



Save the Date!

The LA CaTS Center is partnering with the Southern Society for Clinical Investigation (SSCI) for the **Southern Regional Meeting (SRM)** in February 2024. The LA CaTS Center will host a symposium focused on the clinical and translational work through our collaborations.

- Abstract Submission Deadline: October 6, 2023
- SSCI Fellow, Scholars, Early Career and Mentor Award Opportunities
- Meeting will include sessions & workshops on career development, manuscript preparation, clinical cases & scientific advances in various diseases.

[Read More & Register NOW!](#)

Funding & Training Opportunities



The **LA CaTS Pilot Grants Program** is currently accepting pre-selected applications for the 2024 Multi-Institutional Grant Opportunity. Full applications are due November 1, 2023.

- [More details](#)



The **LA CaTS Grant Development Award Program** supports investigators with sufficient preliminary data to support collaborative grant-writing teams. Awards are up to \$5,000 in total costs.

- [More details](#)



The **LA CaTS Visiting Scholars Program** supports training opportunities for junior investigators to enhance skills or learn new technique. Awards are up to \$5,000 in total costs.

- [More details](#)

Center Spotlight



The Louisiana Clinical and Translational Science (LA CaTS) Center is committed to advancing the diversity among the scientific workforce in Louisiana and the research and career development of all people. This quarter's Center Spotlight is on our new **Underrepresented Minority Roadmap Scholar Program**.

The LA CaTS Center Professional Development Core was pleased to announce the first awardee **Derek Werthmann, MPH, PhD** from Tulane University School of Public Health and Tropical Medicine. Dr. Werthmann started the program effective July 1, 2023.

[Read More](#)



Congratulations on the following Scholars & Pilot Investigators on their recent NIH Awards:

1. **David McDougal, PhD**, Pennington Biomedical, R01 from NIDDK
2. **Iboyla Rutkai, PhD**, Tulane, R01 from NIA
3. **Rhea Bhargav, MD**, Tulane, K99/R00 from NIAID
4. **Jake Mey, PhD, RD**, Pennington Biomedical, K01 from NIH
5. **Prachi Singh, PhD**, Pennington Biomedical, R01 from NHLBI

Featured Investigators

Congratulations to our Featured Investigators this quarter! Click on their names below to learn about their research and success.



[Maria Sanchez-Pino, PhD](#)
[LSU Health New Orleans](#)

Research Focus: Obesity-related cancers



[Yilin Yoshida, PhD](#)
[Tulane University](#)

Research Focus: Sex-based diabetes epidemiology



Community Research for
Optimal Wellness Network

LA CaTS in the Community



LA CaTS Community Research for Optimal Wellness Network (CROWN)

Coming Soon!

CROWN aims to bridge the gap between researchers and Louisiana communities.

CROWN serves as a statewide infrastructure that facilitates conversations between researchers and individuals in the communities around activities that will improve quality of research; translation of research; and the quality of research impacting communities in Louisiana.

[Read More](#)

Calendar of Events

Aug. 25:	LA CaTS New Orleans Community Advisory Board Meeting
Aug. 30:	LAUNCHED Pilot and Feasibility Award Information Session
Sep. 15-17:	2023 Biennial Southeast Regional IDEa Conference
Sep. 18-19:	NHLBI Biostatistics Workshop on Clinical Trial Designs: Innovative Endpoints and Futility
Sep. 21:	LA CaTS Baton Rouge Community Advisory Board Meeting
Oct. 3-4:	2023 Health Summit

[See full calendar](#)

Recent Publications

[WISER Survivor Trial: Combined Effect of Exercise and Weight Loss Interventions on Adiponectin and Leptin Levels in Breast Cancer Survivors with Overweight or Obesity.](#)

Lin D, Sturgeon KM, Gordon BR, **Brown JC**, Sears DD, Sarwer DB, Schmitz KH. *Nutrients*. 2023 Aug 4;15(15):3453.

[Orlistat mouth rinse: Using the tongue to deliver antiobesity medication in a double-blind randomized crossover pilot trial.](#)

Primeaux SD, Dubin R, **Greenway FL**. *Diabetes Obes Metab*. 2023 Aug;25(8):2236-2242.

[Targeting mitochondria in the aged cerebral vasculature with SS-31, a proteomic study of brain microvessels.](#)

Seman A, Chandra PK, Byrum SD, Mackintosh SG, Gies AJ, Busija DW, Rutkai I. *Geroscience*. 2023 Jul 17.

[Policy, systems, and environmental interventions addressing physical activity in early childhood education settings: A systematic review.](#)

Neshteruk C, Burkart S, Flanagan EW, Melnick E, Luecking C, Kracht CL. *Prev Med*. 2023 Jul 4;173:107606.

