



**Summer, 2014**  
**Message from the CTRC Director**



Services and support for researchers continues to grow at the CTRC, including the growing University-wide Clinical Research Office and the Imaging Center devoted exclusively to preclinical and clinical research. The CTRC has hosted several research symposia and meetings and the CTRC monthly seminar series will start back up after a break for the summer. New progress on the Conventus Building and the new medical school are visible every day in the view from the CTRC windows!

Timothy F. Murphy MD  
Director, UB Clinical and Translational  
Research Center

**News Updates & Upcoming Events**

**Pilot Studies in Clinical and Translational  
Research Awarded to 6 Teams of Researchers**


**CTRC INVESTIGATORS**

**[Bruce Troen Named  
American Geriatrics  
Society Fellow](#)**

The American Geriatrics Society Board of Directors has named Bruce Troen, MD, Chief of Geriatrics & Palliative Medicine and Professor of Medicine as a Fellow of the Society. This honor recognizes Dr. Troen's seminal contributions to the field.



*Bruce Troen MD, Professor of  
Medicine*

 [Click here](#) for more  
information

**[Kenneth Seldeen Wins  
Poster Competition at UB  
Research Symposium](#)**

Dr. Kenneth Seldeen, a postdoctoral scholar in the laboratory of Dr. Bruce Troen, won first place for his research poster on vitamin D insufficiency and physical performance decline at the UB Sixth Annual Postdoctoral Research Symposium. Co

Pilot Studies grants totaling \$200,000 were awarded to 6 teams of researchers based at Buffalo Translational Consortium (BTC) institutions through the [CTRC Translational Pilot Program](#). The awards were made possible through contributions of Deans and leaders of BTC institutions. A total of 51 applications underwent a rigorous two-tiered review process. The grants covered a wide range of disciplines with translational research being the common theme.

[Check out the offices that contributed funds and the winners of the 2014 Pilot Studies Grants.](#)

### CTRC Hosts Buffalo Summer Research Day

Students who participated in 10 different summer research programs at UB, Roswell Park Cancer Institute and the Hauptman Woodward Institute took part in a day-long program at the CTRC on August 1.


In an enormously successful event, attended by about 120 people, the students presented their biomedical research projects in poster format and in oral presentations. The program featured a total of 97 posters, 8 oral presentations by student trainees and an entertaining keynote address by Dr. Anthony Campagnari who talked about early influences in his long and productive career in science.

Click here for [more details](#), including the 10 programs that supported the students' summer research experiences.

authors on the poster were Dr. Manhui Pang and Dr. Troen.



*Kenneth Seldeen PhD*

 [Click here](#) for more details

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### New Grants Awarded to CTRC Investigators-Summer 2014

Six scientists with laboratories in the CTRC were awarded new grants this summer:



*James Jarvis MD*  
Clinical Professor of Pediatrics

- Title: Trophoblasts and Inflammation: An Epigenetic Approach
- Sponsor: National Institute of Child Health and Development



*Poster session at the 2014 Buffalo Summer Research Day (photo by Gloria J. Del Bel).*



*Sarina Meikle, second year medical student in the T35 program, presenting her research performed in the laboratory of Dr. Amy Jacobs, Department of Microbiology (photo by Gloria J. Del Bel).*

### **Mentored Research Career Development Program in Clinical and Translational Science for Junior Faculty Is Launching**

The CTRC is implementing a Mentored Research Career Development Program to help transition junior faculty to become independently funded investigators, and thus train the next generation of leaders in translational science. The program will include didactic training, a mentored research experience, self-monitoring of progress and a formal

- Amount: \$275,000 (2 years)



*Hui Meng PhD*  
Professor of Mechanical & Aerospace Engineering and Neurosurgery

- Title: Development of Blood-Based Biomarkers for Brain Aneurysm Detection
- Sponsor: The Brain Aneurysm Foundation
- Amount: \$25,000

mentoring component.

A committee of educational leaders from the 5 UB health science schools, Roswell Park Cancer Institute and the Research Institute on Addictions developed the program and will serve as a Steering Committee.

An innovative aspect of the program is that it integrates a diverse range of translational scientists, including nurses, dentists, pharmacists, physicians, laboratory scientists, behavioral scientists and others with a clinical or translational theme to their research. Department Chairs are invited to nominate junior faculty for consideration for inclusion in the training program. The program will be conducted with institutional funds until extramural funding is in place; thus, the pool of candidates will be existing faculty. Candidates will be required to devote a minimum of 50% and preferably 75% of their time to research.



**Timothy Murphy MD**  
SUNY Distinguished  
Professor of Medicine

- **Title:** Research Supplement to Promote Diversity in Health-Related Research
- **Sponsor:** National Institutes for Deafness and Other Hearing Disorders
- **Amount:** \$93,050 (2 years)



**Jessica Reynolds PhD**  
Research Assistant  
Professor of Medicine

- **Title:** Pharmacokinetics and Immunodynamics of Multimodal Nanoparticles for HIV and TB
- **Sponsor:** National Institute of Allergy and Infectious Disease
- **Amount:** \$120,000

## CTRC Hosts Department of Medicine Second Annual Research Day

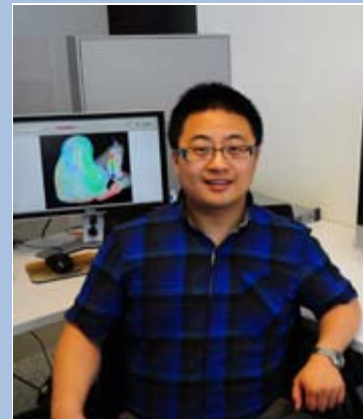
The Department of Medicine held their second annual research day on May 31 in a well-attended event that featured 7 oral presentations and 75 poster presentations by residents and fellows. This forum is the premier research event of the department each year.

[Click here to see the award winners and for more information](#)



*Kinga Szigetti MD PhD*  
Assistant Professor of  
Neurology

- **Title:** Functional validation of the CHRFA7A CNV using induced pluripotent stem cells (iPSC) as model system
- **Sponsor:** Skarlow Memorial Fund Trust
- **Amount:** \$31,000



*Jianping Xiang PhD*  
Research Assistant  
Professor of Neurosurgery

- **Title:** A Bedside Simulation Tool for Neurovascular Intervention
- **Sponsor:** Brain Aneurysm Foundation
- **Amount:** \$10,000

