Date of Document: March 29, 2024

# **CURRICULUM VITAE**

# Michael E. Widlansky MD

Associate Director, Professor Department of Medicine Division of Cardiology

#### **OFFICE ADDRESS:**

Hub for Collaborative Medicine 8701 Watertown Plank Road Milwaukee, WI 53226

#### **EDUCATION:**

09/1991 - 06/1995 BS - Chemistry, Stanford University, Stanford, CA

08/1995 - 06/1999 MD, University of Michigan, Ann Arbor, MI

09/2002 - 09/2004 MPH - Biostatistics and Epidemiology, Boston University, Boston, MA

08/2008 - Present MS - Bioinformatics, MCW/Marquette University, Milwaukee, WI

# POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

06/1999 - 06/2002 Internship and Residency, Medicine, Brigham and Women's, Boston, MA

07/2002 - 06/2007 Teaching Fellow in Medicine, Boston University School of Medicine, Boston, MA

07/2002 - 06/2004 Fellow, Clinical Research Training Program, Boston University School of Medicine, Boston, MA

07/2002 - 06/2007 Research/Clinical Fellow, Cardiovascular Medicine, Boston Medical Center, Boston, MA

07/2006 - 06/2007 Cardiac Magnetic Resonance Imaging Fellowship, Beth Israel Deaconess Medical Center, Boston, MA

09/2015 - 06/2016 Medical College of Wisconsin Leadership Academy, University of Wisconsin - Milwaukee, Milwaukee, WI 53211

## **FACULTY APPOINTMENTS:**

07/2007 - 06/2012 Assistant Professor of Medicine and Pharmacology, Medical College of Wisconsin and Froedtert Hospital, Milwaukee, WI

07/2012 - Present Associate Professor of Medicine and Pharmacology, Medical College of Wisconsin and Froedtert Hospital, Milwaukee, WI

# **EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:**

- 01/2010 08/2014 Associate Fellowship Director for Research, Cardiovascular Medicine, Medical College of Wisconsin and Froedtert Hospital, Milwaukee, WI
- 09/2014 Present Fellowship Director, Cardiovascular Medicine, Medical College of Wisconsin, Milwaukee, WI
- 04/2015 Present Associate Chief for Academic Affairs, Medicine, Division of Cardiovascular Medicine, Medical College of Wisconsin, 8701 Watertown Plank Road, Milwaukee, WI 53226
- 12/2016 Present Staff, Community Memorial Hospital, W180 N8085 Town Hall Road, Menomonee Falls, WI 53051

# RESEARCH ADMINISTRATIVE APPOINTMENTS:

- 07/2010 Present Co-Director, Cardiovascular Core, Clinical Translational Research Initiative, Adult Translational Research Unit, Medical College of Wisconsin
- 05/2011 08/2014 Director of Research, Medicine, Division of Cardiovascular Medicine, Medical College of Wisconsin, Milwaukee, WI

#### **HOSPITAL STAFF PRIVILEGES:**

07/2002 - 07/2005 Part-Time Attending Physician, Internal Medicine, New England Sinai Rehabilitation, Stoughton, MA

07/2003 - 02/2005 Affiliate Medical Staff, Internal Medicine, Faulkner Hospital, Boston, MA

07/2006 - 07/2007 Affiliated Medical Staff, Internal Medicine, Boston Medical Center, Boston, MA

07/2007 - Present Staff Physician, Cardiovascular Diseases, Froedtert Memorial Lutheran Hospital, Milwaukee, WI

08/2009 - Present Staff Physician, St. Joseph's Hospital, West Bend, WI

#### SPECIALTY BOARDS AND CERTIFICATION:

Board CertifiedIssue DateExpirationABIM- Internal Medicine10/2002NoneTestamur, Adult Echocardiography, 06/2007None

National Board of Echocardiography

ABIM- Cardiovascular Diseases 10/2007 None

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<b>Expiration</b>
BCLS	AHA	07/1997	None
ACLS	AHA	07/1997	None

#### **AWARDS AND HONORS:**

06/2015 Ron Siegel Cardiology Faculty Teaching Award, Medical College of Wisconsin

