

NIH Clinical and Translational Science Award (CTSA)

Seattle Planning Group

www.SeattleCTSA.org

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What is the CTSA?

- New NIH Roadmap Grant that replaces and integrates four existing grants
- Comprehensive award intended to support clinical and translational science as a discipline
- NIH's goal: national network of 60 CTSA's by 2012

How did we get here?

Challenges for Clinical and Translational Research

- Increasing regulatory burden and overhead costs
- Difficulty recruiting and retaining clinical and translational researchers
- Fragmented programs
- Limitations and barriers of NIH funding mechanisms and program structure

National CTSA Goal: Transformation

Provide an “academic home” and integrated resources to:

- Advance clinical and translational science
- Create and nurture a cadre of well-trained investigators
- Speed translation of discoveries into clinical research and practice
- Create an incubator for novel ideas

How will we achieve this transformation in Seattle?

Create a new institute for clinical and translational research that:

- Provides resources for original research (support services, scientific core facilities)
- Trains interdisciplinary teams of investigators in an advanced degree program
- Fosters partnerships with industry, NGOs, and community physicians
- Supports research about clinical research (Evaluation)
- Provides pilot project funds

National CTSA Funding

- First Awards made in September 2006
 - ✓ Approximately \$30M to support 4-7 awards
 - ✓ Awards will be 5 years
 - ✓ 50 planning grants (one-time opportunity, each is \$150,000 for one year)
- Substantial Institutional Commitments are required for each CTSA
- Yearly RFAs
- Goal by 2012 : Nationwide network of 60 CTSA's (\$500M)
- UW submitting in second round (January 2007)

Seattle CTSA Funding

- Combines four existing grants in our environment
 - General Clinical Research Center (at UW & Children's Hospital)
 - K12 Clinical Research Career Development Program
 - T32 Multi-Disciplinary Predoctoral Clinical Research Training Program
 - K30 Clinical Research Training Program
- Plus approximately \$2-3M/year (direct funds)
- CTSA proposal will be a composite grant: U54, K12, T32 award mechanisms

Who are our partners?

- University of Washington Health Sciences schools
- UW affiliated hospitals
- Children's Hospital and Regional Medical Center
- Fred Hutchinson Cancer Research Center/ Seattle Cancer Care Alliance (SCCA)
- Benaroya Research Institute at Virginia Mason
- Group Health Center for Health Studies

Why this group?

- Application must come from an institution accredited to award higher degrees in clinical research
- Institutions may be part of only one application
- Broad participation and partnerships are strongly encouraged

Our Aims

- *Academic structure:* create a new institute for translational and clinical science
- *Education and career development:* develop a comprehensive training environment to provide graduate and post-graduate translational and clinical research education, training, and career development.
- *Resources for original research:* identify and develop resources to assist in the conduct of translational and clinical research.
- *Community engagement:* develop an integrated plan to function as a point of contact for partnerships with industry and the community to facilitate translational and clinical research objectives.

Ten Planning Teams

- Administrative Structure
- Evaluation Research Core
- Research Education Core
- Biomedical Informatics
- Design and Biostatistics
- Regulatory Support and Subject Advocacy
- Participant and Clinical Interaction Resources
- Translational Technologies and Resources
- Community Engagement and Research
- Research Partnerships (Industry & NGOs)

Timeline

	2006						2007
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Identify existing resources and needs	■	■	■				
Create the Institute		■					
Write & revise grant proposal		■	■	■	■	■	
Internal Advisory Board review			■				
External Advisory Board review				■			
Determine Institutional Commitments			■	■			
Grant forms and subcontracts				■	■		
Obtain institutional grant approvals						■	
Mail to NIH (Receipt date is 1/17/07)							◆

Earliest possible funding date: Sept. 2007

Re-submission opportunity: 2008

Learn More at our Website

www.SeattleCTSA.org

We'll be posting aggregated data online from surveys and other data collection.