Cardiovascular Center Receives Grant from A. O. Smith Foundation to Create Fellowship Scholars Program

JANUARY 28, 2016 MCW NEWS — The Medical College of Wisconsin (MCW) Cardiovascular Center is the recipient of a grant from the A. O. Smith Foundation which will support the creation of the A. O. Smith Fellowship Scholars Program. This unique program is designed to support talented cardiovascular researchers and physicians in an innovative educational program that aims to provide mentoring, training, research support, and the necessary resources to overcome the barriers that exist to launching and sustaining a successful research career.

“This contribution provides an unprecedented opportunity to establish our program and support the next generation of talented physicians and scientists whose research could bring about the next treatment that saves a life or prevents a disability caused by cardiovascular disease,” says Ivor J. Benjamin, MD, FAHA, FACC, director of the Cardiovascular Center and professor of medicine at MCW. “The support of the A. O. Smith Foundation demonstrates the strong institutional commitments our innovative training programs have from the community and highlight the ongoing legacy of A. O. Smith as a valued partner.”

The Cardiovascular Center at MCW has a long-standing tradition in cardiovascular sciences stemming from fundamental biology and physiology to cutting edge clinical and translational discovery. With strengths in stem cell biology, genomics, hypertension and microcirculatory function, the Cardiovascular Center takes a collaborative and interdisciplinary approach to research and clinical care.

MCW is the only academic institution in southeastern Wisconsin where physicians and scientists are actively engaged in the fight against heart disease, stroke, and numerous other life-threatening conditions. With more than 30,000 square feet of research space, more than 200 researchers and doctors conduct basic science and clinical research aimed at improving outcomes for patients and families in the Cardiovascular Center.

Herma Heart Center Becomes One of Only Four PHCC-Accredited Pediatric Centers in the U.S.

FEBRUARY 9, 2016 WISCONSIN HEALTH NEWS — The Pulmonary Hypertension Program in the Herma Heart Center at Children’s Hospital of Wisconsin is only the fourth pediatric center in the country, and the only hospital in Wisconsin, to be accredited by the Pulmonary Hypertension Association with its highest designation as a Center of Comprehensive Care. The accreditation recognizes programs with track records of improving the outcomes of patients with pulmonary hypertension, a debilitating disease of the lungs that affects the functioning of the heart and can lead to right heart failure.

“This recognition illustrates the broad depth of care our patients in the Herma Heart Center receive,” said Edward Kirkpatrick, DO, a pediatric cardiologist and director of the Pulmonary Hypertension Program at Children’s. “Our leading-edge, diagnostic expertise and treatment options help pediatric patients of all ages with pulmonary hypertension live life to the fullest.”

Pulmonary hypertension is characterized by increased pressure in the blood vessels of the lungs that makes it difficult for the heart to pump blood into the lungs and can lead to death from heart failure. With symptoms that include breathlessness, fatigue, dizziness and chest pain, many patients with pulmonary hypertension will see three or more physicians before receiving an accurate diagnosis. The survival rate for patients with untreated pulmonary hypertension is less than three years.

Center of Comprehensive Care designation is awarded to programs that demonstrate a dedication to making a proper diagnosis and have the capacity to appropriately and comprehensively manage pulmonary hypertension patients based on criteria established by the Pulmonary Hypertension Association. Accredited Care Centers contribute to the association’s national patient registry that tracks diagnostic and treatment patterns and patient outcomes, and helps establish best practices in patient care.
Leah Solberg Woods, PhD Receives Grant for Genetic Research on Obesity

(NIH) National Institute of Diabetes and Digestive Kidney Diseases to investigate the underlying genetic mechanisms of obesity.

Leah Solberg Woods, PhD, associate professor of genomic pediatrics and cell biology, neurobiology and anatomy at MCW, is the primary investigator of the project.