- 06/2002 Excellence in Teaching Award, Tufts University
- 04/2010 K Award Grant, Central Society for Clinical Research
- 09/2004 Delta Omega, Public Health Honors Society
- 07/2010 T. Franklin Williams Scholar (Cardiology), Association of Specialty Professors
- 06/1996 Medical Student Geriatric Scholar, American Federation for Aging Research
- 05/1997 Student Research Award, American Geriatrics Society
- 11/2002 Selectee, 3rd Annual Cardiology Fellow's Forum of Excellence
- 06/1999 William Dodd Robinson Award for Excellence in Internal Medicine, University of Michigan Medical School
- 09/2009 Finalist, MCW Research Day Best Abstract/Poster
- 06/2011 Finalist, Faculty Teaching Award, Department of Medicine, Medical College of Wisconsin
- 06/2012 Daniel McCarthy Award for Research Excellence, Medical College of Wisconsin
- 09/2013 Outstanding Faculty Service Award, Medical College of Wisconsin
- 06/1999 M.D. Cum Laude, University of Michigan
- 07/1998 Alpha Omega Alpha, University of Michigan

## MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

10/1998 - Present Alpha Omega Alpha Honors Society (Member)

07/2000 - Present Massachusetts Medical Society (Member)

07/2002 - 12/2012 American College of Cardiology (Member)

09/2004 - Present Delta Omega Honors Society (Member)

06/2005 - 06/2014 American Heart Association (Member)

02/2009 - Present American College of Physicians (Member)

01/2010 - 01/2011 Central Society for Clinical Research (Member)

09/2010 - Present American Physiological Society (Member)

07/2012 - Present American Diabetes Association (Member )

01/2013 - Present American College of Cardiology (Faculty)

07/2014 - Present American Heart Association (Faculty)

## EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Editorial Board

- 2017 Present Vascular Medicine
- 2010 Frontiers in Vascular Physiology
- 2010 American Journal of Physiology- Heart and Circulation

#### Journal Review

- 2007 Present American Journal of Cardiology
- 2014 Present Vascular Medicine
- 2015 Present Arteriosclerosis, Thrombosis, and Vascular Biology
- 2016 Present PLoS One
- 2017 Present JAHA
- 2017 Present Circulation Research
- 2007 Circulation
- 2008 Aging Cell
- 2008 Hypertension
- 2008 Cardiology
- 2010 Circulation: Cardiovascular Imaging
- 2013 Diabetes
- 2011 Clinical Nutrition
- 2012 American Journal of Hypertension
- 2011 Mechanisms of Ageing and Development
- 2011 Clinical Science
- 2010 Cell Biochemistry and Biophysics
- 2010 Journal of Vascular Research
- 2007 American Journal of Cardiology
- 2011 Translational Research
- 2011 Journal of Women's Health
- 2009 Heart
- 2007 American Journal of Physiology- Heart and Circulatory Physiology
- 2008 Journal of the American College of Cardiology

#### NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

- 02/2016 Present Reviewer, Ad Hoc Cardiovascular Integrative Clinical Sciences Study Section, National Institutes of Health
- 06/2016 Present Reviewer, Ad Hoc Cardiovascular Integrative Clinical Sciences Study Section, National Institutes of Health
- 07/2016 Present Chair, Vascular Wall Biology Clinical Study Section, American Heart Association
- 10/2016 Reviewer, Ad Hoc Cardiovascular Integrative Clinical Sciences Study Section, National Institutes of Health
- 02/2017 Reviewer, Ad Hoc Cardiovascular Integrative Clinical Sciences Study Section, National Institutes of Health
- 06/2017 Reviewer, Ad Hoc Cardiovascular Integrative Clinical Sciences Study Section, National Institutes of Health
- 07/2017 Present Standing Member, Cardiovascular Integrative Clinical Sciences Study Section, National Institutes of Health
- 10/2017 Present Vice Chair, Cardiovascular Integrative Clinical Sciences Study Section, National Institutes of Health
- 06/2010 Mail Reviewer, Grant Peer Review Committee, ZRG1 F10A (Fellowships: Physiology and Pathobiology of Cardiovascular and Respiratory Systems), National Institute of Health
- 10/2008 Consultant/Ad Hoc Reviewer, Diabetes U.K.
- 01/2009 Member, Grant Peer Review Committee, American Heart Association
- 06/2009 Reviewer, Grant Peer Review Committees, ZRG1 CVRS-B (58) and PSE-C (58) R, National Institute of Health

# RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

#### Active

#### **Peer Review**

Title: Hoffman RAC Grant

Source: Medical College of Wisconsin Office of

Research

Role: Mentor/Sponsor

Dates: 01/01/2015 - 12/31/2016

Direct Funds: \$25,000

Title: Epigenetic Mechanisms of Salt-Sensitive

Hypertension

Source: American Heart Association

Role: Co-investigator

Dates: 07/01/2015 - 06/30/2019

Direct Funds: \$2,844,000

Title: microRNA-29b and Endothelial

**Function** 

Source: NHLBI (R01HL125409)
Role: Co-Principal Investigator
Dates: 09/04/2015 - 04/30/2019

Direct Funds: \$1,339,846

Title: Evaluation of Endothelial

Hyperglycemia-Driven Alterations

During Type 2 Diabetes

Source: K01DK105043
Role: Mentor/Sponsor

Dates: 09/17/2015 - 07/31/2019 Direct Funds: \$95,175 (Year 1 direct costs )

Title: Endothelial function in human diabetes:

role of mitochondrial fission proteins

Source: NHLBI (R01HL128240)
Role: Principal Investigator
Dates: 04/01/2016 - 03/31/2021

Direct Funds: \$1,931,914

**Pending** 

**Peer Review** 

Title: Overcoming Physical Inactivity in Older

Adults: Impact on Vascular Homeostasis

Source: NIH (RO108888A1)
Role: Principal Investigator

PI: Widlansky

Dates: 07/01/2012 - 06/30/2017

Title: Adverse Effect of Low Glucose on

**Endothelial Function in Humans** 

Source: NIH (RO1112934)
Role: Principal Investigator
PI: Michael E. Widlansky,MD

Prior

**Peer Review** 

Title: The Importance of Mitochondria in the

Endothelial Dysfunction of Type 2

Diabetes

Source: Medical College of Wisconsin's Clinical

Translational Research Institute

Role: Principal Investigator

PI: Self

Dates: 07/01/2008 - 06/30/2011

Direct Funds: \$636,705

Title: The Importance of Mitochondria in the

Endothelial Dysfunction of Type 2

Diabetes

Source: NIH (1K23HL089326)
Role: Principal Investigator

PI: Self

Dates: 07/01/2009 - 06/30/2014

Direct Funds: \$694,575

Title: Effect of a Combined

Pedometer/Computerized Feedback Intervention on Vascular and LV

Function in Older Adults.

Source: American Heart Association Grant-in-

Aid and Association of Specialty Professors (10GRNT3880044)

Role: Principal Investigator

PI: Self

Dates: 07/01/2010 - 06/30/2012

Direct Funds: \$130,000

Title: Hypertension and Vascular Biology

**Training Grant** 

Source: NIH (5T32HL007792)
Role: Participating Faculty
PI: David R Harder, PhD
Dates: 08/01/2010 - 07/31/2014

Direct Funds: \$282,933

Title: Mitochondrial Dysfunction and the

Diabetic Endothelium

Source: NIH (2PO1HL081587)

Role: Subcontract Principal Investigator

PI: Joseph A. Vita, MD Dates: 04/01/2011 - 03/31/2016

Direct Funds: \$200,000

Title: Biomarkers of Inflammation and Vaso-

occlusion in Sickle Cell Disease

Source: NIH (RO1HL111969)

Role: Consultant
PI: Joel Linden, MD

Dates: 01/01/2012 - 12/31/2016

Direct Funds: \$904,227 (Score: 12th percentile)

Title: Effects of the Adenosine 2A Receptor

Agonist Regadenoson on Sickle Cell Vaso-occlusion and Inflammation

Source: Doris Duke Foundation

Role: Co-Investigator

PI: Field and Lindner
Dates: 01/01/2012 - 12/31/2014
Direct Funds: \$486,000

Title: microRNA-mRNA Interaction Networks

in Arterioles in Type 2 Diabetes

Source: Diabetes Complication Consortium

(NIDDK sponsored)

