

Midwest Cardiovascular Research Foundation

Spring 2010

Jesse Stoakes Research Program

Midwest Cardiovascular Research Foundation, Davenport, announced the 2010 recipients of the Jesse Stoakes Student Research Awards for its 4-week summer session.

Archana Chintalapani has completed her junior year at Rivermont Collegiate, Bettendorf, Iowa. Archana plans to pursue a career in medicine.

Alex Dvorak has completed his senior year at Davenport Central High School, Davenport, Iowa. Alex has participated in extracurricular labs, in particular, genetic engineering workshops and plans to pursue a career in science or medicine.

Peter Marogil has completed his senior year at Augustana College, Rock Island, Illinois majoring in biology. Peter has participated in research projects which include the cardiovascular effects associated with cigarette smoking, specifically atherosclerosis and plans to pursue a career in medicine and medical research.

The Stoakes Student Research Award was established in 2006 in memory of Jesses Stoakes, son of Penny and David Stoakes of Bettendorf, who had an avid interest in cardiovascular medicine. He died at age 16 of injuries suffered in an automobile accident.

Midwest Cardiovascular Research Foundation was established in 2002 by Nicolas W. Shammass, MD, MS, as a 501(c)(3) non-profit, tax-exempt scientific and educational foundation dedicated to heart health, education and awareness through quality research and professional and community education programs and projects.

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We're On The Web!
www.mcrfmd.com

Midwest Cardiovascular Research Foundation

1622 E. Lombard Street
Davenport, IA 52803

Phone: 563.324.2828
Fax: 563.324.2835



Clinical Trials

Over 24 clinical trials are currently conducted at MCRF. These include peripheral vascular disease, carotid disease, coronary artery disease, congestive heart failure, hypertension, anticoagulants, NSAIDs and others. The following clinical trails are on-going at MCRF:

