Christopher Michael Chambers MD, PhD, FACS

910 Pinecrest Ave Grand Rapids, MI 49506 (616) 206-8765 chambers.christopher@comcast.net

EXPERIENCE

| 2008-Present | Vascular Surgeon – Corewell Health Medical Group Section of Vascular and Endovascular Surgery |
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| 2008-Present | Clinical Assistant Professor of Surgery - Michigan State University College of Human Medicine |
| 2015-2020 | Spectrum Health Vice President - Research Affairs |
| 2010-2016 | Section Chief - Spectrum Health Medical Group Section of Vascular and Endovascular Surgery |
| 2010-2016 | Assistant Program Director - Spectrum Health/Michigan State University Vascular Surgery Fellowship and Vascular Surgery Residency Program |

BOARD CERTIFICATIONS

Vascular Surgery - American Board of Surgery (Certificate #102039) General Surgery - American Board of Surgery (Certificate #053348)

EDUCATION

| POSTGRADUATE TRAINING | |
|-----------------------|---|
| 1990-1994 | B.S Biology, Georgia Southern University, Statesboro, GA |
| 1994-1998 | Ph.D Biochemistry and Molecular Biology, University of South Florida College of Medicine, Tampa, FL |
| 1998-2002 | M.D University of South Florida College of Medicine, Tampa, FL |

| 2007-2008 | Fellowship - Washington University in St. Louis School of Medicine, Department of Vascular and Endovascular Surgery, St. Louis, MO |
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| 2002-2007 | Residency - Washington University in St. Louis School of Medicine, Department of General Surgery, St. Louis, MO |

CONTINUING EDUCTATION – Physician Leadership

| 2018 | Spectrum Health Physician Leadership Academy |
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| 2017 | MIT Executive Program: Transforming Your Leadership Strategy |
| 2017 | Institute for Healing Racism – Grand Rapids Chamber of Commerce |
| 2013 | Spectrum Health University-Prepare Program |

BOARD AND COMMITTEE SERVICE

| 2019-2020 | Michigan State University - Spectrum Health Alliance Corporation Board of Directors - Treasurer |
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| 2019 | Spectrum Health Gala Fundraising Committee |
| 2019-2020 | American Heart Association West Michigan Board of Directors |
| 2017-2020 | Calvin University – Spectrum Health West Michigan Research Laboratory Board of Directors - Chair |
| 2018-2020 | Spectrum Health Institutional Official for Federalwide Assurance (FWA) to the Office for Human Research Protections (OHRP). |
| 2016-2020 | Spectrum Health Research Risk Committee |
| 2016-2017 | Michigan State University Grand Rapids Research Center Steering Committee |
| 2016-2020 | Child Health Advances from Research with Mothers (CHARM) Advisory Group |
| 2016-2020 | Spectrum Health Digestive Disease Institute Committee |
| 2016-2020 | Spectrum Health Innovations Committee |
| 2014-2020 | Fredrik Meijer Heart and Vascular Institute Research Vetting Committee |
| 2013-2020 | Chair - Spectrum Health Medical Group Finance Committee |
| 2013-2015 | Spectrum Health Research Risk Assessment Committee |
| 2012-2016 | Spectrum Health Institutional Review Board |
| 2011-2015 | Spectrum Health Physician Research Advisory Council |
| 2012 | Spectrum Health Gala Fundraising Committee |

| 2010-2015 | Co-Chair - Fredrik Meijer Heart and Vascular Institute Research Committee |
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| 2010 | Spectrum Health Medical Group Surgical Chief Search Committee |
| 2008-2012 | Spectrum Health Biomedical Ethics Committee |
| 2008-2010 | Spectrum Health Patient Safety Committee |
| 2003-2006 | Curriculum Committee, General Surgery Training Program, Washington University School of Medicine |
| 1999-2002 | Surgical Club, Medical Student Director, University of South Florida College of Medicine |
| 1992-1993 | Georgia Southern University Student Athletic Board - Vice President |