Role: Co-Principal Investigator Dates: 10/01/2012 - 01/31/2014

Direct Funds: \$100,000

Title: 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

Source: Merck

Role: Principal Investigator

PI: self

Dates: 08/15/2013 - 08/14/2015

Direct Funds: \$245,232

Title: Impact of Low Glucose Exposure on

**Endothelial Function in Humans** 

Source: AHA - Midwest Affiliate Pre Doctoral

Award (14PRE18710040)

Role: Sponsor

Dates: 01/01/2014 - 12/13/2015

Direct Funds: \$52,000

Title: The Effects of Physical Activity on

microRNA Expression in Older Adults Humans: Effects on Vascular Aging

Source: CTSI of SE Wisconsin Role: Principal Investigator

PI: Self

Dates: 04/01/2014 - 03/31/2015

Direct Funds: \$50,000

Title: Fragment-Based Drug Discovery for

Asthma, Cancer, and Vascular Disease

Source: CTSI of SE Wisconsin Role: Co-Investigator

Dates: 04/01/2015 - 03/31/2016

Direct Funds: \$50,000

Title: miR-29b and Endothelial Function Source: American Diabetes Association

Role: Principal Investigator
Dates: 01/01/2016 - 03/31/2019

Direct Funds: \$544,404 ((awarded but declined by PI

due to overlap with RO1HL125409))

**Non-Peer Review** 

Title: Excess Aldosterone, Reduced G6PD

Activity, and Endothelial Dysfunction in

African Americans with High Blood

Pressure

Source: Greater Milwaukee Foundation's Elsa

Shoeneich Medical Research Fund

Role: Principal Investigator

PI: Self

Dates: 04/01/2010 - 03/30/2011

Direct Funds: \$50,000

Title: Effect of Aldosterone Receptor

Inhibition on Endothelial Function in African Americans with Hypertension

Source: Greater Milwaukee Foundation's

Raymond and Bernice Eschenburg Fund

Role: Principal Investigator

PI: Self

Dates: 03/01/2011 - 02/28/2012

Direct Funds: \$25,000

#### INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

#### Local

Widlansky, ME, "The Aging Vasculature: Impact of Physical Activity on Cardiovascular Health", Medical College of Wisconsin Department of Endocrinology Grand Rounds, Milwaukee, WI, 03/26/2015

Widlansky, ME, "The Aging Vasculature: Impact of Physical Activity on Cardiovascular Health", Medical College of Wisconsin Department of Geriatrics Grand Rounds, Milwaukee, WI, 04/03/2015

Widlansky, ME, "Mitochondrial Regulation of Vascular Endothelial Function in Diabetes", Medical College of Wisconsin Division of Endocrinology Grand Rounds, Milwaukee, WI, 11/02/2017

Widlansky, ME, "Novel Mechanisms of Vascular Dysfunction in Diabetes", Medical College of Wisconsin Department of Medicine Research Retreat, Milwaukee, WI, 03/09/2018 - 03/08/2018

The role of mitochondrial dysfunction in the endothelial dysfunction of type 2 diabetics, Pulmonary Division Research Day, Medical College of Wisconsin, - 04/21/2009

Mitochondrial Dysfunction and Diabetic Vascular Disease, Nephrology Grand Rounds, Milwaukee, WI, 10/20/2009

Project Stepcount, Division of Geriatrics Research Grand Rounds, Milwaukee, WI, - 03/04/2011

Clincal Research at the Medical College of Wisconsin - Navigating the Waters, Cardiovascular Medicine Grand Rounds, Milwaukee, WI, - 04/19/2012

Importance of Moderate Intensity Physical Activity to Vascular Function in Older Adults, Physicial Medicine & Rehabilitation Seminar Series, Medical College of Wisconsin, - 12/04/2013

Mitochondrial Dysfunction & Diabetic Vascular Disease, Cardiovascular Medicine Grand Rounds, Milwaukee, WI, - 01/24/2013

Glycemic Changes and its Impact on Endothelial and Mitochondrial Function, Internal Medicine Grand Rounds, Medical College of Wisconsin, Milwaukee, WI, - 10/31/2014

Importance of Mitochondrial Function in Diabetic Vascular Disease, Department of Physiology Seminar, Milwaukee, WI, - 02/26/2014

Role of Mitochondrial Homeostasis in the Vascular Endothelial Dysfunction of Type 2 Diabetes, Physiology Departmental Seminar, Medical College of Wisconsin, - 02/26/2009

