Agenda

September 23, 2016
McNamara Alumni Center
University of Minnesota

21st Century Medicine and Surgery: Can Innovation be Translated to Patients?

A CME Course for all healthcare professionals, industry leaders, and patient advocates.
Sponsored by the Medical School, the Medical Executive Committee of the University of Minnesota Medical Center, and the Department of Surgery as part of its 110th Anniversary Celebration

Course Directors: David Rothenberger, MD; John Andrews, MD; Gary Bryant, MD; Levi Downs, MD; Barbara Gold, MD; Genevieve Melton-Meaux, MD, PhD; Clifford Steer, MD

Friday, September 23rd

7:00 – 7:30 am Registration
7:30 – 7:35 am Welcome ................................................................. David Rothenberger, MD
7:35 – 7:45 am Welcome Message from Earl Bakken, founder of Medtronic Read by: Mary Jo Kreitzer, RN, PhD

Session 1: From Legacy to Current State ........................................... Moderator: Arthur Matas, MD
7:50 – 8:05 Disruptive Innovations that Improved Healthcare - Highlights of our Legacy Gregory Beilman, MD
8:05 – 8:20 Research productivity: Innovation in Today’s World Jeffery Miller, MD
8:20 – 8:35 Nurturing the Translational Environment to Improve Healthcare Douglas Yee, MD

8:35 – 9:05 Keynote Speaker: The Power and Risks of Great Ideas Becky Bergman
President of Gustavus Adolphus College
Introduction by Paul Iaizzo, PhD

9:05 – 9:25 Break

Session 2: Thinking Differently

9:25 – 9:55 Keynote Speaker: Harnessing Technology to Work For Us Christine Sinsky, MD
Vice President of Professional Satisfaction, American Medical Association
Introduction by Gary Bryant, MD

Thinking Differently about Genes ...................................................... Moderator: Clifford Steer, MD
9:55 – 10:15 Precision vs Production: How Will Genomics Be Practiced? Kenneth Beckman, PhD
10:15 – 10:35 Genetically Engineering a Solution to the Organ Shortage Christopher Burlak, PhD
10:35 – 10:55 Cell Therapy for Diabetes Bernhard Hering, MD

Thinking Differently about IT
10:55 – 11:25 Keynote Speaker: Patient-centric Approach to IT Alistair Jacques
CIO Fairview Health Services
Introduction by Genevieve Melton-Meaux, MD, PhD

Thinking Differently about Technology, Safety and Quality .................... Moderator: Levi Downs, MD
11:25 – 11:35 Zero Birth Injury Phil Rauk, MD
11:35 – 11:45 Preventable Events to Zero Sayeed Ikramuddin, MD

11:45 – 1:30 Lunch: Videos (BBC video, 4th Dimension video, etc.)
Session 3: Creating our Future Culture

1:30 – 2:00  **Keynote Speaker:** How to Enjoy Riding in a Crowded Bus- Opportunities and Challenges in Conducting Successful Team Science

*Tucker LeBien, PhD*
*Vice Dean for Research, University of Minnesota*

Introduction by Dean Brooks Jackson

*What Can We Do to Survive and Thrive?* ................................................................. Barbara Gold, MD

2:00- 2:20  Physician Burnout .................................................................................. David Rothenberger, MD

2:20- 2:40  Resiliency in a Tough Environment ....................................................... Rosemary Kelly, MD

2:40-3:00  Resident Wellbeing ................................................................................. John Andrews, MD

3:00-3:45  **Panel** ........................................................................................................... Moderator: Barbara Gold, MD

John Andrews, MD; Briar Duffy, MD, MS; Rosemary Kelly, MD; Mary Jo Kreitzer, RN, PhD; David Rothenberger, MD

3:45  Evaluations and Adjourn CME Course

4:00-5:00  **9th Annual Rothenberger Leadership Lecture (Open to the Public):**

_Pamela Melroy (Colonel, US Air Force, Retired)_

_“Leadership in Life-Critical Situations: Lessons from the Space Shuttle”_

Retired astronaut Col. Pamela Melroy will discuss NASA’s approach to developing teams and culture essential for high-reliability organizations to achieve 21st century goals.

Pam is a military test pilot and a former NASA Astronaut. She flew on three space shuttle missions: STS-92, STS-112 and STS-120

*Visit surgery.umn.edu for more information.*

*Or visit: www.AstronautPamMelroy.com: to learn more about Astronaut Melroy*

Introduction by Dean Brooks Jackson

*Memorial Hall, McNamara Alumni Center*

5:00-6:00  Reception (Open to the Public)

6:00-10:00  **Department of Surgery 110th Anniversary Celebration of Excellence (By Invitation Only)**

*Curriculum and faculty are subject to change.*