AN INTEGRATED APPROACH TO PROMOTING TEAM SCIENCE PRINCIPLES ACROSS A CTSA

Jack Kues PhD, Jackie Knapke PhD, Saundra Regan PhD, Jennifer Molano MD, Rebecca Lee PhD, Laura Hildreth MS

University of Cincinnati Academic Health Center
The Center for Improvement Science (CIS) Team

Jenn  Becky  Jack

Laura  Jackie  Soni
Goals of this presentation

1. Provide an overview of our approach to Team Science Implementation

2. Illustrate how we integrated our Team Science “Service Bundles” into our CTSA and partner institutions

3. Discuss our plan for sustainability and growth
CTSA Partners
Our Target Goals for Team Science Implementation

1. Disseminate the general principles of Team Science

2. Create a tiered set of educational offerings (from basic to advanced)

3. Provide supportive team science services to aid the implementation of team science principles

4. Demonstrate the value of using, and promoting, team science principles to other CTSA core services and institutions.

5. Support institutional and infrastructure changes to facilitate collaboration
Impacting Research Through Integrated Services

Training

Consultation

Collaboration
Bundled, Integrated Services

- **Training**
  - Workshops
  - Presentations
  - Courses

- **Consultation**
  - Expertise (Training in Action) for:
    - Investigators
    - Research Teams
    - Administrative Teams
    - Program Developers
  - Grant Support (e.g., T32/Career Development)

- **Collaboration**
  - The Collaboration Network
  - Integration Committee
Tiered Training

Mastery
SciTS
Targeted
Basics
Basics

• Three hour “Basics” workshop
• Grand Rounds (1 hour)
• Presentations integrated into…
  • Research training courses
  • Research retreats
  • Faculty orientations
Targeted Topics (Advanced)

- Two-hour workshops (2-3 per semester)
- Customized training for consultations
- Training built into research retreats
- Faculty Development curriculum
Team Science and Collaboration (Graduate Course)

- Spring Semester Course
  - Faculty permission required for enrollment
  - Partially integrated into Targeted Workshop series
- Maximum enrollment of 10
Mastery Fellowships/Internships

• Up to 0.10 FTE
  • Support from home department and/or CIS
• Participation in CIS Teaching/Consultation Team
• Team mentoring
Consultation
(Training in Action)
• **Institutional**
  - UC VP for Research
  - Colleges (Allied Health Sciences; Pharmacy; Medicine)
  - UC Health Evidence-Based Practice Steering Committee
  - Children’s Hospital

• **Teams**
  - CRANI (Collaborative Research on Acute Neurological Injuries)
  - CoM Team Science Award
  - StrokeNET

• **Grant Support**
  - Institutional training grants (R25, T32, K12, KL2)
  - Career development awards
  - Interdisciplinary grants (internal and external)
  - Community partnerships
Collaboration
The Collaboration Network

Virtual Meeting on Social Determinants of Health
Thursday, April 4th, 9-11:00 AM

Are you a researcher, educator, trainee or service provider with expertise or interest in the Social Determinants of Health? To provide a forum for those interested in networking with potential collaborators in this important field, The Collaboration Network (TCN) is hosting a campus-wide WebEx meeting on SDOH on April 4th from 9:00-11:00 AM.

Social Determinants of Health

- Healthcare Access
- Behavioral Health
- Income
- Education
- Employment
- Housing
- Transportation
- Social Support

Please join or form a group meeting in a WebEx-enabled location, or join us from your own phone or computer by accessing the WebEx information at: https://cctst.uc.edu/programs/cctn/collaboration

FOR MORE INFORMATION Please contact Laura Hildreth at 513-588-3333 or hildreth@uc.edu

Virtual Meeting on Aging – January 17

Exciting opportunities in research and program development in the field of Aging are available across UC, Children’s Hospital, UC Health, the VAMC, and the Greater Cincinnati community.

The Collaboration Network is hosting a campus-wide WebEx meeting on Aging on January 17 from 9:00-11:00 AM.

Using WebEx to create a bridge across our geographical barriers, we will explore our institutional and community-wide expertise and capacity for research, educational and community programs on Aging, and identify interested investigators and groups with the capacity to write grants and execute projects.

Please join one of our meeting facilitators at a WebEx-enabled location on campus (see list below), or join us from your computer by accessing the WebEx information at: https://cctst.uc.edu/programs/cctn/collaboration

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The Collaboration Network

Network Goals
- Facilitate Collaboration
- Pursue Funding Opportunities
- Share Resources
- Build Broad Networks of Faculty and Other Collaborators

Weekly collaboration meetings
(Thursdays 9:00 - 10:00 AM)

Quarterly Major Events

Ways to participate
- In Person (several meeting rooms across the university)
- WebEx (from your office, home, meeting room)
- Please call in from anywhere
- For meeting information contact hildreth@uc.edu

The Collaboration Network
Integration Committee

• A weekly event where early or mid-career research faculty can meet with senior researchers, administrators, faculty, and experienced mentors…

• In order to….

• Present themselves….
• Their current research….
• Research/career plans….

• And receive….

• Thoughts ….
• Suggestions…..
• Connections…..
• And an Integration Committee Mentor…..
Invitees

• Early to Mid-level Level Faculty and Fellows
• Identified through
  • CTSA core services
  • Other institutional research units (eg., Sr. VP for Research)
  • Mentors, Department Heads
  • Academic units overseeing grant programs
  • Self nomination
• Seeking advice, assistance, collaborators, feedback, etc.
Integration Committee Membership

- CTSA PI (1)
- CTSA Executive Committee (Key core directors/administrators) (8)
- UC Asst. Sr. VP for Research (1)
- CTSA Core Services
  - Informatics (3)
  - BERD (Biostatistics, Epidemiology, Research Design) (2-4)
  - Acute Care Research (1)
  - IRB (1)
  - CIS (Center for Improvement Science) (2)
  - KL2/Workforce Development (2)
  - Community Engagement (1-3)
  - Invited guests (Specialists, mentors, colleagues)
Integration Committee Outcomes

- Over 150 participants
- Over 90% made meaningful collaborative connections
  - Over 75% have started projects or written grants with these collaborators
- Over 50% have participated in additional education as a result of Integration Committee suggestions (Note: Additional education was suggested to 65% of participants)
- Other noted key outcomes:
  - JNJ Innovation award (1 awarded per year: over 1,000 applications)
  - Joint faculty appointments (8)
  - Patent applications
Value Proposition

CTSA
- KL2
- Community Engagement
- Pilot Grants
- Work Force Development
- Acute Care Research
- Regulatory and Ethics

CIS

Other
- Faculty Development
  - Coll of Med.
  - IPE
- UC VP for Research
- Coll of Pharmacy
  - Research Residents
- UC Health EBP
- Training grants
- Career Development
- StrokeNET
Value Proposition

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Business Model: Finding Common Ground

- **CIS Needs**
  - Sustain current resources
  - Grow staff
  - Establish an institutional identify

- **Institutional Needs**
  - Support interdisciplinary collaboration
  - Maintain and increase external funding
  - Promote identity of an “Urban University”
  - Better ROI for internal grant funding
Post-Session Evaluation

Please take 2 minutes to complete this brief but valuable post session evaluation. Responses are anonymous and will be used to improve future programming.


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[Thank you!](#)