According to the Centers for Disease Control (CDC), more than one-third of U.S. adults are obese. Obesity can place individuals at risk for related conditions such as heart disease, stroke, type 2 diabetes and certain types of cancers. The estimated medical cost of obesity in the U.S. was over $147 billion in 2008. With the prevalence of obesity, it is imperative to understand the underlying mechanisms of the disorder in order to identify factors which place some individuals at an increased risk. Genetics play a significant role in regulating abdominal fat and obesity. Research into the underlying genetics involved with abdominal fat can help lead to disease prevention and treatment.

During the investigation, Dr. Solberg Woods will utilize a rat model to identify genes that predispose to increased adiposity, or obesity. Previous research in humans has led to identification of more than 40 genes related to adiposity. Despite these successes, the vast majority of genetic variation remains unknown. The investigation carried out by Dr. Solberg Woods will utilize a combination of genetic and statistical tools to identify the causal genes and variants found within genomic regions that have been identified to play a role in body mass index and adiposity.

The major impact of this work will be to accelerate the discovery of genes and networks involved in obesity traits, thereby laying the foundation for improving health associated with abdominal obesity. The research will allow an understanding of causal genes underlying many of the already identified genomic regions associated with obesity and related traits. The researchers expect these studies will directly contribute to increased human health through clinical prediction, development of new drug targets and pharmaceuticals.

Biophysics Researchers Publish Paper Identifying Novel Inhibitors of NADPH Oxidase Enzymes

Dr. Balaraman Kalyanaraman, chairman and professor of biophysics and Harry R. & Angeline E. Quadracci Professor in Parkinson’s Research, and Dr. Jacek Zielonka, research director of the Free Radical Research Center in the department of biophysics, recently published an article in the Journal of Biological Chemistry describing ways with which inhibitors of NADPH oxidase enzyme 2 (Nox2 isoform) are identified. The Nox family of enzymes plays an important role in infection, immunity and inflammation, and identifying specific inhibitors of Nox enzymes is critical to understanding their role in cardiovascular and neurodegenerative diseases and cancer.

In this paper, the authors describe how newly-developed specific assays for reactive oxygen and nitrogen species can be used to screen a library of FDA-approved drugs and identify potential inhibitors of Nox isoforms. Other contributing authors from MCW include Monika Zielonka, research technologist III, Gang Cheng, research scientist II, and Micael Hardy, visiting professor.
Cardiovascular Center Biostatistical Consulting Services

The Medical College of Wisconsin (MCW) Cardiovascular Center (CVC) offers complimentary biostatistical support to its members. Rodney Sparapani, PhD, assistant professor in the Institute for Health and Society, Division of Biostatistics, and member of the CVC, coordinates this valuable membership benefit available to CVC PI's, post-doctoral fellows, graduate students, and laboratory staff.

Dr. Sparapani joined the MCW’s Division of Biostatistics in 2013 after receiving an undergraduate degree in Mathematics at Michigan Technological University, a master’s degree in Mathematics at Marquette University, and a doctorate in Biostatistics at MCW. His current research focuses on applying Bayesian methodology to modern biostatistical problems like survival analysis, health services research, causal inference, comparative effectiveness research and big data/omics. In February, his work on nonparametric survival analysis using Bayesian additive regression trees (BART) was published in the journal Statistics in Medicine.

A large part of his collaborative research has involved cardiovascular disease and medical treatments including ACE inhibitors, eptifibatide and heparin. Last year, he was awarded a grant from the Advancing a Healthier Wisconsin Endowment and the CVC to improve the detection of left ventricular hypertrophy by electrocardiography by creating a new algorithm using modern predictive modeling techniques. In addition to this project, Dr. Sparapani is involved in the CVC’s Cardio-Oncology affinity group and assists several CVC members with their grant proposal and manuscript preparations.

