

CTSA Education and Career Development Key Function Committee

Agenda, Wednesday, October 7, 1pm ET

- Welcome and Introductions (Dr. Michael Fleming)
- Welcome trans-NIH Coordinator - Dr. Nancy Desmond (Dr. Carol Merchant)
- Overview Education and Career Development KFC (Dr. Sherine Gabriel)
- Overview of the CTSA Strategic Goal #2
- Education KFC Projects: Core Competencies, Mentoring, National CTSA Educational Resource Program (Drs. Fleming and Merchant)
- National Scholar's Meeting and the TL1 Meeting (Dr. Vicky Fraser)
- Introductions from the new awardees
- Questions and Answer Forum

Next Meeting: November 4, 2009, 1 pm ET

Education and Career Development Key Function Committee

CHAIR: Frederick J. Meyers, UC Davis

Vice-chair: Michael Fleming, University of Wisconsin

- **NIH COORDINATOR(S):**
Desmond, Nancy, NIMH
Merchant, Carol, NCRR
Wilde, David, NCRR
- The committee members participate through working groups and engage partner key function committees who are eager to work collaboratively.
- **139 MEMBERS**

Education Strategic Goal #2

Deliverables:

1. Describe the basic skills, knowledge, and attributes that all clinicians and basic scientists should learn as part of their training experience in clinical and translational science.
2. Develop a graphic display identifying key career decision points, funding opportunities, and unique challenges facing physician-scientists.
3. Create a comprehensive catalogue of educational course work, training modules, and distance learning tools across the consortium.
4. Launch a web portal providing a consortium wide shared educational resource including course work, training modules, and distance learning tools.
5. Draft and submit a white paper defining the best practices for training mentors and recognizing their value in promoting careers in clinical and translational research.

1. Core Competencies Workgroup – The final recommendations for the Core Competencies in Clinical and Translational Research were presented to the SGC#2 and CTSA Executive Committees on June 9, 2009

6 months

2. Lifecycle of the Physician-Scientist- Drs. Meyers and Fleming will map out the lifecycle for physician-scientists and identify funding mechanisms that align with key career decision points.

*** June 2010***

12 months

3. Core Curriculum Workgroup – Dr. Jackson is leading the effort to compile educational course work across the consortium and aligning the curriculum with the core competency recommendations.

*** December 2010***

18 months

4. Open Access Educational Resource – Dr. Hunninghake has drafted a plan in partnership with the NIH Clinical Center to develop an open access portal that will house all of the CTSA training resources.

September 2011

24 months

5. Career Mentoring Workgroup – Drs. Sherwin and Fleming will organize a series of meetings to capture a list of best practices for training mentors across the CTSA consortium.

*** September 2011***

CTSA Education: Milestones

- **Core Competency Workgroup presented their final recommendations for Master's candidates to the SGC #2 and CTSA Executive Committee on June 9, 2009. The living document is posted on CTSAWeb.org.**
- **Mentor Program Workgroup has collected preliminary data on mentor training programs across the consortium. The plan will be to offer best practice training courses and other tools for mentors to improve their mentoring practices.**
- **The National CTSA Educational Resource Program [NCERP] has completed the administrative supplement project cataloging a list of niche course offerings across the consortium. The catalogue list is posted on the CTSAWeb.org website.**

University of Rochester NCERP

<http://www.rochesterctsa.org/ncerp/search/>

The website lists 82 courses (collected from CTSA sites and the NIH).

- The website operates like a “dating service:” someone searches for courses and is directed to contact information to pursue the course.
- No course materials (other than the occasional syllabus) are available on the site.
- Visiting scholarship: Students at CTSA sites can apply for funds and take a course remotely or in-person.
- Visiting professorship: Course Instructor travels to another institution to teach the course to a group of students.

Program Title	Program Director / Institution	Description	Date Submitted
Genetics for Epidemiologists: Application of Human Genomics to Population Sciences	Thomas Pearson, MD, PhD <i>University of Rochester School of Medicine and Dentistry</i>	Goal: To familiarize epidemiologists and population-based investigators with recent developments in the theory and methods of human genetics and genomics.	12/23/2008
The Art of Scientific Presentations	Michael D. Lairmore <i>The Ohio State University</i>	This short course is designed to improve the knowledge and skills in the presenting scientific data	01/06/2009
So you want to be a veterinarian? (<i>inactive</i>)	Michael D. Lairmore <i>The Ohio State University</i>	Web-based module for K-12 to expose interested students to careers in veterinary medicine and research careers	01/06/2009
MTR 607 Pharmacometrics	Emma Meagher, MD <i>University of Pennsylvania</i>	MTR 607 Pharmacometrics This course introduces the discipline of pharmacometrics, highlighting related disciplines such as Clinical Pharmacology and Biostatistics and demonstrating the application of pharmacometric principles applied to drug development and translational research. Relevant statistical methodology is introduced along with targeted lectures in pharmacokinetics, pharmacodynamics and population-based methods.	

National Clinical & Translational Research Education Scholars Meeting - April 6 – 7, 2010

Developing tomorrow's Leaders in Clinical and Translational Research



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- **Mount Sinai School of Medicine (New York City)**
- **New York University School of Medicine (New York City)**
- **University of Arkansas for Medical Sciences (Little Rock)**
- **University of Florida (Gainesville)**
- **University of Illinois at Chicago**
- **University of Texas Medical Branch (Galveston)**