- ♥ **ABRAXIS:** A Phase II Trial of ABI-007 (Paclitaxel Albumin-bound Particles) for the Prevention of Restenosis following Revascularization of the Superficial Femoral Artery (SFA)Principal Investigator: Eric Dippel, MD, Clinical Coordinator: Penny Stoakes, RN, Contact Phone Number: 563-324-4384, Sponsor: Spectranetics
- ♥ **COSTAR:** (CLOSED) Currently in follow-up stage. Cobalt chromium STent with Antiproliferative for Restenosis II Trial....CLOSED, Direct Stenting will start in February 2007. Principal Investigator: Nicolas W. Shammass, MD, Clinical Coordinator: Denise Coiner, MS, RTR, Contact Phone Number: 563-324-4384, Sponsor: Conor Medsystems
- ♥ **CHOICE:** Carotid Stenting For High Surgical Risk Patients; Evaluating Outcomes Through The Collection of Clinical Evidence ("CHOICE")....Principal Investigator: Eric Dippel, MD, Clinical Coordinator: Penny Stoakes RN, Contact Phone Number: 563-324-4384, Sponsor: Abbott Vascular
- ♥ **BLOCK hf:** Implantable Bi-Ventricular Cardiac Defibrillator and Implantable Bi-Ventricular Pacemaker....Principal Investigator: Blair Foreman, MD, Clinical Coordinator: Lisa Decker, RN, BSN, Contact Phone Number: 563-324-4384, Sponsor: Medtronic
- ♥ **REDUCE hf:** Implantable Cardioverter Defibrillator....Principal Investigator: Rafat Padaria, MD, Clinical Coordinator: Lisa Decker, RN, BSN, Contact Phone Number: 563-324-4384, Sponsor: Medtronic
- ♥ **CALCIUM 360:** Diamondback 360 Orbital Atherectomy System (OAS)....Principal Investigator: Nicolas W. Shammass, MD, Clinical Coordinator: Denise Coiner, MS, RTR, Contact Phone Number: 563-324-4384, Sponsor: Cardiovascular System Inc.
- ♥ **CLEARWAY:** Dethrombosis of Lower Extremity Thrombus by Local Delivery of Thrombolysis Using ClearWay Transcatheter Balloon Irrigation: a feasibility and dose finding study....Principal Investigator: Nicolas W. Shammass, MD, Clinical Coordinator: Denise Coiner, MS, RTR, Contact Phone Number: 563-324-4384, Sponsor: Atrium Medical Corporation
- ♥ **CYPHER ELITE:** A Prospective, Single-Blind, Randomized, Multi-Center Study Comparing the CYPHER@ELITE™ to the CY{HER@BxVELOCITY@ Sirolimus-Eluting Stent Systems....Principal Investigator: Eric Dippel, MD, Clinical Coordinator: Desyree Weakley, RN, Contact Phone Number: 563-324-4384, Sponsor: Johnson & Johnson
- ♥ **DEFINITIVE Ca++:** Principal Investigator: Nicolas W. Shammass, MD, Clinical Coordinator: Denise Coiner, MS, RTR, Contact Phone Number: 563-324-4384, Sponsor: Ev3, Inc.
- ♥ **DELETE:** Principal Investigator: Nicolas W. Shammass, MD, Clinical Coordinator: Denise Coiner, MS, RTR, Contact Phone Number: 563-324-4384, Sponsor: Spectranetics
- ♥ **EMINENCE:** Evaluation of M118 IN PercutaNeous Coronary IntErvention. MOM-M118-006 A randomized, multi-center, open-label, parallel group feasibility study to determine the safety and efficacy of the rationally engineered heparin M118 vs. UFH in patients with stable coronary artery disease undergoing percutaneous coronary intervention (PCI)...Principle Investigator: Eric Dippel, MD, Clinical Coordinator: Desyree Weakley, RN, Contact Phone Number: 563-324-4384, Sponsor: Momenta Pharmaceuticals, Inc.
- ♥ **ORION:** Principal Investigator: Nicolas W. Shammass, MD, Clinical Coordinator: Denise Coiner, MS, RTR, Contact Phone Number: 563-324-4384, Sponsor: Spectranetics
- ♥ **ORBIT:** Principal Investigator: Nicolas W. Shammass, MD, Clinical Coordinator: Denise Coiner, MS, RTR, Contact Phone Number: 563-324-4384, Sponsor: MCRF
- ♥ **OPTIVOL:** Principal Investigator: Blair Foreman, MD, Clinical Coordinator: Lisa Decker, BSN, RN Contact Phone Number: 563-324-4384, Sponsor: Medtronic
- ♥ **RESOLUTE:** Principal Investigator: Nicolas W. Shammass, MD, Clinical Coordinator: Lori Christensen, RN Contact Phone Number: 563-324-4384, Sponsor: Medtronic