Congrats to CVC Members Named Best Doctors In America
Peter Bartz, Pediatrics (Cardiology); Michael Cinquegrani, Medicine (Cardiovascular); Douglas Evans, Surgery (Surgical Oncology); David Friedland, Otolaryngology; Peter Frommelt, Pediatrics (Cardiology); Mitchell Grayson, Allergy and Immunology; Parameswaran Hari, Medicine (Hematology and Oncology); Srividiya Kidambi, Medicine (Endocrinology); Girija Konduri, Addiction Medicine; John Meurer, Pediatrics; Robert Montgomery, Pediatrics (Hematology/Oncology); Ann Rosenthal, Medicine (Rheumatology); Gary Seabrook, Surgery (Vascular); Roy Silverstein, Medicine (Hematology and Oncology); Ru-Jeng Teng, Pediatrics (Neonatology).
Welcome to the CVC
New Faculty, Drs. Myers and Gundry

<table>
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<tr>
<th>Charles Myers, PhD</th>
<th>The Myers Lab is studying metal complexes, electrophiles, and other agents that promote oxidative stress and/or compromise key antioxidant systems, with particular emphasis on the thioredoxin-peroxiredoxin system. Experimental approaches include EPR for reactive oxygen species and metal-centered enzymes, EPR for reactive metal species, and the use of thioredoxin reductase, thioredoxin, and peroxiredoxin isoforms as endogenous indicators of mitochondrial versus cytosolic redox stress.</th>
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<tr>
<td>professor</td>
<td>Pharmacology &amp; Toxicology</td>
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<tr>
<td>Rebekah Gundry, PhD</td>
<td>The Gundry Lab is developing new strategies to generate well-defined chamber- and maturation stage-specific stem cell derived cardiomyocytes to facilitate the use of these cell types in downstream research and clinical applications; developing non-invasive methods to identify advanced heart failure patients with potential for myocardial recovery and to precisely monitor disease progression and recovery with mechanical circulatory support.</td>
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<tr>
<td>assistant professor</td>
<td>Biochemistry</td>
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New Postdoctoral Fellow, Alex Widiapradja, PhD

Welcome to our newest postdoctoral fellow, Alexander “Alex” Widiapradja, PhD, who is training in the laboratory of Scott Levick, PhD. He received his BSc in Biomedical Sciences and Pharmacology, a Graduate Certificate in Research Commercialization, and his PhD in Pharmacology and Neuroscience from The University of Queensland (Brisbane, Australia) in the laboratory of associate professor Thiruma V. Arumugam. His doctoral studies focused on the role of intravenous immunoglobulin in protection against cell death and blood brain barrier breakdown in ischemic stroke. Before joining the CVC, he also investigated the role of the innate immune system (the complement system) in metastatic melanoma, specifically determining the mechanisms by which C3a-C3aR signaling influences tumor growth and metastasis in Dr. Barbara Rolfe’s laboratory at the Australian Institute of Bioengineering and Nanotechnology (Brisbane, Australia). In the Levick Laboratory, he is investigating the role of substance P in cardiac fibrosis.

New Doctoral Student, Sarah Proudfoot

Welcome to our new doctoral student, Sarah Proudfoot, who is training in Daisy Sahoo, PhD’s laboratory. She received her BS in Biology from Alma College. During her doctoral studies, she will be investigating oxidative modification of high-density lipoprotein (HDL) and its potential for inducing endoplasmic reticulum stress in the progression of atherosclerosis. In addition, she will be performing structural and functional analyses of the HDL receptor, scavenger receptor BI (SR-BI), using NMR and cell-based techniques.
Recent Publications


A Rich History of Discoveries

Discoveries are the catalyst for improving the prevention, diagnosis and treatment of diseases and injuries. Throughout the Medical College of Wisconsin’s history, faculty scientists and physicians have generated discoveries that have saved lives and improved health. In forthcoming newsletters, we will highlight cardiovascular-related discoveries by members of the Cardiovascular Center.

Thomas Aufderheide, MD, Emergency Medicine
Determined that the use of automated external defibrillators, used in conjunction with cardiopulmonary resuscitation, doubles the chances of survival for cardiac arrest victims (2003). Alternative method of CPR proven to increase long-term survival of patients (2011).