Clinical Implications of Endothelial Dysfunction, Cardiology Grand Rounds, Medical College of Wisconsin, - 09/04/2007

Intensive Glycemic Control and the Risk of Cardiovascular Events, Endocrinology Grand Rounds, Milwaukee, WI, - 01/20/2011

Elective PCI- If You See It, Should You Stent It?, Cardiovascular Medicine Grand Rounds, Milwaukee, WI, - 12/16/2010

Mitochondrial Dysfunction and Diabetic Vascular Disease, Cardiovascular Medicine Grand Rounds, Milwaukee, WI, - 03/04/2010

Mitochondrial Dysfunction and Diabetic Vascular Disease, Medicine Grand Rounds, Milwaukee, WI, - 12/04/2009

- The role of mitochondrial dysfunction in the endothelial dysfunction of type 2 diabetics, Diabetes Research Day, Milwaukee, WI, 05/28/2009
- Mitochondrial Homeostasis and Vascular Endothelial Dysfunction in Diabetes, Physiology Departmental Seminar, Medical College of Wisconsin, 02/11/2009
- Clinical Implications of Endothelial Dysfunction, Medicine Grand Rounds, Medical College of Wisconsin, 11/16/2007
- Therapies for Advanced Heart Failure, Cardiology Grand Rounds @ Franciscan Wheaton Hospital, Racine, WI. 02/04/2009

#### Regional

- Widlansky ME,, "Update in Cardiovascular Medicine in Older Adults", WI Update in Geriatric Medicine, Lake Geneva, WI, 09/21/2015
- Widlansky ME, "Update in Cardiovascular Medicine in Older Adults", WI Update in Geriatric Medicine, Lake Geneva, WI, 09/21/2017
- Update in Cardiovascular Medicine in Older Adults, WI Update in Geriatric Medicine, Lake Geneva, WI, 09/11/2013

#### **National**

- Widlansky, ME, "ABIM Cardiovascular Board Review", American College of Physicians Board Review Course, Schaumberg, IL, 08/15/2014
- Widlansky, ME, "ABIM Cardiovascular Board Review", American College of Physicians Board Review Course, Schaumberg, IL, 08/15/2015
- Widlansky ME, "Glycemic Changes And Its Impact On Endothelial and Mitochondrial Function", University of Massachusetts Division of Cardiovascular Medicine Grand Rounds,, 08/23/2016
- Widlansky ME, "Glycemic Changes And Its Impact On Endothelial and Mitochondrial Function",
  Department of Medical Pharmacology and Physiology Seminar Series, University of Missouri,
  12/13/2016
- Widlansky ME, "Mitochondrial Regulation of Vascular Endothelial Function in Diabetes", 28th Annual Vascular Biology and Hypertension Symposium, University of Alabama-Birmingham, Birmingham, AL, 05/15/2017
- Mitochondria and Endothelial Function in Humans with Type 2 Diabetes, University of Utah, Salt Lake City, UT, 07/11/2013
- Hypoglycemia Marker or Mechanistic Contributor to Cardiovascular Risk, Central Society for Clinical Research Annual Meeting, Chicago, IL, 04/27/2012
- Mitochondria and Endothelial Function in Humans with Type 2 Diabetes, University of Arizona Division of Geriatrics and Aging, Tucson, AZ, 01/16/2013
- Role of Mitochondria in Vascular Endothelial Dysfunction in Humans with Type 2 Diabetes, American Heart Association 2014 Scientific Sessions, Chicago, IL, 11/19/2014
- ABIM Cardiovascular Board Review, American College of Physicians Board Review Course, Schaumberg, IL, 05/15/2014
- Glycemic Changes and its Impact on Endothelial and Mitochondrial Function, Boston University Cardiovascular Medicine Grand Rounds, Boston, MA, 10/15/2014
- Endothelial Function Testing: Hype or Hope?, American College of Cardiology 2015 Scientific Sessions, San Diego, CA, 03/15/2015
- Hypoglycemia and the Risk of Cardiovascular Events, Louisiana State University School of Medicine, Baton Rouge, LA, 02/25/2011
- Mitochondrial Reactive Oxygen Species in Vascular Signaling, American Heart Association, Orlando, FL, 11/15/2009

