of Critical Care Medicine Discovery Viral Infection and Respiratory Illness Universal Study (VIRUS): COVID-19 Registry Investigator Group. Crit Care Med.

[Using the articularis genu to test peri-articular muscle health during knee osteoarthritis.](#)  
Cruz Ayala JA, Crawford M, Gatterer MC, Tovar M, Rivera JC, Dasa V, Marrero L. Sci Rep.

[Supporting family meal frequency: Screening Phase results from the Simply Dinner Study.](#)  
Kerver JM, Brophy-Herb HE, Sturza J, Horodynski MA, Contreras DA, Stein M, Garner E, Hebert S, Williams JM, Kaciroti N, Martoccio T, Van Egeren LA, Choi H, **Martin CK**, Mitchell K, Dalimonte-Merckling D, Jeanpierre LA, Robinson CA, Lumeng JC. Appetite.

[Visceral, subcutaneous, and total fat mass accumulation in a prospective cohort of adolescents.](#)

Staiano AE, Katzmarzyk PT. Am J Clin Nutr.

[Nutritional quality of calorie restricted diets in the CALERIE™ 1 trial.](#)

Racette SB, Barry VG, Bales CW, McCrory MA, Obert KA, Gilhooly CH, Roberts SB, **Martin CK**, Champagne C, Das SK. Exp Gerontol.

[Association of Obesity and Diabetes With the Incidence of Breast Cancer in Louisiana.](#)

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[Adipocyte-Specific Laminin Alpha 4 Deletion Preserves Adipose Tissue Health despite Increasing Adiposity.](#)

Bailey JL, Burk DH, Burke SJ, Reed SD, **Ghosh S**, **Elks CM**. Biomedicines.

[Coding Long COVID: Characterizing a new disease through an ICD-10 lens.](#)

Pfaff ER, Madlock-Brown C, Baratta JM, Bhatia A, Davis H, Girvin A, Hill E, Kelly L, Kostka K, Loomba J, McMurry JA, Wong R, Bennett TD, Moffitt R, Chute CG, Haendel M; N3C Consortium; RECOVER Consortium. medRxiv.

[Sex differences in determinants of COVID-19 severe outcomes - findings from the National COVID Cohort Collaborative \(N3C\).](#)

Yoshida Y, Chu S, Fox S, Zu Y, **Lovre D**, Denson JL, **Miele L**, **Mauvais-Jarvis F**. BMC Infect Dis.

[Glucose-independent racial disparity in HbA1c is evident at onset of type 1 diabetes.](#)

Alaqeel A, Gomez R, **Chalew SA**. J Diabetes Complications.

[The effects of exercise and diet on sex steroids in breast cancer survivors.](#)

**Brown JC**, Sturgeon K, Sarwer DB, Troxel AB, DeMichele AM, Denlinger CS, Schmitz KH. Endocr Relat Cancer.

[A Physical Activity Intervention in Older African Americans: The PAACE Pilot Randomized Controlled Trial.](#)

Newton RL Jr, **Beyl R**, Hebert C, Harris M, Carter L, Gahan W, Carmichael O. Med Sci Sports Exerc.

[The association between food insecurity and gun violence in a major metropolitan city.](#)  
Ali A, Broome J, Tatum D, Fleckman J, Theall K, Chaparro MP, Duchesne J, **Taghavi S**. J Trauma Acute Care Surg.

[Technical report: an online international weight control registry to inform precision approaches to healthy weight management.](#)

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[Tulane STAR \(Sending Texts, Advancing Results\): impact of text messaging on bariatric post-operative protocol compliance.](#)

Ghio M, Simpson JT, Wolff D, Galvani C, Levy S. Surg Endosc.

[Electronic health strategies to improve medication adherence in patients with cardiometabolic disease: current status and future directions.](#)

Peacock E, Craig LS, **Krousel-Wood M**. Curr Opin Cardiol.

[Comparison of weight loss data collected by research technicians versus electronic medical records: the PROPEL trial.](#)

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[Association of Abdominal Visceral Adiposity and Total Fat Mass with Cancer Incidence and Mortality in White and Black Adults.](#)

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[Demonstrating an approach for evaluating synthetic geospatial and temporal epidemiologic data utility: results from analyzing >1.8 million SARS-CoV-2 tests in the United States National COVID Cohort Collaborative \(N3C\).](#)

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[The association of abdominal adiposity with premature discontinuation of postoperative chemotherapy in colon cancer.](#)

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[Intraclass correlation coefficients for weight loss cluster randomized trials in primary care: The PROPEL trial.](#)

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["You Can Get Away with Anything Here... No Justice at All"- Sexual Violence Against U.S. Indigenous Females and Its Consequences.](#)

McKinley CE, Knipp H. Gender Issues.

[Infant Feeding Varies Across Eating Behavior and Feeding Modalities in Mothers With Low Income.](#)

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[Dimethyl malonate slows succinate accumulation and preserves cardiac function in a swine model of hemorrhagic shock.](#)

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