John Auchampach, PhD, Pharmacology & Toxicology
Discovered that ATP dependent potassium channel activation is a key component of ischemic preconditioning in the heart (with Garrett Gross, PhD, 1992).

Xiaowen Bai, MD, PhD, Anesthesiology
Discovered that type 2 diabetic patient-derived cells recapitulate the patient’s sensitivity to cardiac stress (with Zeljko Bosnjak, PhD and Scott Canfield, 2013).

John Baker, PhD, Surgery – Cardiothoracic
Discovered that infants activate the same proteins as adults to protect their hearts during open-heart surgery when blood supply is interrupted (2002). Discovered the cardioprotective benefits of thrombopoietin (with Yang Shi, PhD, 2004). Discovered the ability of thrombopoietin to protect the adult heart from damage during a heart attack (2009). Discovered bacteria in the gut that could predict the likelihood of having a heart attack (2012).

Clinical Trials

Clinical study of the effect of dietary salt on genes and blood pressure in women
Feb. 25, 2016 MCW NEWS - Froedtert Hospital and Medical College of Wisconsin (MCW) investigators are recruiting post-menopausal women with high blood pressure for a two-week clinical study that will determine what kind of modifications to one’s genetic code occur with changes in dietary salt. The study will involve a screening visit, two additional study visits, two weeks of low salt diet, and other procedures.

The low salt diet for two weeks will be provided. Subjects will be compensated for their time and effort. If you have questions or would like to enroll, please call (414) 955-7467.

Information on Clinical Trials (updated quarterly) at Froedtert & the Medical College of Wisconsin Heart and Vascular Center is found on their website: www.froedtert.com/research/clinical-trials/heart-and-vascular

- **Advanced Heart Failure Trials:** Interagency Registry of Mechanical Assist Systems: Circulatory Support, NCT00119834; SynCardia Freedom™ Driver System Study, NCT00733447; Exploring Biomarkers for the Diagnosis of Heart Failure with Preserved Ejection Fraction
- **Cardiology Imaging Trial:** MagnaSafe Registry: Determining the Risks of Magnetic Resonance Imaging in the Presence of Pacemakers and Implantable Cardioverter Defibrillators, NCT00907361
- **Diabetic Medication and Its Effects on Blood Vessel Function Trial:** A randomized, crossover design study of acute and chronic effects of sitagliptin on endothelial function in humans with type 2 diabetes on background metformin therapy, NCT01859793
- **Electrophysiology and Arrhythmia Services Trial:** Validation of the Durability of the Adenosine Effect in Verification of Pulmonary Vein Isolation, NCT01590875
- **Peripheral Vascular Disease Trial:** A multicenter, randomized, double-blind, placebo-controlled, parallel group study to evaluate the efficacy, safety, and tolerability of imyelocel-T in subjects with critical limb ischemia and no options for revascularization. REVIVE-Cli, NCT01483898
- **PFO and Embolic CVA Trials:** Randomized Evaluation of Recurrent Stroke Comparing PFO Closure to Establish Current Standard Care Treatment (RESPECT), NCT00485270; Patent Foramen Ovale Closure with the Amplatzer PFO Occluder in Patients with recurrent Cryptogenic Stroke due to Presumed Paradoxical Embolism through a Patent Foramen Ovale who have Failed Conventional Drug Therapy; GORE HELEX™ Septal Occluder and Antiplatelet Medical Management for Reduction of Recurrent Stroke or Imaging-Confirmed TIA in Patients with Patent Foramen Ovale (PFO). The GORE REDUCE Study, NCT00738894
- **PFO and Migraine Trial:** Prospective Randomized investigation to Evaluate incidence of headache reduction in subjects with Migraine and PFO Using the AMPLATZER PFO Occluder compared to medical Management, NCT00355056
Promoting Teaching

The Society of Teaching Scholars has representatives on many Medical College of Wisconsin committees and task forces that are focused on topics of education and curriculum, and is one of only two non-departmental entities with representation on the Faculty Council. Membership of the Society of Teaching Scholars currently includes faculty from 13 clinical departments and four basic science departments. The CVC recognizes and thanks its members for their contributions: Hubert Forster, PhD, Andrew Greene, PhD, John Lough, PhD, and Charles Myers, PhD.

