10:45 Break

8:00 Continental Breakfast and Poster Session
Towsley Lobby

8:30 Introduction
Dow Auditorium
Michael W. Mulholland, MD, PhD
Frederick A. Coller Professor of Surgery
Chairman, Department of Surgery

8:35 Scientific Session I
Dow Auditorium
Moderator: Peter Henke, MD
Leland Ira Doan Research Professor of Vascular Surgery
and Associate Chair for Research

Regulatory T cells in the Bone Marrow Microenvironment in Patients with Prostate Cancer
--Ende Zhao, MD

Epithelial Mesenchymal Transition Mediates the Aggressiveness of Pancreatic Ductal Adenocarcinoma
--Filip Bednar, MD, PhD

Localized Iron Chelation Therapy Expediates Consolidation During Mandibular Distraction Osteogenesis
--Alexis Donneys, MD

C3d and the Evocation of Cytotoxic Anti-tumor Immunity
--Ines Silva, PhD

Hospital Quality Ratings and Classification of Morbidity in Vascular Surgery
--Micha E. Girotti, MD

GMI-1070 Decreases Venous Thrombosis in a Mouse Model by Pan-Selectin Inhibition
--Daniel Myers, Jr., DVM

In Situ Biocompatibility of Thin-Film Polymide Neural Electrodes in a Regenerative Peripheral Nerve Interface Setting
--Kristoffer B. Sugg, MD

The Use of a Low Resistance Compliant Thoracic Artificial Lung in the Pulmonary Artery to Pulmonary Artery Artery Configuration
--Christopher N. Scipione, MD

Feasibility of Training UNOS-Certified Cardiothoracic Transplant Surgeons within ACGME Work Hour Regulations
--Andrea T. Obi, MD

The Importance of Improving the Quality of Emergency Surgery for a Regional Quality Collaborative
--Adnan Hussain, BS

11:00 Poster Presentation Rounds
Towsley Lobby

11:45 Lunch
Towsley Lobby

12:30 Scientific Session II
Dow Auditorium

Bone Marrow Derived-Mesenchymal Stromal Cells and Platelet-Rich Plasma on a Collagen Matrix to Improve Fascial Repair
--Jeremy Heffner, MD

Inhibition of CTGF Decreases Matrigel Invasion in Esophageal Adenocarcinoma
--Jules Lin, MD

Breakaway Strength: A Novel Concept for Falls and Playground Design
--Bethany Buschmann

Development of an Artificial Placenta: 70 hour Veno-Venous Extracorporeal Life Support after Acute Respiratory Distress in Premature Lambs
--Brian Gray, MD

Thrombin Mediates Vagal Apoptosis and Dysfunction in IBD
--Danielle Fritze, MD

1:35 Break
Towsley Lobby

1:45 Awards Presentation
Dow Auditorium

Michael W. Mulholland, MD, PhD
GMI-1070 Decreases Venous Thrombosis in a Mouse Model by Pan-Selectin Inhibition

Jay S. Lee, BS
Analytic Morphometry and Surgical Outcomes

Christopher J. Pannucci, MD, MS
Prevention of Venous Thromboembolism in Plastic Surgery Patients: Results of the VTEPS Study

Amir A. Ghafouri, MD, MS
Understanding the Mechanisms Underlying Failure to Rescue

2:30 Keynote Address
Dow Auditorium

Top Ten Strategies for Success in Academic Surgery
--Herbert Chen, MD

Weiping Zou, MD, PhD
Professor, Plastic Surgery

Daniel H. Teitelbaum, MD
Associate Professor, Thoracic Surgery

Andrew Chang, MD
Assistant Professor, General Surgery

Justin B. Dimick, MD, MPH
Assistant Professor, General Surgery

Michael J. Englesbe, MD
Associate Professor, Transplant Surgery

James IV Association of Surgeons Traveling Fellowship representing the US, the Murray Brennan Distinguished Lecture at Memorial Sloan Kettering Cancer Center, the Robert Ravdin Lecture at the University of Pennsylvania, and the Rosen-Rasch Lecture at the University of Toronto.

Since joining the faculty, he has received several honors including the University of Wisconsin Medical Alumni Association Teaching award, Dean's Award for Excellence in Medical Student Research Mentorship, the Leon Sample Memorial Lectureship at Yale University, the Gardner Smith Lectureship at Johns Hopkins, the Australia and New Zealand Chapter of the American College of Surgeons Traveling Fellowship, the James IV Association of Surgeons Traveling Fellowship representing the US, the Murray Brennan Distinguished Lecture at Memorial Sloan Kettering Cancer Center, the Robert Ravdin Lecture at the University of Pennsylvania, and the Rosen-Rasch Lecture at the University of Toronto.

Dr. Chen currently holds the Layton F. Rikkers MD Chair in Surgical Leadership and is Division Chairman of General Surgery at the University of Wisconsin. He is also the Vice Chair of the Department of Surgery, Professor of Surgery and Biomedical Engineering, and the Leader of the Endocrine-Neuroendocrine Cancer Disease Group at the University of Wisconsin Carbone Cancer Center. His clinical interests include endocrine and neuroendocrine disease with a focus on minimally invasive endocrine surgery. Dr. Chen's lab studies the role of Notch, ret-1, and GSK3 in neuroendocrine tumor proliferation and hormone production. He is a funded investigator with two NIH-R01 grants, the American Cancer Society M2EN2 Thyroid Cancer Professorship, and several other society grants. He is PI on 2 active NIH training grants: an NCI-T32 training grant "Surgical Oncology Research Training Program", and an NIDDK-T32 training grant "Surgery Summer Research Experience for Medical Students". Dr. Chen is an Associate/Section Editor for Annals of Surgery, Annals of Surgical Oncology, ACS Surgery, The Oncologist, and Journal of Surgical Research, and serves on 5 other editorial boards.

He is also the Past-President of Association for Academic Surgery, the current Recorder for the American Association of Endocrine Surgeons, the current Secretary-Treasurer for Surgical Biology Club II, and the current Treasurer for the Society of Clinical Surgery.

RESEARCH ADVISORY COMMITTEE
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Associate Professor, Transplant Surgery

Daniel H. Teitelbaum, MD
Professor, Pediatric Surgery

Weiping Zou, MD, PhD
Professor of Surgery

Keynote Address
Top Ten Strategies for Success in Academic Surgery
Herbert Chen, M.D.