

Welcome to the
UMass Center for Clinical and Translational Science (UMCCTS)

Our vision is to improve health and health care delivery by:

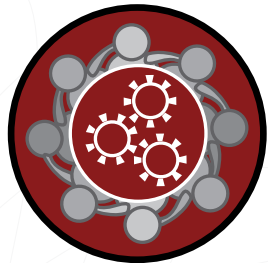
- Advancing the science of translation
- Catalyzing high-quality research across the translational spectrum
- Building and supporting a robust translational workforce

Our overarching goals:

- Speed the development of new products and approaches to advance patient care and community health
- Train the next generation of leaders in clinical and translational research

Discover how we can help you!

Our team will work with you to access our scientific strengths and unique resources. We provide cores, funding and services that enhance the quality, efficiency, speed and impact of your clinical and translational research.



Collaboration, Community Engagement & Team Services

This includes:
Clinical Partners

CTSA Network

UMass Campuses

Community & Science

Participation Cores



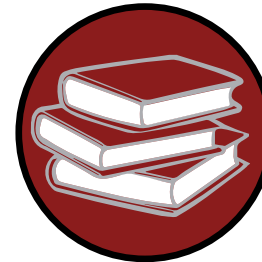
Funding

This includes:
Pilot Grant Programs



Core Resources

This includes:
Project Management
Research Navigation
Research Resources



Workforce Development

This includes opportunities for:
Undergraduate
Junior Faculty
Master's Students
Pre- & Post-Docs

Clinical Research Professionals



Enabling the Quality & Efficiency of Clinical Research

This includes:
UMCCTS TRACs

Multi-site Collaborative Study Assistance

Regulatory Support

Informatics

Biostatistics & Study Design



CENTER FOR CLINICAL AND
TRANSLATIONAL SCIENCE

Education and Training

OPPORTUNITIES	ELIGIBILITY					
	Students	Postdocs	Residents	Fellows	Jr. Faculty	Faculty
"K-Club" Research Career and Writing Group		●		●	●	●
I-Corps Program at the UMCCTS	●	●	●	●	●	●
Mentored Career Development (KL2) Training Program		●		●	●	
Pre- & Post-Doctoral Fellowship (TL1) Training Program	●	●	●	●		
Master of Science in Clinical Investigation Program	●	●	●	●	●	●
MD/PhD (MSTP) Program	●					
Clinical/Translational Research Pathway Program	●					
Millennium PhD Program			●	●		
Clinical and Population Health Research PhD Program	●					
Junior Faculty Development Program					●	●
Human Research Protection Program Training	●	●	●	●	●	●

Highlights

Study Development Resources

- IRB
- Office of Clinical Research
- Protocol Review Committee
- Recruitment Resources
- Quantitative Methods Core

Clinical Research Center

- Space, staff and resources to conduct clinical studies and trials efficiently
- Comprises 5,000 sq ft, 6 exam rooms, 3 infusion bays, a small lab for packaging and shipping specimens, conference room space for monitor and study initiation visits
- Touch-down space for visiting staff and investigators
- Experienced staff with the clinical and regulatory skills to support a wide variety of studies

Community Engaged Research Network Models:

- Campus-based community-engaged research mentorship and training

- Promote recruitment and retention of diverse study participants
- Urban and rural locales

Research Informatics

- One-stop shop for data and analytics

Pilot Funding

- Funds dedicated to multi-investigator pilot projects to incentivize collaborative clinical and translational science partnerships across campuses
- Inter-campus collaborative projects involving faculty members from the Worcester campus and faculty from another UMass campus

Massachusetts Medical Device Development Center (M2D2) - UMass Lowell & UMass Chan

- Incubators/Facilities
- Medical, business and product development assistance

Cores

1. 3-D Printing Core
2. Bioinformatics Core
3. Biospecimen, Tissue and Tumor Bank Core
4. Clinical Research Core
5. Investigational Drug Service Core
6. Office of Clinical Research Core
7. Small Molecule Screening Facility Core
8. Umbilical Cord Blood Core

Programs

1. Biomarker Program: Proteomics/Olink
2. Biostatistics, Epidemiology, and Research Design (BERD) Program
3. Community Engagement and Collaboration Program (CECC)
4. Educational and Training Programs
5. Pilot Project Awards Program (PPP)
6. QA/QC Program
7. Regulatory Knowledge and Support Program
8. Research Informatics Program
9. Science Participation Resource Center Program (SPRC)