GRANT AWARDS/RESEARCH PROJECTS

| 2017-2020 | NIH Sponsored All of Us Research Program – Site Co-Investigator |
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| 2012 | Fredrik Meijer Heart and Vascular Institute Pilot Grant Award "Pilot Study to Profile Circulating Cytokines Associated with Peripheral Arterial Disease-Related Limb Ischemia in Human Smokers and Non-Smokers" \$20,000 |
| 2011-2016 | Bolton Treovance AAA BENEFIT stent graft study-site Principle Investigator |
| 2011-2020 | Biomet MarrowStim study-site Principle Investigator |
| 2011 | Fredrik Meijer Heart and Vascular Institute Pilot Grant Award "Evaluation of a mouse model for limb ischemia" \$20,000 |
| 2011 | A Phase I Clinical Study of Safety and Performance of the Treovance Stent-Graft with Navitel Delivery System for Patients with Infrarenal Abdominal Aortic Aneurysms |

PUBLICATIONS

Lu, J., Cuff, R., Chambers, C.M. Open endoaneurysmorrhaphy of 9cm ruptured popliteal aneurysm 7 years after initial repair. Annals of Vasc Surg. 2021 Mar;221(3):509-514.

Beaulieu, P, Mansour MA, Chambers CM, Yassa E, Cuff R, Slaikeu J, Bordoli S. Perioperative use of clopidogrel during carotid endarterectomy does not increase rate of reoperation for hematoma. J.AMCollege of Surgeons 2017.07.509

Korepta LM, Watson JJ, Mansour MA, Chambers CM, Cuff RF, Slaikeu JD, Wong PY. Outcomes of a single-center experience with classification and treatment of endothermal heat-induced thrombosis after

endovenous ablation. J Vasc Surg Venous Lymphat Disord. 2017 May;5(3):332-338. doi: 10.1016/j.jvsv.2016.12.010.

Andersen, N.J., Boguslawski, E.B., Naidu, A., Brombereg-White, J, Chambers, C.M., and Duesbery, N.S. Anthrax toxin receptor 1 is essential for Arteriogenesis in a Mouse Model of Hindlimb Ischemia. PLoS One. 2016 Jan 19;11(1):e0146586. doi: 10.1371/journal.pone.0146586. eCollection 2016

Korepta, L., Cuff, R., Mansour, A., Chambers, C., Wong, P., Outcomes for forearm and upper-arm arteriovenous fistula creation with transposition technique from a single institution. J Vasc Surg. 2016 Mar;63(3):764-71. doi: 10.1016/j.jvs.2015.09.049. Epub 2016 Jan 9

Andersen, N.J., Boguslawski, E.B., Kuk, C.Y., Chambers, C.M., and Duesbery, N.S. Combined inhibition of MEK and mTOR has a synergic effect on angiosarcoma tumorgrafts. Int J Oncol. 2015 Jul;47(1):71-80. doi: 10.3892/ijo.2015.2989. Epub 2015 May 6

Chambers CM, Wolk SW, Mansour MA, Cuff RF, Slaikeu JD, Wong PY, Mix AM. Vascular practice develops night float call system to improve attending well-being without decreasing productivity. Bull Am Coll Surg. 2014 May;99(5):30-5

Cuff, R, Banegas, S, Mansour, A, Chambers, CM, Wong, PY, Slaikeu, J. Endovascular repair of bilateral common iliac artery aneurysms following open abdominal aortic aneurysm repair with preservation of both hypogastric arteries using commercially available stent grafts. J Vasc Surg. 2014 Feb;59(2):516-9. doi: 10.1016/j.jvs.2013.03.005. Epub 2013 May 1.

Liao TH, Watson JJ, Mansour AM, Cuff RF, Banegas SL, Chambers CM, Slaikeu JD, Wong PY. Preliminary results of Zenith Fenestrated abdominal aortic aneurysm endovascular grafts. Am J Surg 2013; 207; 417-421.

