

SELECTED RESEARCH HONORS & AWARDS FROM 2010

During summer 2010, the laboratory of **ALEXANDER W. CLOWES, M.D.**, PROFESSOR OF SURGERY, was awarded a 4-year grant from the National Heart, Lung and Blood Institute for the lab's project on "Syndecan-1 and the Arterial Response to Injury." This research aims to define the mechanism by which the transmembrane heparan sulfate proteoglycan, syndecan-1, regulates intimal thickening in injured arteries.

HEATHER L. EVANS, M.D., ASSISTANT PROFESSOR, was awarded a K-12 Comparative Effectiveness Research Career Development Award in June 2010. Dr. Evans' research interests are in surgical outcomes and trauma care delivery.

DAVID R. FLUM, M.D., M.P.H., PROFESSOR OF SURGERY AND ADJUNCT PROFESSOR OF HEALTH SERVICES, was appointed to the 15-member Methodology Committee of the federal Patient-Centered Outcome Research Institute (PCORI). The committee will help the institute develop and update methodological standards and guidelines for comparative clinical effectiveness research. Members of this committee were appointed by Gene L. Dodaro, Comptroller General of the United States and head of the U.S. Government Accountability Office.

THE INSTITUTE FOR SIMULATION AND INTERPROFESSIONAL STUDIES (ISIS) received a three-year \$1 million grant from the Josiah Macy Jr. Foundation and additional funding from the Hearst Foundation to develop a simulation-based, team-training program to improve collaborative interprofessional communication. This training program is led by **BRENDA ZIERLER, PH.D., R.N., R.V.T.**, ASSOCIATE PROFESSOR OF NURSING, and **BRIAN K. ROSS, PH.D., M.D.**, PROFESSOR OF ANESTHESIOLOGY AND ISIS EXECUTIVE DIRECTOR.

SARAH HUGHES JAVID, M.D., ASSISTANT PROFESSOR, was awarded \$25,000 for her research on breast surgery by the Seattle Division of Safeway, Inc.

DAVID W. MATHES, M.D., ASSISTANT PROFESSOR, received the Roche Organ Transplantation Research Foundation Award, a \$100,000 award that supports important and innovative research projects relevant to organ transplantation, for his project "Pre-Clinical Models of Tolerance to Composite Tissue Allografts via Mixed Chimerism," which runs 4/1/10 through 3/11/11. In June 2010, Dr. Mathes was awarded a \$50,000 grant by the Plastic Surgery Educational Foundation for his project "Simultaneous Stem Cell and Composite Tissue Transplantation." This is a one-year award that began 7/1/10 and ends 6/30/11.

MICHAEL S. MULLIGAN, M.D., THE UW DISTINGUISHED ENDOWED PROFESSOR IN LUNG TRANSPLANT RESEARCH, received an R-01 award from the National Institutes of Health (NIH) for his project on "The Role of TLR-4 in Lung Reperfusion Injury." The five-year award continues through July 2014.

In October 2010, **DAVID RABKIN, M.D.**, ASSISTANT PROFESSOR, was awarded the American Surgical Foundation's \$75,000 per year Fellowship Award for his research proposal "Cytokine Removal by Hemoadsorption After Brain Death: Effect on Ventricular Function Before and After Orthotopic Transplantation in a Porcine Model." Funding for this fellowship will commence on July 1, 2011 and continue for a second year commencing July 1, 2012.

The **SURGICAL OUTCOMES RESEARCH CENTER (SORCE)** received an \$11.7 million grant award from the Agency for Healthcare Research and Quality (AHRQ) to create a comparative effectiveness research platform across Washington State hospitals. The Principal Investigator is **DAVID FLUM, M.D., M.P.H.**, and the Department collaborators are **ERIK VAN EATON, M.D.**, **MARK MEISSNER, M.D.**, and **ALEXANDER CLOWES, M.D.** SORCE also received a National Research Service Award (NRSA) training grant (T32), funded by the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK). This SORCE training program offers one new position to post-doctoral trainees each year, providing training through the UW Masters in Public Health (MPH) program, as well as practical experience in outcomes research activities. In addition, SORCE and its colleagues in the UW Centers for Comparative and Health System Effectiveness (CHASE Alliance) received a K-12 award from the National Cancer Institute, which offers structured training to entry- and mid-level faculty focusing on comparative effectiveness research methodology, practical skill development, and community comparative effectiveness research development. The UW CHASE Alliance brings together researchers from across health science disciplines to create and carry out multidisciplinary research and training for comparative effectiveness research.

PETER C. WU, M.D., ASSISTANT PROFESSOR, received a VA Merit Career Development Award to study "Colorectal Cancer Treatment and Cellular Senescence." The \$176,000 grant provides lab funding for a 3-year period.