The Ohio State University
Center for Clinical and Translational Science

Encouraging Scientific Advances Through Programmatic Support for Innovation and Collaboration
Biostatistics and Research Design

- Statistical analysis and experimental design
- Grant support for CCTS TL1, KL2, Pilot and extramural applications
- Development & application of new statistical methodologies
- **Open office hours in the CCTS,** Thursdays, 11AM - 1PM
Biomedical Informatics

- Research data capture and survey tools (REDCap, StudyTrax, Teleform)
- SharePoint site for research collaboration
- Data integration support
- Consultation & training
- Information Warehouse data request
Tracking and Evaluation

- Health outcomes assessment techniques and measurement systems
- Health economics analysis for use in CER
- Survey research including questionnaire development
- Healthcare policy analysis
- Lean/Six Sigma approaches to process and quality improvement
- Social network analysis
- Implementation science research
Community Engagement (CE) and Comparative Effectiveness Research (CER)

- Determine appropriate types and levels of community engagement for a study
- Identify community needs and priorities and potential community partners
- Appalachian Translational Research Network
- Comparative Effectiveness Research consultation
- Social network analysis
Clinical Research Center (OSU)

- Inpatient/outpatient research rooms
- Nurses, nutritionists, lab technicians expert in drug infusions, pharmaceutical trials, blood draws, PKs
- Human and animal sample analysis
- Tools and assessments of health, diet, body composition, metabolic rate and fitness
- Budget development for clinical research projects and grant preparation
- Core laboratory for processing and analyzing biospecimen
Clinical Research Services at Nationwide Children’s Hospital

- Dedicated research space/facilities with research certified pediatric nurses and clinical trial coordinators
- Protocol development and feasibility assistance
- IRB/Regulatory preparation services
- Clinical research budget development
- Study management
- Sample collection, processing and shipping
Research Education, Training and Career Development

• TL1 training grants for pre-doctoral students
• KL2 support for the career development of translational scientists
• Academic programs including the Graduate Interdisciplinary Specialization in Biomedical Clinical and Translational Science
• Educational programs including Tools of the Trade event for new investigators, grant writing and other workshops
Participant Recruitment Services

- Recruitment strategies
- Assistance brochure/flier design
- ResearchMatch
- 293-HERO
- Participant retention best practices
- Network with other study/recruitment coordinators
Regulatory Knowledge and Ethics

- Data and safety monitoring plans (DSMB)
- Assistance drafting protocols, consent forms and amendments for IRB and/or grant submissions
- Safety monitoring committee development and operations
- StudySearch posting
- IHIS training, access, and modification requests
- Research subject advocate for clinical trials
Translational Technologies and Core Resources

- Biomedical imaging resource
- Chemical & radiochemical support services for drug discovery
- Pharmacoanalytical expertise and instrumentation
- Laser Capture Molecular Core (LCM)
- Comparative Pathology and Mouse Phenotyping Shared Resource
- Animal tissue biorepository
- Veterinary clinical trials
Pilot and Collaborative Studies

- Requests for applications (RFA)
- Leverage CCTS Pilot funds with collaboration from other colleges/units
- Junior faculty gain experience by serving on review committees for Pilot grants and participation in workshops and seminars
- Develop new multidisciplinary scientific teams
- Respond to scientific opportunities and national priorities through targeted RFAs
Research Concierge

- Facilitate access to CCTS programs and cores
- Locate OSU/NCH resources, cores and expertise
- Assemble new research teams
- Assist with navigation of OSU research infrastructure
- Vendor information for equipment, instruments, supplies, etc.
- Information on funding opportunities including Pilot grants