Kirk JS, Mansour MA, Cuff RC, Banegas SL, Ambrosi GM, Liao TH, Chambers CM, Wong PY, Heiser JC. Endovascular Repair of Traumatic Aortic Tears. Am J Surg 2012; 203:401-404

Brian J. Wheatley, BJ, Jill M. Gorsuch, JM, M. Ashraf Mansour, MA, Katherine A. Sage, KA, Chambers, CM, Cuff RF, Wong PY, Cali RF. Vascular procedures in nonagenarians and centenarians are safe. Am J Surg. March 2011. 201:3, 301-04.

Wheatley BJ, Mansour MA, Grossman PM, Munir K, Cali RF, Gorsuch JM, Cuff RF, Wong PY, Chambers CM. Complication rates are higher with antegrade approach for peripheral vascular interventions. Arch Surg. April 2011. 146:4, 432-36.

Chambers CM, Sanchez LA. How to avoid short and long term complications of EVAR. Vascular Disease Management. Vascular Disease Management. 2006 July: 3(4)

Chambers CM, Curci JA. Treatment of nonaortic aneurysms in the endograft era: aneurysms of the innominate and subclavian arteries. Semin Vasc Surg. 2005 Dec;18(4):184-90

D'Alessio MJ, Rakita S, Bloomston M, Chambers CM, Zervos EE, Goldin SB, Poklepovic J, Boyce HW, Rosemurgy AS. Esophagography predicts favorable outcomes after laparoscopic Nissen fundoplication for patients with esophageal dysmotility. J Am Coll Surg. 2005 Sep;201(3):335-42.

Ness GC, Chambers CM. Feedback and hormonal regulation of hepatic 3-hydroxy-3-methylglutaryl coenzyme A reductase: the concept of cholesterol buffering capacity. Proc Soc Exp Biol Med. 2000 May; 224(1):8-19.

Ness GC, Lopez D, Chambers CM, Zhihong Z, Beach DL, Ko SS, and Trzaskos JM. Effects of 15-oxa-32-vinyl-lanost-8-ene-3 beta, 32 diol on the expression of 3-hydroxy-3-methylglutaryl coenzyme A reductase and low density lipoprotein receptor in rat liver. Arch Biochem Biophys. 1998 Sep 15; 357(2):259-64.

Ness GC, Lopez D, Chambers CM, Newsome WP, Cornelius P, Long CA, and Harwood HJ Jr. Effects of L-triiodothyronine and the thyromimetic L-94901 on serum lipoprotein levels and hepatic low-density lipoprotein receptor, 3-hydroxy-3-methylglutaryl coenzyme A reductase, and apo A-I gene expression. Biochem Pharmacol. 1998 Jul 1; 56(1):121-9.

Chambers CM, Ness GC. Dietary cholesterol regulates hepatic 3-hydroxy-3-methylglutaryl coenzyme A reductase gene expression in rats primarily at the level of translation. Arch Biochem Biophys. 1998 Jun 15; 354(2):317-22.

Lopez D, Chambers CM, Keller RK, Ness GC. Compensatory responses to inhibition of hepatic squalene synthase. Arch Biochem Biophys. 1998 Mar 15; 351(2):159-66.

Ness GC, Chambers CM, Lopez D. Atorvastatin action involves diminished recovery of hepatic HMG-CoA reductase activity. J Lipid Res. 1998 Jan; 39(1):75-84.

Lopez D, Chambers CM, Ness GC. 3-hydroxy-3-methylglutaryl coenzyme A reductase inhibitors unmask cryptic regulatory mechanisms. Arch Biochem Biophys. 1997 Jul 1; 343(1):118-22.

Chambers CM, Ness GC. Translational regulation of hepatic HMG-CoA reductase by dietary cholesterol. Biochem Biophys Res Commun. 1997 Mar 17; 232(2):278-81.