# **COMMITTEE SERVICE:**

#### **Medical College of Wisconsin**

- 07/2008 07/2011 Member, Institutional Research Board, Medical College of Wisconsin
- 07/2008 06/30/2011 Member, Student Admissions and Welfare Committee, Graduate Studies Council, Medical College of Wisconsin
- 06/2009 Present Member, Cardiovascular Center Scientific Advisory Committee, Medical College of Wisconsin

- 11/2009 10/31/2013 Chair, Heart and Vascular Divisional Quality Committee, Cardiology Cardiovascular Service Line, Medical College of Wisconsin
- 11/2009 Present Member, Heart and Vascular Executive Leadership Committee, Cardiovascular Service Line, Medical College of Wisconsin
- 2009 Present Member, Biospecimen Resource Committee, Medical College of Wisconsin
- 01/2010 01/2012 Member, MCW Clinical Translational Research Institute Scientific Review Committee, Medical College of Wisconsin
- 01/2010 06/30/2013 Chair, Cardiology Grand Rounds Committee, Division of Cardiovascular Medicine, Medical College of Wisconsin
- 05/2010 05/2013 Member, MCWAH Research Award Committee, Medical College of Wisconsin
- 07/2010 06/30/2011 Chair, Student Admissions and Welfare Committee, Graduate Studies Council, Medical College of Wisconsin
- 07/01/2011 06/2014 Member, Continuing Education Committee (CME), Faculty Council, Medical College of Wisconsin
- 09/01/2011 06/2013 Member, Faculty Research Affairs Committee, Faculty Council, Medical College of Wisconsin
- 12/2011 Present Chair, Human Research Advisory Committee, Medical College of Wisconsin
- 10/2012 Present Member, Faculty Development Committee, Department of Medicine, Medical College of Wisconsin
- 01/2013 Present Member, Finance Committee, Department of Medicine, Medical College of Wisconsin
- 08/2013 11/30/2013 Member, Cardiovascular Research Strategy Work Group, Medical College of Wisconsin
- 03/01/2014 Present Member, Advancing Healthier Wisconsin Cardiovascular Roadmap Advisory Board, Medical College of Wisconsin
- 02/2015 Present Chair, Education Committee, Division of Cardiovascular Medicine, Medical College of Wisconsin
- 11/2016 Present Member, Department of Medicine Research Committee, Medical College of Wisconsin

#### MEDICAL COLLEGE TEACHING ACTIVITIES:

#### **Medical Student Education**

- 05/2008 07/2009 Bedside Professor Rounds with 3rd Year Medical Students
- 09/2009 06/2013 GURU program mentor
- 09/2007 Instructor, Introduction to Clinical Medicine
- 02/2008 Instructor, Clinical Examination and Reasoning
- 10/2013 Lecture & Demonstration, Clinical Implications of Endothelial Dysfunction

## **Resident and Fellow Education**

- 09/2007 11/2007 Instructor, Clinical Research Methods Workshop
- 09/2008 11/2008 Instructor, Clinical Research Methods Workshop
- 04/2009 04/2012 Instructor, Core Skills Program Phase III, IM 301

#### **EXTRAMURAL TEACHING:**

## **Medical Student Education**

- 12/04/2013 Physical Medicine & Rehabiliation @ The Medical College of Wissconsin, Lecture "Importance of Physicial Activity to Vascular Function in Older Adults"

# MCW STUDENTS, FACULTY, RESIDENTS AND CLINICAL/RESEARCH FELLOWS MENTORED: Undergraduate Students

Kalice Allen, Medical College of Wisconsin, 05/30/2013 - 09/2014 Research Memtor

# **Medical Students**

Roy Liu, Medical College of Wisconsin, 01/2008 - 09/2008 Research Mentor Jennifer Mullerkin, Medical College of Wisconsin, 01/2008 - 09/2008 Research Mentor David Baber, Medical College of Wisconsin, 01/2008 - 09/2008 Research Mentor

