Central Iowa’s Multidisciplinary Community Consortium for Clinical Research Training

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The Need for Clinical Research Training

**NIH Roadmap:**
- Need for multidisciplinary translational research teams

**AAMC Clinical Research Taskforce II:**
- Every future physician should receive basic research training
- Academic health centers must collaborate with community healthcare practitioners and practice-based networks

**2007 AAMC Survey of Medical School Clinical Department Chairs:**
- 52% had vacancies for new clinical research faculty
Institutional Members of the Community Consortium

- Des Moines University
- Drake College of Pharmacy
- Mercy Health Network
- Iowa Health System
- Mercy College of Health Sciences
- Broadlawns Medical Center
- Iowa Department of Public Health
- Polk County Health Department
Clinical Research Training Program (CRTP)

- Certificate of Proficiency in Community Clinical Research
- Master of Science in Community Clinical Research
Survey of Consortium Institutions

- Out of 360 respondents 85% expressed interest in the certificate program
- 76% expressed interest in the Master of Science Degree
CRTP Certificate Curriculum

- Introduction to Research Methods and Ethics – 3 hours
- Introduction to Biostatistics – 3 hours
- Introduction to Epidemiology – 3 hours
- Community-based Participatory Research – 2 hours
- Scientific Communication – 1 hour
CRTP: Guiding Principles

- Ethical underpinning in Research training
- Scientific rigor
- Advocacy is an obligation of program participants
- Community focus is a real world focus
- Disciplinary identity of scholars will be expressed throughout interdisciplinary training
- Skills in written and oral communication must accompany training
- Information science and technology
CRTP Funding

- Clinical Research Curriculum Award (CRCA-K30)
- Clinical Translational Science Awards (CTSA)
  - 60 centers by 2012, expansion to 100 centers
CRTP: Challenges for Osteopathic Medical Schools

- Paucity of federal funding (presently there is no Osteopathic Medical School with K30 funding)
- Few institutions with adequate research infrastructure
- Inadequate number of properly trained research mentors
- Institutional commitment to the research enterprise
- Lack of significant collaboration(s) with existing regional CTSA institutions
CRTP: Solutions for Osteopathic Medical Schools

- Commitment to develop core research curriculum locally i.e. OPTI
- Develop core research staff to support infrastructure i.e. recruitment of senior research investigators
- Funding for CRTP from Osteopathic Foundations, AOA, etc.
- Focus on health services research
- Strategically partner with regional CTSA institutions
- AACOM should support the national research imperative