Chambers CM, McLean MP, Ness GC. Smith-Lemli-Opitz syndrome produced in rats with AY 9944 treated by intravenous injection of lipoprotein cholesterol. Am J Med Genet. 1997 Jan 31; 68(3):322-7.

Keller RK, Zhihong Z, Chambers CM, Ness GC. Farnesol is not the nonsterol regulator mediating degradation of HMG-CoA reductase in rat liver. Arch Biochem Biophys. 1996 April 15; 328(2): 324-330.

Ness GC, Chambers CM. The diurnal variation of hepatic HMG-CoA reductase activity is due to changes in the level of immunoreactive protein. Arch Biochem Biophys. 1996 Mar 1; 327(1):41-4.

Chambers CM, Dotson EM, Oliver JH Jr. Ecdysteroid titers during postembryonic development of Dermanyssus gallinae (Acari: Dermanyssidae). J Med Entomol. 1996 Jan; 33(1):11-4.

BOOK CHAPTERS

Watson, J., Chambers, C.M. Carotid Angioplasty and Stenting. Atlas of Vascular and Endovascular Surgery. Mansour, Ashraf., Mitchell, Erica, Shames, Murray, JP Medical Pub, 2015

Chambers, CM, Sicard, GA. The impact of EVAR on the training of surgeons in open surgery in the EVAR era. 26-33. Vascular and Endovascular Consensus Update. Greenhalgh, RM 2008 Charing Cross Conference.

Chambers, CM, Sicard, GA. Cerebrovascular disease and vascular access. The Washington Manual of Surgery. Klingensmith, ME, Chen, LE, Glascow, SC, Goers, TA, Melby, SJ. Fifth Edition, 2008.

Chambers, CM, Sicard, GA. How to train surgeons in open procedures in the era of endovascular surgery. Vascular Surgery in the Endovascular Era. Pearce, WH, Matsumura, JS, Yao, JST. 2007 Northwestern Symposium.

ABSTRACTS/PRESENTATIONS

Perioperative Use of Clopidogrel During Carotid Endarterectomy Does Not Increase Rate of Reoperation for Hematoma. Beaulieu P, Mansour A, Chambers, C, Yassa E, Cuff R, Slaikeu J, Bordoli S, Wong P. October 2017. American College of Surgeons Clinical Congress, San Diego, CA.

Ruptured Infrarenal Abdominal Aortic Aneurysm in a Pediatric Patient with Marfan Syndrome. Lu J, Bordoli S, Chambers C, Collins S, Cuff R, Mansour MA, Simmons J, Slaikeu J, Watson J, Yassa E, Wong P. 2017 GRMEP Research Day Oral Presentation.

Perioperative Use of Clopidogrel During Carotid Endarterectomy Does Not Increase Rate of Reoperation for Hematoma. Beaulieu P, Mansour A, Chambers, C, Yassa E, Cuff R, Slaikeu J, Bordoli S, Wong P. 2017 GRMEP Research Day Oral Presentation.

Perioperative Use of Clopidogrel During Carotid Endarterectomy Does Not Increase Rate of Reoperation for Hematoma. Beaulieu P, Mansour A, Chambers, C, Yassa E, Cuff R, Slaikeu J, Bordoli S, Wong P. May 2017. Michigan Chapter American College of Surgeons.

American College of Surgeons Clinical Congress, Washington, DC

Korepta LM, Mansour MA, Matar G, Ziazadeh D, Simmons J, Bordoli S, Cuff RF, Slaikeu JD, Chambers CM, Wong PY, Yassa EA

Podium presentation: "Management of recurrent stenosis after carotid artery stenting." October 16-20, 2016.