Elaine Cabugason, Medical College of Wisconsin, 01/2009 - 06/2013 Research Mentor Senthil Rathinavelu, Medical College of Wisconsin, 01/2010 - 01/2012 Research Mentor Kristoph Haak, Medical College of Wisconsin, 01/2011 - 06/2014 Research Mentor Danny Knabel, Medical College of Wisconsin, 01/2012 - Present Research Mentor Kara Signorelli, Medical College of Wisconsin, 06/2015 - Present Research Mentor / Pathway Advisor Khalid Ramahi, Medical College of Wisconsin, 06/2016 - Present Research Mentor / Pathway Advisor Alex Ritchay, Medical College of Wisconsin, 06/2016 - Present Research Mentor / Pathway Advisor

#### **Graduate Students**

#### PhD Students Advised

Anna Alexanian, Medical College of Wisconsin, 03/2009 - 06/2009 Scott Burgenhagen, Medical College of Wisconsin, 01/2012 - Present Michael Tanner, Medical College of Wisconsin, 07/2012 - Present PhD Committees

Jessica Priestly, Medical College of Wisconsin, 06/2011 - Present

#### Clinical/Research Fellows

Jennifer Strande, Medical College of Wisconsin, 01/2008 - 06/30/2011 Research Advisor Tinoy Kizhakekuttu, Medical College of Wisconsin, 07/2008 - 06/30/2012 Research Mentor Tracy Huhyn, Medical College of Wisconsin, 02/2009 - 06/30/2010 Research Mentor Aimee Welsh, Medical College of Wisconsin, 09/2009 - 06/30/2012 Research Mentor Sara Hariman, Medical College of Wisconsin, 09/2009 - 06/30/2012 Research Mentor Rodney Mayhorn, Medical College of Wisconsin, 01/01/2010 - 06/30/2013 Research Mentor Kodipet Dharma-Shankar, Medical College of Wisconsin, 06/2010 - 05/30/2014 Research Mentor Nunzio Gaglionello, Medical College of Wisconsin, 11/2010 - 06/30/2013 Research Mentor Tisha Suboc, Medical College of Wisconsin, 07/2012 - Present Research Mentor Mobin Malik, Medical College of Wisconsin, 07/2013 - Present Research Mentor Kyle Buchanan, Medical College of Wisconsin, 02/2014 - Present Research Mentor Timo Dygert, Medical College of Wisconsin, 02/2014 - Present Research Mentor

#### **Residents**

Peter Phan, Medical College of Wisconsin, 09/2012 - Present Research Mentor Benjamin Ravee, Medical College of Wisconsin, 11/2012 - Present Research Mentor Sudhi Tyagi, Medical College of Wisconsin, 07/2014 - Present Research Mentor Ridhima Kapoor, Medical College of Wisconsin, 09/2014 - Present Research Mentor

## **Faculty**

Brian Hoffmann, Medical College of Wisconsin, 01/12/2012 - Present Tammy Kindel, Medical College of Wisconsin, 07/01/2016 - Present Mentorship Committee

# $\begin{tabular}{ll} \textbf{EXTRAMURAL STUDENTS}, \textbf{FACULTY}, \textbf{RESIDENTS}, \textbf{AND CLINICAL/RESEARCH FELLOWS} \\ \textbf{MENTORED:} \end{tabular}$

# **Undergraduate Students**

Nick Kluge, 05/2013 - 09/2014 Research Mentor Lantrell Stewart, 06/2017 - 08/2017 Research Mentor

# **Medical Students**

Shawn Call, Virginia Mason Univ, 09/2011 - 06/2013 Research Mentor Anthony Prisco, Cleveland Clinic, 06/2013 - Present Research Mentor / Pathway Advisor

#### Clinical/Research Fellows

Armaan Shaikh, St Lukes, 09/2011 - 06/30/2013 Research Mentor Appesh Mohandas, Cardiology Fellowship, Emory University, T32 awardee, 02/2014 - Present Research Mentor

