



# Pumps & Pipes 12

## *It's About Greatness*

December 3, 2018  
Houston Methodist Research Institute

**Registration & Breakfast** 7:00 – 8:00 a.m.

**Getting Started** 8:00 – 8:55 a.m.

*Around The World In 126-Days*

Alan Lumsden, MD  
Medical Director, Houston Methodist DeBakey Heart & Vascular Center (DH&VC)

*It's About Greatness*

Bill Kline, PhD  
P&P Director Emeritus, Retired Manager, ExxonMobil Upstream Research Company

*Hot Off The NASA Press*

Stephen Koerner, MBA  
Associate Director, NASA Johnson Space Center

**Learning Greatness** 8:55 – 9:40 a.m.

*Learning Without Borders*

Carol O'Donnell, PhD  
Director, Science Education Center, Smithsonian Institution, Washington, DC

*Houston Learning Innovation*

Gabriella Rowe, MS  
CEO, Station Houston

**Break**

**Medical Greatness** 9:55 – 11:30 a.m.

*Heart Frontiers*

Juan Granada, MD – **LIVE from New York**  
President & CEO, Cardiovascular Research Foundation

*First At P&P To First In Man*

William 'Billy' Cohn, MD  
Vice President & Director, Johnson & Johnson Center for Device Innovation @TMC  
Eric Peden, MD  
Chief Vascular Surgery, Houston Methodist DeBakey Heart & Vascular Center

*Imaging And Neurosurgery, The Perfect Marriage*

Gavin Britz, MD  
Chairman, Department of Neurosurgery, Houston Methodist Hospital

**LIVE Heart Surgery** – From DH&VC Cardiovascular Operating Room

Image Fusion Of Heart & Pump – Alan Lumsden, MD, Ponraj Chinnadurai, Siemens Healthcare  
Case Introduction – Thomas MacGillivray, MD, Chief Cardiac Surgery, DH&VC  
Live Case – Brian Bruckner, MD & Team, HeartMate III Assist Device Implant

**Breakout Session, Networking & Lunch** 11:30 a.m. – 1:00 p.m.

Roving Reporter, STORZ 3D Movie Theater, Matching Minds Gyms, Rice Artificial Heart Display, Children's Heart Foundation, It's About Greatness Name Game, STEAM Exhibits In MITIE

**Aerospace Greatness** 1:00 – 1:50 p.m.

*Twins*

John Charles, PhD  
Scientist In Residence, Space Center Houston

*Welcome From International Space Station*

Serena Auñón-Chancellor, MD  
Astronaut, Expedition 57 Flight Engineer

*Hitch'n A Ride*

Michael Hess, MBA  
Commercial Crew Program Operations Integration Manager, NASA Johnson Space Center

**Energy Greatness** 1:50 – 3:05 p.m.

*Mission MIC: Changing The Paradigm*

Victor Keasler, PhD – **LIVE from Kennedy Space Center, Florida**  
Director, Oilfield Chemicals RD&E, Nalco Champion an Ecolab Company

*Dog Noses*

Timothy Nedwed, PhD  
Senior Technical Professional, ExxonMobil Upstream Research Company

*Creating Value: Big Data Grows Up*

Rustom Mody, MS  
Vice President, Technical Excellence, Enterprise Technology, Baker Hughes, Inc.

**Break**

**Innovation Greatness** 3:30 – 4:55 p.m.

*Storms A Comin' And The Waters Rising*

Roberta Schwartz, PhD, MHS  
Executive Vice President, Chief Innovation Officer, Houston Methodist Hospital

*Houston, We Need An Innovation Corridor*

Erik Halvorsen, PhD  
Director, TMC Innovation Institute And BioDesign Fellowship Program

*Soft Electronics For Robotic Touch*

Cunjiang Yu, PhD  
Assistant Professor, Electrical and Computer Engineering, University Of Houston

*We Have A Hack For That*

Frank Perez, MS  
Chairman & CEO, Sfile Technology Corporation

**Wrap-Up** 4:55 – 5:05 p.m.

**Networking Reception** 5:30 – 7:30 p.m.

George and Barbara Bush Atrium, Walter Tower at Houston Methodist Hospital