TEVAR for Symptomatic & Ruptured Aneurysms & Penetrating Ulcers. Beaulieu P, Mansour MA, Chambers C, Yassa E, Cuff RF, Slaikeu J, Bordoli S, and Wong, P. GRMEP Research Day, 1st Place Vascular Surgery Study, 4/27/16

Thoracic Endovascular Aortic Repair for Symptomatic and Ruptured Aneurysms and Penetrating Ulcers. Beaulieu P, Mansour A, Chambers C, Yassa E, Cuff R, Slaikeu J, Bordoli S, and Wong P. Vascular Surgery 1st Place, 2016 GRMEP Research Day Presentation.

Liao TH, Watson JJ, Mansour MA, Cuff RF, Banegas SL, Chambers CM, Slaikeu JD. Preliminary Results of Zenith Fenestrated AAA Endovascular Grafts. Grand Rapids Medical Education Partners, Grand Rapids, Michigan. April 23, 2014

Kosovec MC, Mansour MA, Chambers CM, Cuff RF, Slaikeu JD, Wong PY. Treatment of Introgenic Injury during Placement of Central Venous Line. Grand Rapids Medical Education Partners, Grand Rapids, Michigan. April 23, 2014

Watson JJ, Vlahu T, Cuff RF, Mansour MA, Chambers CM, Slaikeu JD, Wong PY, Banegas SL. Ten Years of Experience with Surgical Treatment of Carotid Body Tumors at a Tertiary Referral Center. Grand Rapids Medical Education Partners, Grand Rapids, Michigan. April 23, 2014 (Poster)

Korepta LM, Mansour MA, Cuff RF, Slaikeu JD, Chambers CM, Wong PY. Futile Care: Systems Breakdown and failure to Rescue are Responsible for Higher Surgical Mortality Rate. Grand Rapids Medical Education Partners, Grand Rapids, Michigan. April 23, 2014

Kosovec MC, Mansour MA, Chambers CM, Cuff RF, Slaikeu JD, Wong PY. Celiac Dissection: a Mysterious Disease. Grand Rapids Medical Education Partners, Grand Rapids, Michigan. April 23, 2014

Korepta LM, Mansour MA, Liao TH, Cuff RF, Slaikeu JD, Chambers CM. The aberrant subclavian: Dysphagia Lusoria and then some. Midwestern Vascular Surgical Society. Coralville, Iowa. September 5, 2014. (Poster)

Korepta LM, Mansour MA, Chambers CM, Cuff RC. Systematic Review of Hospital Mortality: Can we bend the curve? Society for Clinical Vascular Surgery. Miami, Florida. March 29-April 2, 2015

Korepta LM, Watson JJ, Elder E, Bordoli S, Chambers CM, Cuff RF, Mansour MA, Slaikeu JD, Yassa E, Wong PY. Arteriovenous Fistula Creation with Transposition Technique: a review of outcomes. Grand Rapids Medical Education Partners Research Day. Grand Rapids, Michigan. April 23, 2015

Korepta LM, Mansour MA, Chambers CM, Cuff RF. The use of Hospital Quality Data to Improve Surgical Outcomes. Michigan Chapter of the American College of Surgeons. 62nd Annual Meeting & 64th Annual Resident Surgeons Competition. Amway Grand Plaza, Grand Rapids, Michigan. May 13-15, 2015

Korepta LM, Mansour MA, Wolk SW, Chambers CM. Failure to Rescue, Futile Care and System Breakdown are Responsible for Increased Mortality. Midwest Surgical Association. Traverse City, Michigan. July 30, 2013 (Poster)

Korepta LM, Mansour MA, Cuff RF, Chambers CM. Ruptured Aortic Aneurysms after a previous Endovascular Repair: an update. Michigan Chapter, American College of Surgeons. Kalamazoo, Michigan. May 17, 2013

Banegas SL, Slaikeu JD, Mansour MA, Chambers CM, Kosovec M. Splenic Artery Aneurysms: a Case Report and Review of the Literature. Grand Rapids Medical Education Partners Research Day. Grand Rapids, Michigan. April 25, 2013 (Poster)