Community Engagement Week

Register now for the Medical College of Wisconsin’s Community Engagement Week, April 20-22nd! Enjoy breakfast and lunch while learning about bridging the gap between academics and the community. Sessions include “Building on Community Assets”, “Reaching Special Populations” and “From Here to There: Community Resources Build a Bridge for Research”. To register (deadline: 3/31) and for more information, go to: www.mcw.edu/Community-Engagement

WOMEN in SCIENCE: 10TH ANNIVERSARY

Feb. 16, 2016 MCW NEWS - The Medical College of Wisconsin invites the public to become members for the 10th annual Women in Science Series, which launches April 7. Women in Science is an opportunity to meet outstanding female scientists and physicians and learn about their cutting-edge research and new treatments for disease.

June 29 — Genetic Research in Congenital Heart Disease: Understanding the Cause, Finding Treatments, presented by CVC member Aoy Tomita-Mitchell, PhD, associate professor of pediatric surgery (cardiothoracic), at the Wisconsin Club (900 W. Wisconsin Ave.), 11:30 a.m. to 1 p.m. Registration required. For details, contact nstrade@mcw.edu or visit http://tinyurl.com/MCW-Women-In-Science
We are gearing up for 2016, with exciting fund-raising events planned. We kicked-off the year with the successful 20th Annual Steve Cullen Healthy Heart Club Run/Walk, held on February 13th, chaired by board member Gael Cullen. On June 11th, we have the annual Have-a-Heart-Motorcycle-Ride hosted at Suburban Motors Harley-Davidson in Thiensville, and mark your calendars to join us on August 1st for the CVC Golf Challenge held at Chenequa Country Club. All proceeds from these events directly support the mission and research of the CVC.

In June, Bruce Smith will become the Board Chair. Our board continues to think broadly about growth, serving as primary advocates in the community, providing significant financial support to its mission to contribute to the elimination of cardiovascular disease through research, clinical treatment, control and education. As I think about what we have accomplished together, I am most proud of our Women’s Heart Healthy Event at the Boelter Superstore which focused attention specifically on presentation and featured many of our talented researchers and clinicians. We also hosted a board social at the new Center for Advanced Care, and collaborated with other MCW board chairs about continued best practices amongst all board members. An open dialogue with others supporting the same organization is essential for growth, structure and stability as Froedtert & the Medical College move into its next chapter. Thank you to Dr. Benjamin, all the staff, and especially each and every member of the board. I look forward to continuing to be a part of this important work.

-Kristine H. Cleary

From the Cardiovascular Center Board Chair

20 Years of Funding Cardiovascular Research: Steve Cullen Healthy Heart Club Run & Walk

February 13 marked the 20th anniversary of the Steve Cullen Healthy Heart Club Run & Walk benefitting the Cardiovascular Center (CVC). Although it was a very brisk 3 degrees at the starting line at 9am, the Run/Walk had an overwhelming attendance of 600 runners and walkers. Gael Cullen, Chair of the event, welcomed the guests, along with Milwaukee County Mayor Tom M. Barrett, Waukesha County Mayor Kathy Ehley, Director of the CVC, Dr. Ivor Benjamin, and 2015 Cullen Scholar, Dr. Aron Geurts.

The Cullen Run/Walk began 20 years ago in memory of former Milwaukee Alderman, Steve Cullen who died of a sudden heart attack at the age of 40. His father, at age 41, and two brothers, ages 53 and 51, also died from heart disease. The Medical College of Wisconsin Cardiovascular Center is affiliated with the Steve Cullen Healthy Heart Club Run/Walk, which annually supports research to benefit heart diseases.
New CVC Board Members

Please join us in welcoming two new members to the Medical College of Wisconsin Cardiovascular Center Board as of December 14, 2015.