[BMI, insulin sensitivity, and cognition in early type 2 diabetes: The Glycemia Reduction Approaches in Diabetes: A Comparative Effectiveness Study.](#)

Luchsinger JA, Kazemi EJ, Sanchez DL, Larkin ME, Valencia WM, Desouza C, Carlson AL, Pop-Busui R, Seaquist ER, Florez HJ, Barzilay J; **GRADE Research Group**. *Obesity (Silver Spring)*. 2023 Jul;31(7):1812-1824.

[Development of a CRISPR-Cas12a rapid diagnostic for human cytomegalovirus.](#)

Monk CH, Youngquist BM, Brady AD, Shaffer JG, Hu TY, Ning B, Zvezdaryk KJ. *Antiviral Res*. 2023 Jul;215:105624.

[Hormone replacement therapy and COVID-19 outcomes in solid organ transplant recipients compared with the general population.](#)

Vinson AJ, Anzalone A, Schissel M, Dai R, French ET, Olex AL, Mannon RB; **National COVID Cohort Collaborative**. *Am J Transplant*. 2023 Jul;23(7):1035-1047.

[Association between maternal and infant screen time with child growth and development: A longitudinal study.](#)

Kracht CL, Redman LM, Bellando J, Krukowski RA, Andres A. *Pediatr Obes*. 2023 Jul;18(7):e13033.

[Exploring barriers to SARS-CoV-2 testing uptake in underserved black communities in Louisiana.](#)

Katzmarzyk PT, Myers CA, Nelson MR, Denstel KD, Mire EF, Newton RL Jr, Broyles ST, Kirwan JP. *Am J Hum Biol*. 2023 Jul;35(7):e23879.

[Simply Dinner: A Randomized Controlled Trial of Home Meal Delivery.](#)

Brophy-Herb HE, Martoccio TL, Kerver JM, Choi HH, Jeanpierre LA, Williams J, Mitchell K, Martin CK, Sturza J, Contreras DA, Horodyski MA, Van Egeren LA, Kaciroti N, Lumeng JC. *Acad Pediatr*. 2023 Jul;23(5):952-962.

[Independent Effects of HIV and Antiretroviral Therapy on the Oral Microbiome Identified by Multivariate Analyses.](#)

Beall CJ, Lilly EA, Granada C, Treas K, Dubois KR 3rd, Hashmi SB, Vazquez JA, Hagensee ME, Griffen AL, Leys EJ, Fidel PL Jr. *mBio*. 2023 Jun 27;14(3):e0040923.

[De-black-boxing health AI: demonstrating reproducible machine learning computable phenotypes using the N3C-RECOVER Long COVID model in the All of Us data repository.](#)

Pfaff ER, Girvin AT, Crosskey M, Gangireddy S, Master H, Wei WQ, Kerchberger VE, Weiner M, Harris PA, Basford M, Lunt C, Chute CG, Moffitt RA, Haendel M; **N3C and RECOVER Consortia**. *J Am Med Inform Assoc*. 2023 Jun 20;30(7):1305-1312.

[Ability of high fat diet to induce liver pathology correlates with the level of linoleic acid and Vitamin E in the diet.](#)

Graham DS, Liu G, Arasteh A, Yin XM, Yan S. *PLoS One*. 2023 Jun 2;18(6):e0286726.

[Preoperative SARS-CoV-2 infection increases risk of early postoperative cardiovascular complications following noncardiac surgery.](#)

SenthilKumar G, Verhagen NB, Sheriff SA, Yang X, Figueroa Castro CE, Szabo A, Taylor BW, Wainaina N, Lauer K, Gould JC, Kothari AN; **N3C Consortium**. *Am J Physiol Heart Circ Physiol*. 2023 Jun 1;324(6):H721-H731.

Students' consumption of high and low nutrition foods and reduced plate waste by schools' wellness-related policies and garden program participation.

Richardson AS, Nugroho A, Dubowitz T, Schultz D, Martin CK. J Hum Nutr Diet. 2023 Jun;36(3):864-874.

Novel *Pneumocystis* Antigens for Seroprevalence Studies.

Pungan D, Fan J, Dai G, Khatun MS, Dietrich ML, Zvezdaryk KJ, Robinson JE, Landry SJ, Kolls JK. J Fungi (Basel). 2023 May 24;9(6):602.

Long COVID risk and pre-COVID vaccination in an EHR-based cohort study from the RECOVER program.

Brannock MD, Chew RF, Preiss AJ, Hadley EC, Redfield S, McMurry JA, Leese PJ, Girvin AT, Crosskey M, Zhou AG, Moffitt RA, Funk MJ, Pfaff ER, Haendel MA, Chute CG; N3C; RECOVER Consortia. Nat Commun. 2023 May 22;14(1):2914.

Diabetes is accompanied by secretion of pro-atherosclerotic exosomes from vascular smooth muscle cells.

Yu H, Douglas HF, Wathieu D, Braun RA, Edomwande C, Lightell DJ Jr, Pham T, Klingenberg NC, Bishop SP, Khismatullin DB, Woods TC. Cardiovasc Diabetol. 2023 May 13;22(1):112.



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