#### **BIBLIOGRAPHY**

#### Refereed Journal Publications/Original Papers

- 1. WIDLANSKY ME, Price DT, Gokce N, Eberhardt RT, Duffy SJ, Holbrook M, Maxwell C, Palmisano J, Keaney JF Jr, Morrow JD, Vita JA. Acute and chronic COX-2 inhibition reverses endothelial dysfunction in patients with hypertension. Hypertension 2003 Sept;42(3):310-5.
- 2. WIDLANSKY ME, Biegelsen ES, Hamburg NM, Duffy SJ, Keaney JF, Jr., Vita JA. Coronary endothelial dysfunction is not rapidly reversible with ascorbic acid treatment. Free Radic Biol Med 2004 36(1): 124-31.
- 3. WIDLANSKY M, Sesso HD, Rexrode KM, Manson JE, Gaziano JM. Body mass index and total and cardiovascular mortality in men with a history of cardiovascular disease. Arch Int Med 2004;164: 2326-2332.
- 4. WIDLANSKY ME, Duffy SJ, Hamburg, NM, Gokce, N, Warden BA, Wiseman S, Keaney JF, Jr., Frei B, Joseph A. Vita JA. Effects of black tea consumption on plasma catechins, markers oxidative stress and inflammation in patients with coronary artery disease. Free Radic Biol Med 2005; 38:499-506.
- 5. WIDLANSKY ME, Hamburg NM, Anter E, Holbrook M, Kahn DF, Elliott JG, Keaney JF, Jr, Vita JA. Acute EGCG supplementation reverses endothelial dysfunction in patients with coronary artery disease J Am Coll Nutr 2007; 26(2):95-102.
- 6. McMackin CJ, WIDLANSKY ME, Hamburg NM, Huang AL, Weller S, Holbrook M, Gokce N, Hagen TM, Keaney JF, Jr., Vita JA. Effect of combined treatment with alpha lipoic acid and acetyl-L-carnitine on vascular function and blood pressure in coronary artery disease patients. J Clin Hypertens 2007;9(4):249-255.
- 7. WIDLANSKY ME, Vita JA, Keyes MJ, Larson MG, Hamburg NM, Levy D, Mitchell GF, Osypiuk EW, Vasan RS, Benjamin EJ. Relation of Season and Temperature to Endothelium-Dependent Flow-Mediated Vasodilation in Subjects Without Clinical Evidence of Cardiovascular Disease (From The Framingham Heart Study). Am J Cardiol 2007;100(3):518-23.
- 8. Hamburg NM, McMackin CJ, Huang AL, Shenouda SM, WIDLANSKY ME, Schulz E, Gokce N, Ruderman NB, Keaney JF Jr, Vita JA. Physical Inactivity Rapidly Induces Insulin Resistance and Microvascular Dysfunction in Healthy Volunteers. Arterioscler Thromb Vasc Biol. 2007 Oct 11.
- 9. Hamburg, NM, Larson MG, Vita JA, Vasan RS, Keyes MJ, WIDLANSKY ME, Fox CS, Mitchell GF, Levy D, Meigs JB, Benjamin EJ. Metabolic Syndrome, Insulin Resistance and Brachial Artery Vasodilator Function in Framingham Offspring Participants without Clinical Evidence of Cardiovascular Disease). Am J Cardiol. 2008 Jan 1;101(1):82-88.
- Strande JL. WIDLANSKY ME, Su J, Hsu A, Wang J, Routhu KV, Baker JE. Parstatin: a cryptic peptide involved in cardioprotection after ischemia and reperfusion injury. Cardiovasc Res. 2009, Jul;83(2):325-34.
- 11. WIDLANSKY ME, Wang J, Shenouda SM, Hagen TM, Amith AR, Kizhakekuttu TJ, Kluge MA, Weihrauch D, Gutterman DD, Vita JA. Altered mitochondrial membrane potential, mass, and morphology in the mononuclear cells of humans with type 2 diabetes. Trans Res. 2010 Jul;156(1):15-25.
- 12. Kizhakekuttu TJ\*, Gutterman DD, Phillips SA, Jurva JW, Arthur EIL, Das E, and WIDLANSKY, ME. Measuring FMD in the Brachial Artery: How important is QRS-gating?. J Appl Physiol. 2010 109(4):959-65. \*-1st author is a trainee. Paper was selected for editorial comment citing this paper's importance to the field in J Appl Physiol.
- 13. Baber G,\* Zidan H,\* WIDLANSKY ME, Hoffmann R, and Alemzadeh R. Impaired Endothelial Function in Preadolescent Children with Type 1 Diabetes. Diabetes Care 2011. Mar;34(3):681-5. PMID: 21289230 \*-1st 2 authors are trainees. Paper extensively edited by Dr. Widlansky
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