Watson JJ, Cuff RF, Slaikeu JD, Wong PY, Mansour MA, Chambers CM, Banegas SL. Short Term Outcomes of Hypogastric Preservation during Endovascular Repair Using Comercially Available Stent

Grafts. Grand Rapids Medical Education Partners Research Day. Grand Rapids, Michigan. April 25, 2013 (Poster)

Korepta LM, Mansour MA, Cuff RF, Slaikeu JD, Chambers CM. Endovascular Repair of Ruptured Aneurysms after Previous Endovascular Abdominal Aortic Repair. Grand Rapids Medical Education Partners Research Day. Grand Rapids, Michigan. April 25, 2013 (Poster)

Korepta LM, Mansour MA, Cuff RF, Chambers CM. Management of Ruptured Aortic Aneurysms after a previous Endovascular Repair. International Society for Vascular Surgery Annual Meeting. Miami, Florida. February 14-16, 2013 (Poster)

Banegas SL, Cuff RF, Mansour MA, Chambers CM, Wong PY, Slaikeu JD, Cali RF. Endovascular Repair of Biateral Iliac Aneurysms with Hypogastric Preservation: a case report. Midwestern Vascular Surgical Society, 36th Annual Meeting. Milwaukee, Wisconsin. September 6-8, 2012

Chambers CM, Cuff RF, Slaikeu JD, Cali RF, Wong PY, Mansour MA. Vascular Attending Night Float Call System Improves Quality of Life without Decreasing Productivity. Midwestern Vascular Surgical Society, 36th Annual Meeting. Milwaukee, Wisconsin. September 6-8, 2012

Korepta L, Mansour MA, Cuff RF, Slaikeu JD, Chambers CM. Aneurysm Rupture after EVAR. Midwestern Vascular Surgical Society, 36th Annual Meeting. Milwaukee, Wisconsin. September 6-8, 2012. (Poster)

Holton LE, Cali SR, Kirk JS, Cuff RF, Mansour MA, Chambers CM. Median Arcuate Ligament Syndrome Treated with Ligament Release and Selective Revascularization. Midwestern Vascular Surgical Society, 36th Annual Meeting. Milwaukee, Wisconsin. September 6-8, 2012. (Poster)

Kosovec M, Kirk JS, Wong PY, Chambers CM, Mansour MA. Small Town Hero: experience with Hemodialysis Reliable Outflow (HeRO) Vascular Access Device. Midwest Surgical Association Annual Meeting. Mackinac Island, Michigan. August 5-8, 2012

Kosovec M, Banegas SL, Chambers CM, Slaikeu JD, Cuff RC, Mansour MA. Carotid Stenting and Endarterectomy: Cost Analysis. American College of Surgeons, Michigan Chapter, Annual Meeting. Traverse City, Michigan. May 18, 2012

Kirk JS, Chambers CM, Mansour MA, Wong PY. Small Town HeRO: our experience with the Hemodialysis Reliable Outflow (HeRO) Vascular Access Device. Grand Rapids Medical Education Partners Research Day. Grand Rapids, Michigan. April 25, 2012 (Poster)

Kosovec M, Whetaley BJ, Mansour MA, Cuff RC, Chambers CM. Carotid Stenting and Endarterectomy: a cost analysis. Grand Rapids Medical Education Partners Research Day. Grand Rapids, Michigan. April 25, 2012 (Poster)

McClure A, Mansour MA, Korepta L, Banegas S, Cuff RC, Chambers CM. Aortic Arch Anatomy in Patients with Carotid and Aortic Disease. Grand Rapids Medical Education Partners Research Day. Grand Rapids, Michigan. April 25, 2012 (Poster)

Moretensen DS, Mansour MA, Cuff RC, Chambers CM, Slaikeu JD. Recurrent Stenosis Trends Following Carotid Endarterectomy: Eversion versus Conventional Operative Technique. Grand Rapids Medical Education Partners Research Day. Grand Rapids, Michigan. April 25, 2012

