



Cincinnati Children's Wealth CTSA Sector Average

Cincinnati

### CCTST Center for Clinical & Translational Science & Training

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# CTSA Consortium Mission/Vision: CTSA Version 2.0

- Mission: To strengthen and support the entire spectrum of translational research from scientific discovery to improved patient care
- Efforts directed at:
  - Translational research training
  - Data sharing and informatics tools
  - Innovative collaborations
  - Multi-study regulatory hurdlesPatient recruitment

Cincinnati Children's

Other key areas related to research in humans

W Health CTSA

Oper	ational P F	hases o Research		ational
TO	T1	T2	T3	T4
Basic and applied science research · Preclinical and animal studies Defining mechanisms targets and lead molecules	Proof of concept Phase 1 clinical trials	Contolled studies leading to effective care	Phanekation to practice Phase 4 clinical trails and clinical outcomes research Delivery of recommended and timely care to the right patient	Population level outcommunity Population level outcome research Thus benefit to societ
TO	T1	T2	T3	T4
Translatio	on from basic science to hu	man studies		w data into the clinic decision making





















CCTS	Center for Clinical & Translational Science & Training		UNIVERSITY OF CINCINNATI	
Res	search I	Education		
MS in Clinical     - 30 hours +		ional Research		
<ul> <li>Tracks</li> </ul>				
Clinical e	pidemiology	//clinical effectivene	SS	
Molecular epidemiology				
Clinical trials				
<ul> <li>Translational research</li> </ul>				
Clinical r	esearch info	ormatics		
Certificate in C	linical and T	ranslational Resear	ch	
- 14 credit-ho	ours			
<ul> <li>Course available on-line version and can be applied to MSCTR if desired</li> </ul>				
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(	CCTST Center for Clinical & Translational Science & Training
	Pilot Grants
Fund	ding priorities
– N	ew clinical/translational investigators
– B	asic scientist/clinician collaborations
	nterdisciplinary studies, esp. multi-institutional JC-CCHMC-VAMC)
<ul> <li>New</li> </ul>	initiatives
– P	rocesses/Methods
	<ul> <li>Novel methodologies in informed consent, streamlining review process, returning results of genetic studies, tools to enhance research at bedside, enhanced recruitment techniques</li> </ul>

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CCTST Center for Clinical & Translational Science & Training UNIVERSITY OF Cincinnati **Biomedical Informatics** Data warehousing

🕼 Health

- De-identified or identified i2b2 datasets
- Genomics datasets
- Protein modeling/small molecule screening datasets
- · Support for other functions with the Hub
- Education
- REDCap

### Cincinnati Children's CARE In the 2nd Content

CTSA Clinical & Tran

CCTIST Create for Clinical & Translational Science & Training
<ul> <li>Secure, web-based application designed to support data capture for prospective clinical research studies, built using open source products PHP and MySQL with an EAV data model.</li> </ul>
<ul> <li>Metadata-driven software which relies upon a unique metadata- gathering methodology and automated code writing.</li> </ul>
<ul> <li>REDCap was initially developed at Vanderbilt University, which holds the copyright, and is now licensed to partner institutions that provide collaborative support.</li> </ul>
<ul> <li>Today REDCap supports 191,000 projects with 263,000 users from 1,573 institutions in 92 countries from all of REDCap's collaborating institutions http://project-redcap.org</li> </ul>

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CTSA Social Contraction CTSA Social Associations

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Inite Meeting Research Team Definitions Definitions	Asumani Ostrovesini ko REDice Projet Talim Dany Ostoleter Yalam	Promptier EDC Approxime The EDC Approxime Appr	Paululin EDC Applantin
Informatics + Research Team	Informatics Team	Research Team	Research Team
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REDCap P	ractical Matt	ers		
1. Submit Project Inta	ake Form			
2. Requirements				
<ul> <li>System Access</li> </ul>				
<ul> <li>Non-employee REDCap access for external users</li> </ul>				
<ul> <li>Training (~2 hr) for primary contact</li> </ul>				
<ul> <li>Responsible use of a limited resource</li> </ul>				
<ol> <li>Cost to investigato</li> </ol>	r			
Cite grant for support				
<ul> <li>No direct cost to investigator</li> </ul>				
<ul> <li>Ask PI to request funds in new grant</li> </ul>				
4. http://redcap-project	ct.org			
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CCTTST Center for Clinic & Translational Science & Traini	cal ing		
Biostatistics, Epidem	iology, and Resear (BERD)	ch Design	
One-stop shopping three model	ough Research Centra	al – National	
<ul> <li>Serves as a concierge service to support investigators working to develop careers in biomedical research with focus on grant submissions</li> </ul>			
<ul> <li>– 1 hour consultant se investigator</li> </ul>	ervice to define needs	of	
<ul> <li>Support focused on faculty with promising careers with K awards or working on R series awards</li> </ul>			
<ul> <li>Vouchers for up to \$2,000 given for needed services with biostatistical, study design and data management</li> </ul>			
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## CCTST Center for Clinical & Translational Science & Training

UNIVERSITY OF Cincinnati













	iter for Clinical ranslational ence & Training	Objectives	Cincinnati		
<ul> <li>Provide a free, disease portal for willing volu engaged with research</li> </ul>	nteers to expi				
• Eliminate barriers to researchers	oidirectional a	access for both parti	cipants and		
	<ul> <li>Develop a useful tool for measuring and monitoring successful recruitment methods and strategies</li> </ul>				
• Educate and engage w manner with efforts w			e and competent		
Give volunteers a tang to impact the future of			ch and its ability		
• Serve as a complementary tool to existing recruitment efforts					
• Fill a gap in existing r diseases	ecruitment ef	forts, especially with	h respect to rare		
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