What is the Clinical and Translational Science Collaborative (CTSC)?

- The CTSC is the Cleveland-based part of the national CTSA program, casemed.case.edu/ctsc.
- A consortium of research institutions working together to facilitate and transform scientific study relating to human health.
- With a shared goal of improved health, a broad scientific community - in the basic and behavioral sciences, in health advocacy, and in clinical practice - comes together with an engaged public community to leverage ideas and resources into results.
Home of Translational Research

CENTER FOR CLINICAL INVESTIGATION

GOVERNANCE

Institutional Oversight

Internal Advisory Board
PI
Co-PI
Executive Committee
External Advisory Board

Clinical Research Units
Practice Based Research Networks
Community Research Partnership

Pilot Program
Bioethics
Regulatory
Comparative Effectiveness

Biostatistics & Design
Translational Technologies

Peer Review
Evaluation

Research Concierge

Biomedical Informatics

Education
Gateway to CTSC Resources
Research Concierge Service (RCS)

The RCS is the "Front Door", or entry way, to all resources of the CTSC program. Researchers from all partner institutions can more easily identify and access the CTSC's vast resources, both well-established but perhaps unknown and those newly developed.
Gateway to CTSC Resources
Research Concierge Service (RCS) (cont)

• Match research needs to core services

• Navigate inexperienced researchers on the nuts and bolts of setting up study infrastructure
  (e.g., discussing formats and sections for protocols, data tools, locating research resources)

• Assist with data flow design and identify data tools for studies
  (not database development, help to find the appropriate database and support)
Gateway to CTSC Resources
Research Concierge Service (RCS) (cont)

- Provide education on the overall research process
- Provides guidance on regulatory requirements, IRB, IACUC, compliance, and data safety and monitoring
- Some examples of Ad Hoc requests from researchers
  - Local researcher assuming study responsibilities from researcher who left Case – what needs to be done?
  - Local researcher received grant funding - needs help with database development but not sure of best tools, support, or where the resources are
- Administer the CTSC Pilot Grant Program
Gateway to CTSC Resources
Research Concierge Service (RCS) (cont)

• Assists with identifying study recruitment resources (e.g., National Registry - ResearchMatch; CTSC Reliant Review)

• Links researchers across disciplines and institutions (e.g., SciVal Experts)

• Stay tuned – more to come!
Importantly, for the researcher, the RCS Provides

- Greater access to best practice in research methodology, technology, informatics
- Greater support for guidance thru the regulatory maze
- Enhanced patient pool for recruitment (local/regional/national)
- Greater recognition and support of researchers involved in clinical research
- Greater access of bench researcher to clinical researchers and material to speed bench research findings to bedside application
Let the RCS Open the Door to More CTSC Benefits

• **Access to:**
  – Pilot Funding
  – SciVal Experts
  – REDCap
  – ResearchMatch when collaborating with CWRU, Cleveland Clinic, Metro, University Hospitals, and VA researchers
Let the RCS Open the Door to More CTSC Benefits (cont)

• **Access to:**
  - Explorys when collaborating with Cleveland Clinic, Metro, and University Hospitals researchers
  - ResearchMatch when collaborating with CWRU, Cleveland Clinic, Metro, and University Hospitals researchers
  - REDCap
CTSC Pilot Program

• A peer-reviewed pilot funding program designed to:
  • Promote and stimulate new translational research
  • Develop new research collaborations
  • Generate novel research ideas
  • Promote innovative research teams across institutions, schools and disciplines.

• Applications submitted electronically
  http://webgrants.case.edu/
1. **Annual Pilot** - up to $50,000
   - Supported by CTSC funds
   - Added LOI due to large number of applications received
   - Reduced the burden for researchers and IRB/IACUC

2. **Core Utilization Pilot** - up to $10,000
   - Supported by Partner Institutions
   - Instituted rolling application process first quarter 2012

3. **PBRN Micro-Pilot Grant** - up to $5,000
   - Development and support of practice-based research networks in Northeast Ohio
   - Foster research that translates into changes in medical practice
CTSC Pilot Program (cont)

4. **Themed Pilot:** Opportunities targeted for particular types of research

- Comparative Effectiveness Research
- Community-Academic Partnerships and Community Research
- BRIM
- Explorys Collaborative
- Child Health

Stay tuned: More planned in the upcoming months!
• CTSC Website: click ‘Online Tools’
  — Citation
  — Library of instruments
  — Video Demos

• Locations: Case, UH, CC, Metro, VA

• Why multiple locations? Which one do I use?
REDCap (cont)

• Include in IRB application

• Uses:
  – Database creation
    • Spreadsheet tool
    • Online designer
  – Survey tool
REDCap Advantages

• FREE !!!!!
• Simplifies the creation of the individual databases: create new database in a shorter time period
• Ability to make changes once a database has been created, with the minimum disruption to the 'live' database
• Ability to securely access the database from multiple computers
  – Modifications, data entry and data export can be performed at any time.
  – Allows investigators access to 'up to date' data
Recruitment Resource: ResearchMatch

27,000 Volunteers; 1,304 Researchers; 302 Active Studies; 73 Institutions

• Safe and Secure National Recruitment Registry
  • Brings together researchers and willing volunteers for IRB approved research studies
  • No cost to users
  • Disease and Study neutral
  • Developed by Vanderbilt

• View aggregate data for grant preparation or hypothesis generation
  • No IRB approval necessary

• CTSC collaboration to get the word out
  • Introductory packet available on CTSC website
  • Institutional liaisons to assist researchers
  • Local campaigns for enrolling volunteers
Join the CTSC Today

• Go to:
  http://casemed.case.edu/ctsc/about/membership.cfm

• Select:
  Researcher
  or
  Research Personnel

• Complete the online registration form
Thank you for your attention

QUESTIONS?

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