Public Health and Healthcare Informatics Showcase

April 4, 2018 | 7:30–10:00 a.m. | Minnegan Room

Discover new ways to collaborate with researchers, technologies, and students

Innovative research and discovery are happening at Towson University. This Showcase is an excellent opportunity for our community healthcare partners to identify and form collaborative partnerships with Towson University to improve clinical care and public health for Maryland's citizens.

Faculty will provide product demonstrations that highlight the clinical research, medical device development, and health informatics projects being developed at Towson University. Administrators will highlight applied research and teaching opportunities for healthcare partners to create a sustained pipeline of students into the workforce.

Agenda

7:30 a.m.	**Registration and Breakfast**
8:05 a.m.	**Welcome Remarks** Dr. Timothy J. L. Chandler, Provost, Towson University Dr. Kim Schatzel, President, Towson University
8:15 a.m.	**Keynote Speaker** Dr. Thomas B. Smyth, President & CEO, University of Maryland St. Joseph Medical Center
8:35 a.m.	**Faculty Presentations**
9:00 a.m.	**Demonstrations and Networking**
10:00 a.m.	**Conclusion**

FEATURED DEMONSTRATIONS

Applied Information Technology M.S.

PARTICIPATING FACULTY: Suranjan Chakraborty, Ph.D., Department of Computer and Information Sciences; Cheryl Brown, Department of Computer and Information Sciences; Andrea Chenowith, Applied Information Technology

ARMStrokes

PARTICIPATING FACULTY: Sonia Lawson, PhD, OTR/L, FAOTA, Occupational Therapy & Occupational Science; Ziying Katherine Tang, PhD, Computer and Information Sciences; Jinjuan Heidi Feng, PhD, Computer and Information Sciences

Bridging the Gap: Research Collaboration between Speech Pathology and Kinesiology

PARTICIPATING FACULTY: Paul M. Evitts, PhD, CCC-SLP, Audiology, Speech-Language Pathology & Deaf Studies; Devon A. Dobrosielski, PhD, Kinesiology; Dalton Nichols, BS, Kinesiology; Kailyn Asbury, MS, CCC-SLP, Kinesiology; Taylor Westhoff MS, CCC-SLP, Kinesiology

Computer Forensics Post-Baccalaureate Certificate

PARTICIPATING FACULTY: Suranjan Chakraborty, Ph.D., Department of Computer and Information Sciences; Cheryl Brown, Department of Computer and Information Sciences; Andrea Chenowith, Applied Information Technology

Health Information Technology Post-Baccalaureate Certificate

PARTICIPATING FACULTY: Suranjan Chakraborty, Ph.D., Department of Computer and Information Sciences; Cheryl Brown, Department of Computer and Information Sciences; Andrea Chenowith, Applied Information Technology

Integrating an Evidence-Based Intervention in a Smartphone App to Enhance Surgical Safety

PARTICIPATING FACULTY: Cyrus Engineer, DrPH, Department of Inter-professional Health Studies; Subrata Acharya, Ph.D., Department of Computer and Information Sciences

The Impact of Learning Environment on Knowledge Outcomes and Student Satisfaction in Sleep Medicine Education

PARTICIPATING FACULTY: Tamara Douglass-Burton, Ed.D., RRT, RPSGT, Department of Interprofessional Health Studies

Longitudinal Aging Study at Towson [LAST]

PARTICIPATING FACULTY: Nicolas D. Knuth, PhD, Department of Kinesiology

Mobile Health Application for Clinicians to Enhance Clinical Decision-Making at the Point of Care

PARTICIPATING FACULTY: Kyungsook Gartrell, RN, PhD, Department: Department of Nursing

Project yCAT:Young Children's Assistive Technology

PARTICIPATING FACULTY: Amanda C Jozkowski, PhD, OTR/L, Occupational Therapy & Occupational Science; Ziying Katherine Tang, PhD, Computer & Information Sciences; Jinjuan Heidi Feng, PhD, Computer & Information Sciences

Sleep Apnea, cardioVascular and Exercise (SAVE) Study

PARTICIPATING FACULTY: Devon Dobrosielski, PhD, Kinesiology; Susheel Patil, MD, PhD, Pulmonary and Critical Care Medicine, Johns Hopkins School of Medicine

Standard-based Connected Personal Healthcare Framework

PARTICIPATING FACULTY: Yeong-Tae Song, Ph.D., Department of Computer & Information Sciences

Understanding University Students' Exercise FIT Values with Wearable Mobile Health Application for Clinicians to Enhance Clinical Decision-Making at the Point of Care

PARTICIPATING FACULTY: Carrie McFadden, Department: Department of Health Science

Use of a Markerless Motion-Capture System to Assess Lower Extremity Biomechanics in Collegiate Athletes

PARTICIPATING FACULTY: Peter Lisman, Ph.D., ATC, Department of Kinesiology; Nathan Wilder, MS, ATC, Department of Kinesiology

LEARN MORE AND REGISTER

Towson.edu/HealthInformatics

For more information about the event, please contact Dr. Subrata Acharya at 410-704-4938 or sacharya@towson.edu

TOWSON UNIVERSITY