



Winter, 2015

Message from the CTRC Director



The university-wide Clinical Research Office continues to grow and expand its capacity in supporting clinical research at UB. Dr. Sanjay Sethi has been appointed Medical Director of the Clinical Research Office and Assistant Vice President for Health Sciences. We welcome Dr. David Poulsen, a new faculty member recruited to UB in the Department of Neurosurgery. His outstanding research program in gene therapy of neurological disorders will be based in the CTRC.

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

News Updates & Upcoming Events

**Dr. Sanjay Sethi appointed Medical Director of
Clinical Research Office**


CTRC INVESTIGATORS

[Liver Disease Therapy](#)

[Dr. Andrew Talal](#) of the Department of Medicine will direct the new Center for Clinical Care and Research in Liver Disease with UBMD Internal Medicine. Dr. Talal is an international leader in therapy for hepatitis C and other liver disorders.



Andrew Talal MD MPH

 Click [here](#) and [here](#) for more information

[SUNY Network Aging Partnership](#)

[Dr. Bruce Troen](#), Professor of Medicine and Chief of Geriatrics and Palliative Medicine is a co-investigator on the SUNY Network Aging Partnership, which will establish a statewide infrastructure for interdisciplinary research on aging. This \$147,000 SUNY Networks of Excellence grant is a partnership that includes all four SUNY Academic

[Dr. Sanjay Sethi](#), Professor of Medicine and an internationally recognized clinical researcher in chronic obstructive pulmonary disease (COPD), has been appointed Assistant Vice President for Health Sciences and Medical Director of the [Clinical Research Office](#).

[Click here for more details](#)



Sanjay Sethi MD

Dr. David Poulsen, Moves Laboratory to the CTRC

[David Poulsen PhD](#) has been recruited by the Department of Neurosurgery from University of Montana. Dr. Poulsen's area of expertise is gene therapy for neurological disorders, including epilepsy, amyotrophic lateral sclerosis (ALS), chronic pain and spinal cord injury regeneration. In work supported by major funding from the Department of Defense, he has pioneered studies of therapy of traumatic brain injury. His preclinical work is nearing clinical trials. He is assessing similar approaches for novel treatments for stroke.

Health Centers (UB, Upstate, Downstate, Stony Brook).



Bruce Troen MD, Professor of Medicine



[Click here](#) for more details

[Mechanisms of Autoimmunity](#)

Drs. [Kristina Seiffert](#) and [Animesh Sinha](#) of the Department of Dermatology led a multidisciplinary team in a nanorobotic study to elucidate key mechanisms of autoimmunity.



Animesh Sinha MD PhD



David Poulsen PhD


Medical Student Research Forum

A total of 49 medical students presented their research at the 2015 Medical Student Research Forum on January 29, 2015. This year's forum included the largest number of student presenters in the history of the forum. Students performed their research during summer programs and using time during their medical school training.

[Click here for more details](#)




Kristina Seiffert MD

 Click [here](#) and [here](#) for more details

[Neuroimaging](#)

Drs. [Robert Zivadinaov](#) and [Ferdinand Schweser](#) of the CTRC Imaging center and their colleagues performed a study with high-resolution magnetic resonance imaging that showed a link between dietary habits and iron levels in the brain. A surprising result was a gender difference in the effect of diet.

 [Click here](#) for more details

[Vaccine Development](#)

[Dr. Timothy Murphy's](#) laboratory has identified and characterized two promising vaccine antigens for *Moraxella catarrhalis*, a leading cause of otitis media (middle ear infections) in children. Dr. Taketo Otsuka, a visiting scientist from Niigata University in Japan and



T35 scholars to train physician scientists who presented at the forum. Left to Right: Jay Amin, Kevin Frodey, Tim Murphy (program Co-PI), Caressa Chen, Sam Racette, Sarina Meikle

CTRC Building

The CTRC-Gates Vascular Institute building has been named on a list of the "50 Amazingly Beautiful University Hospitals in North America".

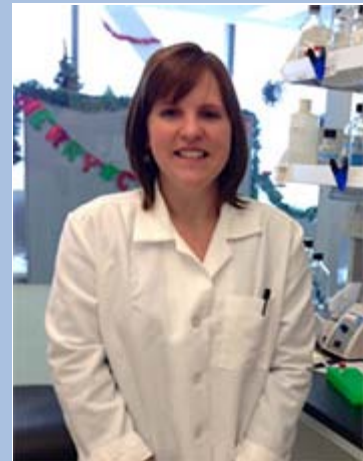
[Read the Buffalo Business First Article](#)

[Read the Best Master of Science in Nursing Article](#)

Megan Jones, a graduate student in the Department of Microbiology are lead authors on the two papers.



Taketo Otsuka MD PhD



Megan Jones



Click [here](#) and [here](#) for the publications