William J. Mielke, CEO, Chairman of the Board of Ruekert & Mielke, Inc. Ruekert & Mielke, Inc. is a civil engineering firm in Wisconsin and Illinois that provides services for wastewater treatment systems, municipal water, and impact fees. Mr. Mielke is a personal friend of board member Marybeth Budisch, as well as a grateful patient of Dr. David Marks. He credits Froedtert & Medical College of Wisconsin with saving his life. Bill’s professional passion lies in municipal finance and economics. He has been recognized as a leader in his profession throughout Wisconsin as he served on many state legislative study committees and Governor appointed task forces. He graduated from the University of Wisconsin-Madison with a degree in Civil Engineering. He is a registered Professional Engineer, Registered Land Surveyor, Diplomate in Environmental Engineering and licensed pilot.

Laura J. Freedy, Central Region Compliance Officer, United-Healthcare. Ms. Freedy was personally recommended to the CVC Board by MCW Associate Professor (Dept. of Surgery – Cardiac/Thoracic Pediatrics BBC), Aoy Mitchell, PhD. Ms. Freedy is an executive team member at UnitedHealthcare in the Medica division. She manages the Compliance Department, including HIPPA, Fraud, Code of Conduct and Ethics, Integrity training, as well as works with Federal and State agencies to determine need product enhancements/new programs. She graduated from the University of Minnesota with a degree in Psychology and received her Masters of Arts in Psychology at St. Mary’s University of Minnesota.

Getting to Know CVC Board Member, Lynnea Katz-Petted

Lynnea Katz-Petted is the CEO of Rebuilding Together Greater Milwaukee (RTGM), which is an affiliate of a national program called Rebuilding Together. The mission of RTGM is to revitalize communities by providing free, critical home repairs and comprehensive services to veterans seniors and people with disabilities. Its impact extends beyond individuals served, to revitalizing and stabilizing vulnerable neighborhoods. Its annual impact event, Rebuilding Day, unites a diverse group of volunteers from all walks of life to rehabilitate homes and revitalize Milwaukee communities. She has been a CVC Board member since 2014.

Have a Heart Motorcycle Ride

The 8th Annual Have a Heart Motorcycle Ride, sponsored by the Suburban Milwaukee HOG Chapter and Suburban Motors Harley-Davidson®, will be held on Saturday, June 11, 2016. It will begin and end at Suburban Motors Harley-Davidson® in Thiensville. Join us for a 70-mile scenic ride through the hills and countryside of Southeastern Wisconsin. A great turnout of riders participated in the 7th Annual Event. For 2016, the day will include a pre-ride breakfast and post-ride lunch with live music. Thanks to all who participated last year; YOU HAVE CHANGED LIVES! We look forward to seeing you and new faces at this year’s event!
Upcoming CVC Events

March 14  **CVC-Sponsored Seminar:** “Prevent & Reverse Heart Disease”  
Caldwell Esselstyn, MD, RSVP at tiny.cc/MCWEsselstyn  
*Note - Monday*

March 23  **CVC Seminar:** “Novel Targets in the Treatment of Obesity-Related Cardiovascular Disease”  
David Stepp, PhD (Augusta University)  
Lunch Provided, H4950

April 6  **CVC Seminar:** “Physiologic Function of the Insulin-like Growth Factor-1 E-domain”  
Paul Goldspink, PhD (Dept of Physiology)  
Snacks Provided, H4950

April 20  **CVC Seminar:** “The Role of Adiponectin Signaling in Microvascular Adaptations to Exercise Training”  
Judy Muller-Delp, PhD (Florida State University)  
Lunch Provided, H4950

April 27  **CVC Seminar:** “Amyloidosis”  
Parameswaran Hari, MD *(The Cancer Center)*  
Snacks Provided, H4950

May 26  **CVC Research Retreat**  
Harley Davidson Museum

June 11  **Have a Heart Motorcycle Ride**  
Suburban Motors  
Harley-Davidson, Thiensville

August 1  **CVC Golf Challenge**  
Chenequa Country Club

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**MEDICAL COLLEGE OF WISCONSIN’S CARDIOVASCULAR CENTER**

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**Upcoming CVC Events**

**RSVP Required**

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**CARDIOVASCULAR RESEARCH RETREAT CENTER**

Thursday, May 26th  
7 A.M. to 3 P.M.