Spring 2010

Clinical Trials - Continued

- ♥ **PRECISION:** A Randomized, Double Blind, Parallel-Group Study of Cardiovascular Safety In Osteoarthritis or Rheumatoid Arthritis Patients With or at High Risk for Cardiovascular Disease Comparing Celecoxib With Naproxen and Ibuprofen **THIS IS AN ARTHRITIS STUDY**....Principal Investigator: Nicolas W. Shammam, MD, Clinical Coordinator: Lori Christensen, RN, Contact Phone Number: 563-324-4384, Sponsor: Pfizer
- ♥ **POLAR CATHETER:** Reduced Stent Utilization with Cryoplasty Using the Pp;ar Catheter versus Plain Old Balloon Angioplasty: A Randomized Trial....Principal Investigator: Nicolas W. Shammam, MD, Clinical Coordinator: Denise Coiner, MS, RTR, Contact Phone Number: 563-324-4384, Sponsor: Boston Scientific, Inc.
- ♥ **PERSEUS** (Closed to enrollment): A Prospective Evaluation in a Randomized Trial of the Safety and Efficacy of the Use of the TAXUS® Element™ Paclitaxel-Eluting Coronary Stent System for the Treatment of De Novo Coronary Artery Lesions...Principal Investigator: Eric Dippel, MD, Clinical Coordinator: Desyree Weakley, RN, Contact Phone Number: 563-324-4384, Sponsor: Boston Scientific Corporation
- ♥ **ROCHE:** A phase III, double-blind, randomized placebo-controlled study, to evaluate the effects of RO4607381 on cardiovascular risk in the stable CHD patients, with a documented recent Acute Coronary Syndrome.....Principal Investigator: Nicolas W. Shammam, MD, Clinical Coordinator: Lori Christensen, RN, Contact Phone Number: 563-324-4384, Sponsor: Hoffmann-La Roche LTD
- ♥ **SAPPHIRE:** SAPPHIRE WW Stenting And Angioplasty With Protection in Patients at High-Risk For Endarterectomy....Principal Investigator: Eric Dippel, MD, Clinical Coordinator: Penny Stoakes, RN, Contact Phone Number: 563-324-4384, Sponsor: Cordis
- ♥ **ST DETECT:** ST Segment Detection Study....Principal Investigator: Blair Foreman, MD, Clinical Coordinator: Lisa Decker, RN, BSN, Contact Phone Number: 563-324-4384, Sponsor: Medtronic
- ♥ **SATURN:** Study of Coronary Atheroma by InTravesicular Ultrasound: Effecto of Rosuvastatin Versus AtrovastaiN.....Principal Investigator: Eric Dippel, MD, Clinical Coordinator: Desyree Weakley, RN, Contact Phone Number: 563-324-4384, Sponsor: AstraZeneca
- ♥ **STROLL:** Cordis STROLL Study.....Principal Investigator: Eric Dippel, MD, Clinical Coordinator: Penny Stoakes, RN, Contact Phone Number: 563-324-4384, Sponsor: The Medicine Company
- ♥ **TAMARIS:** A randomized, double-blind placebo controlled parallel group study of the efficacy and safety of 4 administrations of XRP0038/NV1FGF 4mg at 2-week intervals on amputation or any death in critical limb ischemia patients with skin lesions....Principal Investigator: Nicolas W. Shammam, MD, Clinical Coordinator: Lori Christensen, RN, Contact Phone Number: 563-324-4384, Sponsor: Sanofi-Aventis
- ♥ **VIVA II SALVAGE:** (Closed to enrollment.) A ProSepctive, Multi-center TriAL to Evaluate the Safety and Performance of Spectranetics Laser with Adjunct PTA and GORE VIABAHN® Endoprosthesis for the Treatment of SFA Instent Restenosis....Principal Investigator: Eric Dippel, MD, Clinical Coordinator: Penny Stoakes, RN, Contact Phone Number: 563-324-4384, Sponsor: VPI VIVA Physicians Inc.
- ♥ **VIVA I XCELL:** VIVA I: XCELL Trial XPERT™ NITINOL STENTING FOR CRITICALLY ISCHEMIC LOWER LIMBS....Principal Investigator: Eric Dippel, MD, Clinical Coordinator: Penny Stoakes, RN, Contact Phone Number: 563-324-4384, Sponsor: VIVA Physicians, Inc.
- ♥ **ZoMAXX:** (Closed-Currently in follow-up phase.) A Randomized, Controlled Trial to Evaluate the Safety and Efficacy of the ZoMaxx™ Drug Eluting Coronary Stent System as Compared to TAXUS™ Express²™ Paclitaxel-Eluting Stent in *de novo* Coronary Artery Lesions....Principal Investigator: Nicolas W. Shammam, MD, Clinical Coordinator: Denise Coiner, MS, RTR, Contact Phone Number: 563-324-4384, Sponsor: Abbott Vascular Devices



Pictured Below: Eric J. Dippel, MD
President and Associate Research Director
Midwest Cardiovascular Research Foundation

Pictured Above: Nicolas W. Shammam, MD
Founder and Research Director
Midwest Cardiovascular Research Foundation





Cardiovascular Interventions and Practice Guidelines 2010 Conference

Cardiovascular Interventions and Practice Guidelines (CIPG 2010) is a multidisciplinary conference for general cardiologists, endovascular specialists, primary care providers, cardiovascular nurses, technicians and nurse practitioners jointly sponsored by Midwest Cardiovascular Research Foundation and the Genesis Medical Center. This symposium is designed to give a comprehensive update in various aspects of cardiovascular diseases and focuses on adhering to national guidelines. The invited faculty will provide attendees with practical tips useful in daily practice.

