Connections...
NUCATS and You
Outline

NUCATS Connects you to...

• Center for Education and Career Development (CECD)
• Collaborators
• Big Data, Biostats, and Informatics
• The Enterprise Data Warehouse (EDW)
• INVO

• Center for Clinical Research (CCR)
• Galter Health Sciences Library
• Center for Community Health (CCH)
• CTR Program at SMCRI
• Funding
• Navigators

Get Connected...

Don’t be a stranger to NUCATS
Your NUCATS Connection starts here
nucats.northwestern.edu
Connect to Education & Career Development

• Graduate Education (MSCI and MSRC)
• Career Development Awards (KL2 & TL1)
• Early Career Faculty Development Programs
  – First Mondays Faculty Development Seminar Series
  – Responsible Conduct of Research Training
• Mentor Development Workshops & FSM Mentor Development Academy
• GCP and Research Staff Training (Online Education)
Connect to Collaborators

• “I do research in imaging of Cerebral Aneurysms and I need collaborators”
• “What’s Eric Russell up to?”

• Research Networking Systems through NUCATS
  – NU Scholars, DIRECT2EXPERTS, CTSAsearch
  – Team Science (teamscience.net/)
Connect to Local Big Data, Biostats, and Informatics Colleagues

• “Big data” is here to stay in every phase of the CTS research spectrum
• Lots of helpful software available
  – High-throughput data management/analysis ([list](#))
  – Clinical trial management system ([NITRO Study Tracker](#))
  – Data collection tool ([REDCap](#))
• Analytics Services
  – Biostatistics Collaboration Center ([BCC](#))
  – Advanced Bioinformatics and Biocomputation ([ABBC](#)) Core
Connect to the EDW and i2b2

High-throughput phenotyping and feasibility analysis

- Northwestern Medicine Enterprise Data Warehouse (NMEDW)
  - Clinical data from EHR, clinical labs, diagnostic procedures, pathology, etc.
  - 2.9 million unique patients; 300 million pieces of clinical data; 67 billion data points; +44 million every night

- What is i2b2? (Informatics for Integrating Biology and the Bedside)
  - Self Service Feasibility
  - NMEDW-I2B2: nasal polyps and asthma
I2b2 – Connecting to data

Must be on NU or NM internal networks or VPN
Connect to INVO

• Assessment
• Navigating IP/Disclosures
• Licensing
• Commercialization
  – Mentoring
  – Entrepreneurship and legal
  – Networking
Connect to Core Resources at NU (and beyond)

- Don’t reinvent the wheel if you can avoid it
  - Core resources (Link to Core Facilities List)
  - Sharing agreement with U of C and UIC
    - Open Access Initiative
    - Chicagoland CTSA Shared Resources List
Connect to the Center for Clinical Research (CCR)

• Check out the CRU (old GCRC)
  – Inpatient and outpatient protocols
  – Infusions, phlebotomy, specimen processing, sleep, bionutrition, and nursing services

• Clinical research services and regulatory support
  – Budget preparation, review, and reconciliation
  – Regulatory filings at IRB and FDA, ClinicalTrials.gov
  – Clinical research coordinators for hire

• Research participant recruitment
  – Research Registries (NITRO Recruit)
  – Regional Matching (researchmatch.org)
Connect to Galter Health Sciences Library

galter.northwestern.edu

• Clinical Support
  – Systematic review services
  – Clinical Informationists
  – ClinicalKey license

• Research Services
  – Computing Cluster
  – Guides, tutorials, classes and consultations

• Scholarly Services
  – Impact and evaluation
  – NIH Public Access Policy
  – New NIH Biosketch requirements
Connect to Your Community/Stakeholders

• Community-engaged research is not done solo
  – And well-trained partners in the community are needed

• Community-engaged research centers can help you navigate a difficult environment
  – Center for Community Health

• Dissemination & implementation should be considered from Day 1!

• Increasing need to embed patients/stakeholders in ALL phases of CTS pipeline
  – PCORI is here; NIH is moving this way
Connect to **Stanley Manne Children’s Research Institute CTR Program**

Ann & Robert H. Lurie Children’s Hospital of Chicago

- NUCATS partner
  - Integrated and complimentary services for Lurie Children’s environment
- Lurie-based Research Scientist Navigator
  - Will work with NUCATS navigators to guide and assist investigators
- Lurie-based Coordinator and Research Staff Services Pool
  - CRCs can be deployed on an hourly basis according to study needs
- Integration of Biostatistical Research Core with NUCATS biostatisticians
  - Discounts available for biostatistical support
- Pilot funding
- Business Associates Agreement for REDCap utilization
- IRB Authorization Agreement for joint review panel
  - For studies that involve both adults and children
- Clinical trials management and CRU
  - Sharing best practices with CCR
Connect to Funding and Research Vouchers

There’s more than you know

- Preclinical development pilots
- Core resource vouchers
  - Voucher and Pilot Programs
  - EDW Pilot Data Program
- Institutional/philanthropic pilot and seed funding (NITRO Competitions)
  - Dixon Translational Research Grants
- Consortium/multi-institutional grants (CBC)
Research Navigators make Connections
Human + machine >> human or machine

Request a NUCATS Consultation

REQUEST A NUCATS CONSULTATION
Not sure who to contact in NUCATS? Let us know which areas you need more information or help and one of our Research Navigators will contact you.

First Name *
Last Name *
Email *
Phone

Please contact me or send me information about:
- NUCATS Overview Consultation
- Pilot Funding
- Collaboration Resources
- Education, Career Development and Mentoring
- Community-Engaged Research
- Recruiting for Clinical Trials
- Regulatory Support
- Biomedical Informatics
- EDW - Enterprise Data Warehouse
- Data Management
- Clinical Research Resources
- Ann & Robert H. Lurie Children’s Hospital of Chicago Investigator
- Commercialization and Entrepreneurship
- Research Studio Consultations
- Other
Research Navigators make Connections
One-on-One or Group Consultations Available

• NUCATS C&T Research Studio Consultations
  – For investigators in the planning stages of a new program or center grant at NU and NU-affiliates
  – Brings together leadership from NUCATS and our affiliates to identify relevant resources that support and enhance grant submissions
  – Opportunity to leverage in-kind or heavily subsidized existing NUCATS resources and services
Sounds great! Where do I sign up?

membership.nubic.northwestern.edu
Cite and Acknowledge the CTSA

nucats.northwestern.edu/about/ctsa-resources.html

• NUCATS Institute provides essential infrastructure, resources and services at NU to support the translational research enterprise through the CTSA grant.

• Publications are the key metric that Congress, the NIH, and NU use to demonstrate effective use of grant funding.

• When you site the NUCATS grant in your publication you help NUCATS, NU, Yourself and NIH.
Key Takeaways

• NIH expects researchers to leverage CTSA infrastructure in grant applications
• Researchers who utilize CTSA infrastructure are more competitive for federal funding
• NUCATS Navigators are here to assist you at any stage of the biomedical research pipeline
• Join myNUCATS to stay connected and for access to NUCATS resources and services
• Cite and acknowledge the NUCATS CTSA to continue to have essential CTS infrastructure at NU
Thank You!

Questions?