Keynote Speaker:  
*John P. Cooke, MD, PhD.*  
Joseph C. “Rusty” Walter & Carole Walter Looke  
Presidential Distinguished Chair in Cardiovascular Disease Research,  
Houston Methodist DeBakey Heart & Vascular Center

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**A special “thank you” to everyone who provided suggestions and feedback for our Fall 2016 and Spring 2017 seminar speakers!**
Kudos

- Tina Wan, PhD and Elizabeth Gizewski, both staff in the laboratory of John Auchampach, PhD in the Cardiovascular Center, were honored for 10 years of service and Meredith Skelton, staff in the Department of Physiology, was honored for 35 years of service at the Medical College of Wisconsin’s 33rd Annual Employee Service Awards, held on January 28th.

- Tom Aufderheide, MD (Emergency Medicine) and Michael Mitchell, MD (Surgery—Cardiothoracic) are recipients of the Milwaukee Business Journal’s 2015 Eureka Awards recognizing innovation and creativity. Dr. Aufderheide will receive a Lifetime Achievement Award for pioneering the use of pre-hospital, 12-lead electrocardiograms in the ambulance. Dr. Mitchell is being recognized for developing a blood test that replaces invasive biopsies to test for rejection in heart transplant patients.

- Karima Ait-Aissa, PhD, a postdoctoral fellow in the laboratory of Andreas Beyer, PhD, was awarded the Caroline turn Suden/Frances Hellebrandt Professional Opportunity Award for her outstanding abstract. She will present her research at the Experimental Biology Meeting in San Diego this April.

- Froedtert & MCW’s Heart & Vascular Center is among the first sites selected to participate in the American College of Cardiology SMARTCare Program. The innovative pilot program is designed to support physicians and stable ischemic heart disease patients in making decisions together about care based on the patient's unique history and the latest treatment criteria.

- Xconomy Wisconsin reported that a start-up company based on the research of Michael Mitchell, MD and Aoy Tomita-Mitchell, PhD, Tai Diagnostics, announced its Series A round has reached $8.3 million.

- Andrew Kadlec, an MSTP student in the laboratory of David Gutterman, MD, received the American Physiological Society Cardiovascular Section Research Recognition Award for his abstract submitted for the Experimental Biology Meeting. He will be honored at the Cardiovascular Section Banquet in April.

- Matthew Durand, PhD was awarded a Mentored Clinical and Population Research Award by the American Heart Association National Research Program for his study entitled, “Ischemic Preconditioning as an Intervention to Improve Paretic Leg Function in Chronic Stroke Subjects”.

Have news you’d like to share in our newsletter? Email Allison at adevan@mcw.edu
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8701 Watertown Plank Road
Milwaukee, WI 53226
Phone: 414-955-5611
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http://www.mcw.edu/Cardiovascular-Center.htm

Vision

The Cardiovascular Center at Froedtert Hospital & the Medical College of Wisconsin aims to become the premier integrated basic and translational academic organization in the United States.

Mission

To improve cardiovascular health in Southeast Wisconsin and beyond through cutting-edge research, cost-efficient and high-quality health care delivery, rigorous training of the next generation of cardiovascular scientists, and engaging the community to eliminate disparities in health outcomes.

Credits

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Academic Program & Research Consultant
Cardiovascular Center

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For questions or additional information please contact Allison DeVan at adevan@mcw.edu; 414-955-5617

To become a CVC member:
http://www.mcw.edu/Cardiovascular-Center/Membership-Guidelines.htm