This year's conference will be held at the Adler Health Education Center, Genesis Heart Institute, Davenport, Iowa, Friday, October 8, 2010. Healthcare professionals will benefit from 7 presentations from experts in cardiovascular diseases that included the following speakers:

- ♥ Nicolas W. Shammass, MD, MS (Conference Director)
- ♥ Eric J. Dippel, MD (Conference Director)
- ♥ Blair Foreman, MD (Conference Co-Director)
- ♥ Nidal Harb, MD
- ♥ Danita Harrison, ARNP
- ♥ Sora Reddy, MD
- ♥ Peter P. Toth, MD, PhD



All registrants will attend the session on Friday, October 8th, with an open buffet lunch for physicians and for allied health care professionals. The session will conclude by 4:00p.m. Log onto our website www.mcrfmd.com for more information.

John Hanson Limb Ischemia Seminar 2010

Midwest Cardiovascular Research Foundation hosted our third conference on Limb Ischemia, May 25, 2010 at the Radisson Quad City Plaza. Dr. Nicolas W. Shammass, MD, Founder and Research Director at MCRF delivered the latest information on the magnitude of Limb Ischemia and Thrombus in Limb Ischemia. Dr. Eric J. Dippel, MD, President and Associate Research Director at MCRF presented treatment of Critical Limb Ischemia and Dr. Richard Sadler, MD, with Iowa Vein Clinic presented wound management in patients with Critical Limb Ischemia. The lively presentations generated interaction and questions from the over 50 physicians and allied health care professionals who attended the evening conference hosted and moderated by Dr. Eric Dippel, MD, President and Associate Research Director of MCRF.



This conference was made possible through the generous contribution of the following:

Atrium Medical, Bard Peripheral Vascular, Cardiovascular Systems, Inc., J&J Cordis Endovascular, MedRad Interventional (Possis), Spectranetics, Terumo Medical, and Volcano Corporation.

Saving Legs, Saving Lives...

Peripheral Vascular Disease Made Simple

“**Saving Legs, Saving Lives**” has been recently published by the Midwest Cardiovascular Research Foundation and will be available to our community free of charge. Edited by Dr. Nicolas W. Shammass with 12 contributing authors, the book offers a simple and comprehensive resource to rapidly growing population of peripheral artery disease, a disease of the blood vessels that supply the lower extremities, is likely to continue to increase in the future with the rise in obesity and diabetes. Dr. Shammass wrote in the Preface of the book:

“Peripheral Artery Disease (PAD) leads to amputations and is associated with a high rate of cardiovascular death and strokes. Over the past several years there has been an exponential increase in peripheral vascular procedures that address the problem of PAD. The answer to fight this disease, however, is first and foremost in its prevention. In this book we address the diagnosis, prevention and treatment of PAD and invite our readers to play a key role in assisting in fighting this relentless disease that is costing our healthcare system billions of dollars and thousands of lives every year. Together we can save legs and save lives. Let the battle begin!”



This book is published by the Midwest Cardiovascular Research Foundation, Davenport, Iowa, established in August of 2002. MCRF is a nonprofit 501(c) (3) public charitable foundation. After the tremendous success of its first book, “*Learn about Your Heart . . . Made Simple*”, and its second book “*Live Longer...Live Healthier: The Secrets for Graceful Aging*”, the Foundation embarked on the ambitious project of accomplishing “**Saving Legs, Saving Lives**”. With 13 contributing authors and 17 chapters touching on peripheral arterial disease and offering advice on how to prevent and deal with the disease, the Foundation offers a simple but comprehensive resource to those suffering with diseases of the legs. The book was written in question-and-answer format with a detailed index to help readers go directly to the questions they have in mind. This book offers general directions and ideas and should not be considered a substitute for medical attention.

The Foundation is indebted to the generous support we have received from the various foundations in our community that allowed this book to be distributed free of charge in the Quad-City area. We are specifically thankful to Cardiovascular Medicine, P.C., Scott County Regional Authority, and Genesis Medical Center. We are also indebted to the tireless effort of many individuals who have made this book a reality by providing a high level of expertise, passion and dedication. I would like to acknowledge Suzanne Hartung for her tireless editing of the book, Lynne Majetic for the cover design, illustrations and graphic design/layout, and all the MCRF Foundation staff for their efforts and contribution. We also extend special thanks for our Foundation legal and accounting advisers, Mr. Richard Bittner and Mr. Stephen Landauer, for their tireless efforts and support to the Foundation.

