Sustainable Development in Health Through Innovative Technologies

Conference Room Number 8

UN Headquarters

New York, NY

12/1/17 from 1:15-2:30 PM

Contact: Bryan O’Young, MD Tel: 917-838-8528

Organization: The International Society of Physical and Rehabilitation Medicine (ISPRM)

International Council For Caring Communities (ICCC)

Chair: Bryan O’Young, MD

Moderator: Dianne Davis, PhD, John Melvin, MD

This session highlights the application of innovative medical technologies and means to facilitate accessibility to technologies to minimize barriers for participation of persons with disabilities in global society. Presentations focus on the use of regenerative medicine to treat osteoarthritis, the employment of remote virtual therapy to treat paralysis in persons with stroke, the application of 3-dimensional printing to enhance access for orthotics and prosthetics, and the facilitation of access to technologies by means of entrepreneurship and government participation. Presentations will be followed by a discussion with emphasis on effective, sustainable application of these technologies in our global society.

Speakers: (in the order of presentation)

Bryan O’Young, MD (Chair), Physical Medicine and Rehabilitation Residency Program Director, Medical Director of Physiatric Pain Management, Geisinger Health System; ISPRM-UN Task Force, ISPRM; Advisory Board, ICCC; Clinical Professor, NYU School of Medicine; Adjunct Clinical Professor, Weill Cornell Medical College

Dianne Davis, PhD (Moderator), Founding President, International Council for Caring Communities

John Melvin, MD (Moderator), Chair, ISPRM-UN Task Force; Professor and Chair Emeritus of the Department of Rehabilitation Medicine, Sidney Kimmel Medical College of Thomas Jefferson University

Matthew Bartels, MD, MPH, Professor and Chairman of Rehabilitation Medicine, Montefiore Medical Center, Albert Einstein College of Medicine

Application of New and Innovative Technologies in Developing Nations to

Enhance Access for Orthotics and Prosthetics

Christopher Visco, MD, Ursula Corning Associate Professor of Rehabilitation Medicine Research, Vice Chair of Education, Department of Rehabilitation and Regenerative Medicine, Columbia University College of Physicians and Surgeons; Residency Program Director, Physical Medicine and Rehabilitation, Sports Medicine Fellowship Director, New York-Presbyterian Hospital, Columbia and Cornell

Platelet Rich Plasma as a Sustainable and Feasible Treatment Option for Adults with Osteoarthritis in Low Income Countries

Alfred Gellhorn MD, Assistant Professor, Director of Sports Rehab, Dept of Rehab, Weill Cornell Medicine

Platelet Rich Plasma as a Sustainable and Feasible Treatment Option for Adults with Osteoarthritis in Low Income Countries

Preeti Raghavan, MD, Associate Professor, Vice Chair Research, Director, Motor Recovery Research Laboratory, Rusk Rehabilitation, NYU School of Medicine

Telerehab and Virtual Reality: Innovative, Inclusive and Sustainable Technologies to Regain Quality of Life After Stroke

Jacqueline Winstanley, Trustee, Disability Rights UK; Founder CEO, Universal Inclusion; ICCC Global Co-Chair Friends of the Agequake Student Designers

 Inclusive Entrepreneurship key to 2030 Agenda Paradigm Shift

Sam S. H. Wu, MD, MA, MPH, MBA, Clinical Professor and Chairman, Director of Medical Spine Program, Department of Physical Medicine and Rehabilitation, Geisinger Musculoskeletal Institute, Geisinger Commonwealth School of Medicine, Geisinger Health System

Guide to Improving Access to Assistive Technology for Persons with Disabilities Through Appropriate Governmental Selection of Personnel

Website:[www.isprm.org](http://www.isprm.org/), [www.international-iccc.org](file:///C%3A%5CUsers%5Cboyoung1%5CDesktop%5Cwww.international-iccc.org)