NUCATS Resources
New Faculty Onboarding Video
NUCATS is......

Speeding transformative research discoveries to patients and communities

• A centralized hub of resources supporting and accelerating the clinical and translational research of investigators at Northwestern University, Northwestern Medicine, Ann & Robert H. Lurie Children’s Hospital of Chicago and Rehabilitation Institute of Chicago

• One of 64 recipients of a Clinical Translational Sciences Award (CTSA) from National Center for Advancing Translational Sciences (NCATS)

• Providing support for investigators across the research spectrum
NUCATS Centers

- Center for Education and Career Development (CECD)
- Center for Clinical Research (CCR)
- Center for Data Science and Informatics (CDSI)
- Center for Community Health (CCH)
- Center for Translational Innovation (CTI)
- Galter Health Sciences Library
Education and professional development

Center for Education and Career Development

- Master of Science in Clinical Investigation (MSCI)
- Career development awards (KL2 & TL1)
- Early career faculty development programs (RCR, Navigating the Research Enterprise, Succeeding with Your K Award)
- Mentor development workshops and Feinberg Mentor Development Academy
- Research staff training: Good clinical practice (GCP) training (live and online)
Clinical research support

Center for Clinical Research

- **Study budget** development and negation
- **Regulatory compliance assistance with IRB and FDA submissions**
- ClinicalTrials.gov support
- **Research study participant recruitment**
- **Clinical research coordinators** for hire (nurse and non-nurse)
- **Clinical Research Units (CRU)** at NMH and Lurie
  - Available for inpatient and outpatient visits
  - Bionutrition, core laboratory, nutrition and nursing services
Drug and device development support

Center for Translational Innovation

• NUCATS partners with INVO to support device and drug development
  – Assessment
  – Navigating intellectual property disclosures
  – Licensing
  – Commercialization and entrepreneurship
  – Mentorship program and networking

• Sign up for their quarterly newsletter
Data science, informatics and analytics

Center for Data Science and Informatics

• Software tools:
  – REDCap: data capture tool
  – Study Tracker: clinical trial management system
  – NITRO Recruit: research registry tool used to collect information about potential study participants

• Analytics services
  – Biostatistical Collaboration Center (BCC): Study design and planning, grant and contract proposal preparation, manuscript preparation, statistical data analysis and result interpretation
  – Advanced Bioinformatics and Biocomputation Core (ABBC): Data integration and analysis, predictive modeling and data management
Northwestern Medicine Enterprise Data Warehouse (NMEDW)

- Access to patient data for 6 million individuals
- **Feasibility studies (i2B2):** run a query to see if there’s a large enough population to perform your experiment on
- Analyze data with the help of a data analyst
  - **Pilot Data Program** provides funding for 8-12 hours of analyst time
Community engaged research support

Center for Community Health

- Workshops and educational resources on community and stakeholder engagement
- Seed grants for community-academic research collaborations
- **Stakeholder academic resource panels (ShARP)** to gather feedback from stakeholders on a research project
- Support in developing community advisory boards
- Connections to 55 different community-based organizations and 140 community healthcare practice sites

- **Sign up for their weekly newsletter**
• Biosketch support
• Literature searches and systematic review support
• Research information support
• Research impact and metrics services
• DigitalHub
• Classes available for training on EndNote, PubMed, DigitalHub and more
Additional resources

- **Consultation** with NUCATS navigators
- **Funding**
  - Pilot ($10,000) and voucher ($2,500) program
  - NMEDW pilot vouchers
  - Dixon Translational Research Grants
- **Stanley Manne Children’s Research Institute**
- **Team Science**
- **Find potential collaborators**
  - NU Scholars, Direct2Experts, CTSAsearch
- **Chicagoland CTSA shared resources**