We sincerely hope that this book will help those suffering from peripheral arterial disease and that it helps them enjoy excellent health.

Midwest Cardiovascular Research Foundation
Nicolas W. Shammass, MD, MS, FACC
Founder and Research Director



Recent Publications Carrying MCRF Name



Schwartz GG, Olsson AG, Ballantyne CM, Barter PJ, Holme IM, Kallend D, Leiter LA, Leitersdorf E, McMurray JJ, Shah PK, Tardif JC, Chaitman BR, Duttlinger-Maddux R, Mathieson J; dal-OUTCOMES Committees and Investigators (Shammas NW listed as a collaborator). Rationale and design of the dal-OUTCOMES trial: efficacy and safety of delcetrapi in patients with recent acute coronary syndrome. *Am Heart J.* 2009;158(6):896-901.e3.

Shammas NW, Shammas GA, Dippel EJ, Jerin M, Shammas WJ. Predictors of distal embolization in peripheral percutaneous interventions: a report from a large peripheral vascular registry. *J Invasive Cardiol.* 2009;21:628-31.

Shammas NW, Shammas GA, Hahn A, Jerin M, Dippel EJ, Winter M. In-hospital complications and long-term outcomes of the paclitaxel drug-eluting stent in acute ST-elevation myocardial infarction: a real-world experience from a high-volume medical center. *Cardiovasc Revasc Med.* 2009;10(3):151-5.

Shammas NW, Shammas G, Bryan D, Rauba J, Dippel E, Jerin M. Predictors of target lesion revascularization in patients undergoing lower extremity percutaneous interventions. *J Invasive Cardiol.* 2009;21(6):266-9.

Shammas NW. Taking Femoropopliteal Excimer Laser Photoablation Therapy to the Next Level: Defining the Role of the TURBO-Booster Guiding Catheter in the CELLO Registry. *Journal of Endovascular Therapy* 2009;16 676-679.

Shammas NW. Embolic Protection in Percutaneous Intervention. Focus article. Guest Editor. *J Invasive Cardiol* 2009;21 (6): A7-A13

Shammas NW. Optimal Strategy in Lower Extremity Peripheral Percutaneous Interventions: An Interventionalist's Perspective. *Vascular Disease Management* 2009;6:36-40

Shammas NW, Sica DA, Toth PP. A Guide to the Management of Blood Pressure in the Diabetic Hypertensive Patient. *American Journal of Cardiovascular Drugs*, 2009;9(3):149-162

Shammas NW, Shammas GA, Dippel EJ, Shammas WJ, Jerin M. Predictors of distal embolization in peripheral percutaneous interventions (PPI): data from a real world registry. Oral presentation in Beijing, China, International College of Angiology meeting, 51st Annual Scientific sessions, Page 25 (abstract book), October 26, 2009.

Shammas NW, Shammas GA, Coiner D, Jerin M, Christensen L, Dippel E. Predictors of bail out stenting in patients undergoing lower extremity interventions: results from the SMARTHAWK randomized trial. Oral presentation in Beijing, China, International College of Angiology meeting, 51st Annual Scientific sessions, Page 26 (abstract book), October 26, 2009.

Shammas NW, Coiner D, Shammas GA, Jerin M, Dippel EJ. Target lesion and target vessel revascularization in patients undergoing angioplasty versus atherectomy: results from the SMARTHAWK trial. Oral presentation in Beijing, China, International College of Angiology meeting, 51st Annual Scientific sessions, Page 27 (abstract book), October 26, 2009.

Shammas NW, Shammas GA, Coiner D, Christensen L, Dippel E, Jerin M. Inflammatory and hematologic markers in patients undergoing peripheral angioplasty versus SilverHawk atherectomy: results from the SMARTHAWK randomized trial. Oral presentation in Beijing, China, International College of Angiology meeting, 51st Annual Scientific sessions, Page 28 (abstract book), October 26, 2009.

