Northwestern University
NUCATS
Clinical and Translational Sciences Institute

Speeding transformative research discoveries to patients and the community
NUCATS is At Your Service!

- A centralized hub of resources available to your research team
- We provide **training**, **tools**, and **services** to support investigators across the full spectrum of clinical and transitional science research
Grant Preparation Resources

- **NUCATS Studio Consultations**: gives investigators planning a center/program grant an opportunity to identify relevant NUCATS resources and leverage existing infrastructure.

- **Resources & Environment boilerplate language**: an up-to-date, editable document detailing the resources and services provided by NUCATS, our clinical affiliates, and Northwestern University research cores and units.

- **ACT Network**: provides a roadmap for institutions to implement the NIH Single IRB Review policy.

- **Grant Writing Groups**: an alternative approach to teaching the art and science of writing NIH-style research proposals, led by Rick McGee, MD.
Education & Professional Development

• Opportunities for research staff
  – Master of Science in Regulatory Compliance (MSRC)
  – Good Clinical Practice and Clinical Research Coordinator Training (Live & Online Education)
  – Introduction to Research Online Modules
  – Annual translational research conference

• Opportunities for investigators
  – Training grants and workshops for early career faculty
  – Team Science training modules
  – Mentor development
Clinical Research Support

- **Budget & Finance**: study budget preparation, billing and reconciliation

- **Regulatory Compliance**: assists with IRB process and FDA submissions

- **Recruitment & Retention**: research participant recruitment strategy development, creation & distribution of marketing materials

- **Study Coordination Support**: clinical research nurse and non-nurse coordinators for hire

- **Clinical Research Unit (CRU)**: at Lurie and NMH
Data Science, Informatics & Analytics

Secure, Web-based Applications

- **REDCap** (Research Electronic Data Capture): Data collection forms
- **Study Tracker**: Clinical trial management system
- **Recruit**: Research registry system

Northwestern Medicine® Enterprise Data Warehouse (NMEDW)

- **NMEDW**: Repository of research data on more than 6 million people
- **i2B2**: a free tool to determine the feasibility of conducting a clinical trial

Biostatistics Collaboration Center (BCC)

- Biostatistics
- Epidemiology
- Research Design
Community Engaged Research Support

- **Develops partnerships** between community, clinical, public health and policy sectors

- **Workshops**, seminars and programs on community and stakeholder engagement

- **Seed grants** for community-academic research teams

- **Consultations** for design and implementation of community engaged/based projects
Innovation, Commercialization & Entrepreneurship

- Partnership with INVO
- Support for new drug and device development
- Expertise in technology commercialization and innovation
- Funding opportunities
Gal ter Health Sciences Library & Learning Center

Research Services
• Access to more than 8,600 e-journals, 3,000 e-books, and 300 databases
• Consultations
• Training and workshops
• Bioinformatics and biosciences support

Scholarly Services
• Preserving and sharing scholarly content with DigitalHub
• Impact measurement and evaluation
• NIH Public Access Policy
• Biosketch development
Stanley Manne Children’s Research Institute

- Resources and services for Lurie Children’s researchers
- Research Scientist Navigator
- Lurie Clinical Research Units
- Coordinator and Research Staff Services Pool
- Pilot funding
- IRB Authorization Agreement for joint review panel for studies that involve both adults and children
The CTSA Network

Chicagoland Clinical and Translational Science Award (CTSA) Shared Resources:

- Investigators and research staff at Northwestern, University of Chicago, and University of Illinois at Chicago CTSAbs have access to select resources at the other institutions

Trial Innovation Network

- Allows Investigators and research teams to execute multi-center clinical trials and studies better, faster and more cost-efficiently

ACT Network

- a real-time platform for multisite cohort discovery allowing researchers to explore and validate feasibility for clinical studies across many of the Clinical and Translational Science Award (CTSA) hubs around the country
Cite and Acknowledge the CTSA

NUCATS Institute is funded in part by a CTSA grant from the NIH. Publications are the key metric that Congress, the NIH, and Northwestern use to demonstrate effective use of grant funding.

If NUCATS assists you with research please remember to cite the grant.

To learn more visit: nucats.northwestern.edu/about/ctsa-resources.html
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