Shammas NW, Shammas GA, Dippel EJ, Shammas AN, Jerin M. In-hospital safety and effectiveness of bivalirudin in peripheral percutaneous interventions (PPI): data from a real world registry. Oral presentation in Beijing, China, International College of Angiology meeting, 51st Annual Scientific sessions, Page 29 (abstract book), October 26, 2009.

Shammas NW, Shammas GA, Dippel EJ, Jerin M, Shammas WJ. Predictors of distal embolization in peripheral vascular interventions: data from a real world registry. *Am J Cardiol* 2009;104:215D (abstract presented at the Transcatheter Cardiovascular Therapeutics, Sept 21-25, 2009, San Francisco, USA)

Shammas NW, Shammas GA, Jerin M, Dippel EJ, Shammas AN. In-hospital safety and effectiveness of bivalirudin in percutaneous peripheral interventions. Data from a real-world registry. *J Endovasc Ther.* 2010 Feb;17(1):31-6.

MCRF Board of Directors

Founder and Research Director Nicolas W. Shammass, MD, MS, is an interventional cardiologist with Cardiovascular Medicine, P.C., Davenport, IA, and a Clinical Assistant Professor at the University of Iowa in Iowa City. He founded MCRF in 2002 to facilitate cardiovascular clinical research and education. He has been active as principal or co-investigator in over 100 research trials, has been a participating author in over 130 publications, and is a popular presenter at international professional meetings.

President and Associate Research Director Eric J. Dippel, MD, is an interventional cardiologist with Cardiovascular Medicine, P.C., Davenport, IA. As principal or co-investigator, he is active in peripheral and endovascular research. Dr. Dippel presents his findings through speeches at professional meetings both nationally and internationally, and as an author in industry publications.

Director Clark Arons, CLU, FIC, Bettendorf, IA, is a Senior Financial Consultant with Thrivent Financial for Lutherans, specializing in money management, estate planning and charitable giving. He is active in the community, serves on many boards and is a motivational speaker for young people.

Director Nicholas S. Coin, Rock Island, IL, is the manager of the investment department and treasurer at Modern Woodmen of America based in Rock Island, Illinois. He is also responsible for all outside banking relationships and activities and shares his expertise on a variety of other community volunteer organizations.

Director John DeDoncker, Bettendorf, IA, is the President of THE National Bank, Bettendorf, IA. As an attorney and banking executive, he shares his expertise on many community organization boards.

Director Blair Foreman, MD, is a cardiologist and electrophysiologist with Cardiovascular Medicine, P.C., Davenport, IA. He actively participates in cardiovascular research projects focusing on electrophysiology.

Director James Kapalis, Bettendorf, IA, is a retired executive of Deere & Company, Moline, IL, and is currently President of Global Supply Chain Solutions, Inc., Bettendorf, IA. He serves as a member of the American Red Cross Disaster Team, and is an active member on many community organization boards.



TO CONTACT MCRF

Feel free to contact us regarding submitting manuscripts or articles, obtaining publications, booking a speaker, contributing funds or other matters.

To submit manuscripts, discuss research possibilities, etc., contact:

Dr. Nicolas W. Shammass, MD
Founder & Research Director
Editor-in-Chief, Editorial Board
shammass@mchsi.com

For other assistance or information, contact:

Maureen Koepke
Office Manager
563.324.2828
koepkem@mcrfmd.com

MCRF Donation Form

YES, I want to help support Midwest Cardiovascular Research Foundation research projects and education to promote heart health in this community.

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Sustainer - \$50

Benefactor - \$250

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Individual - \$20

My employer will match my gift. I enclose the form for the matching gift.

Checks should be payable to Midwest Cardiovascular Research Foundation

GIFTS are a meaningful way to remember someone special. Your gift will be acknowledged by Midwest Cardiovascular Research Foundation to the person/family remembered.

In honor of _____

In memory of _____

Amount enclosed \$ _____

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**Midwest Cardiovascular
Research Foundation**

All gifts to MCRF are fully tax deductible under the U.S. Internal Revenue Code.

100% of all gifts are applied to research and education for heart health in this community.

For more information about MCRF visit www.mcrfmd.com or phone 563.324.2828