Kosovec M, Mansour MA, Chambers CM, Cuff RC, Slaikeu JD, Wong PY. Iatrogenic Subclavian Artery Injury. Grand Rapids Medical Education Partners Research Day. Grand Rapids, Michigan. April 25, 2012

Banegas SL, Kosovec M, Mansour MA, Chambers CM, Slaikeu JD, Cuff RC, Wong PY. Thoracic Endografts for Penetrating Aortic Ulcers. Grand Rapids Medical Education Partners Research Day. Grand Rapids, Michigan. April 25, 2012

Liao TH, Mansour MA, Kirk JS, Cuff RC, Banegas SL, Ambrosi GM, Chambers CM, Wong PY, Heiser JC. Endovascular Repair of Traumatic Aortic Tears. Grand Rapids Medical Education Partners Research Day. Grand Rapids, Michigan. April 25, 2012

Mansour MA, McClure A, Korepta L, Banegas SL, Cuff RF, Chambers CM. Aortic Arch Anatomy in patients with Carotid and Aortic Disease. Society for Clinical Vascular Surgery Annual Meeting. Las Vegas, Nevada. March 16, 2012

Mansour MA, Mortenson DS, Cuff RF, Slaikeu JD, Chambers CM. Recurrent stenosis is more common with eversion endarterectomy. Society for Clinical Vascular Surgery Annual Meeting. Las Vegas, Nevada. March 16, 2012

Kosovec M, Banegas SL, Mansour MA, Chambers CM, Cuff RF, Wong PY. Management of Penetrating Thoracic Aortic Ulcers and Hematomas. International Society for Vascular Surgery Meeting. Miami, Florida. March 9-11, 2012 (Oral Poster)

Kosovec M, Wheatley BJ, Mansour MA, Cuff RF, Chambers CM. Cost analysis of Carotid Endarterectomy versus Carotid Stenting. International Society for Vascular Surgery Meeting. Miami, Florida. March 9-11, 2012 (Oral Poster)

Boguslawski, E, Merrifield, B., Chang, A., Chambers, CM, and Duesbery, NS. Use of high resolution Doppler imaging for non-invasive, quantitative evaluation of hypoxia-driven neovascularization following surgical ligation of the femoral artery. American Association of Cancer Research, 2012.

Kirk JS, Chambers CM, Mansour MA, Cuff RF. Does Implementing a Preoperative Checklist Improve Surgical Outcomes? Presented at Michigan Chapter American College of Surgeons, May 2011

Kirk JS, Chambers CM, Mansour MA, Gorsuch JM, Cuff RF, Chambers CM, Cali RF. Wound Infection after Lower Extremity Bypass: A Vexing Problem. Poster presented at Midwestern Vascular 2010, September 2010

Kirk JS, Chambers CM, Mansour MA, Cuff RF, Banegas SL, Ambrosi GM, Wong PY, Heiser JC. Endovascular Repair of Traumatic Thoracic Aortic Tears. Presented at Western Surgical Association Meeting. November 2011

DeCamp BS, Chambers CM, Mansour MA, Cuff RF, Cali RF, Wong PY, Gorsuch JM. Cost Analysis of Carotid Artery Stenting. Presented at Society for Clinical Vascular Surgery Annual Meeting. March 2009

DeCamp BS, Chambers CM, Mansour MA, Cuff RF, Cali RF, Gorsuch JM, Wong PY. RFA of Incompetent Perforator Veins for Management of Lower Extremity Venous Insufficiency: Mixed Results. Presented at American Venous Forum Annual Meeting. February 2009

DeCamp BS, Chambers CM, Mansour MA, Cuff RF, Cali RF, Gorsuch JM, Wong PY. Management of Spontaneous Carotid Dissection. Presented at Midwest Vascular Surgery Society Annual Meeting. October 2008

Chambers CM, Sanchez LA, Rubin BG, Geraghty PJ, Moon MR, Sicard GA. Prograde and retrograde stenting of aortic arch branches during or after thoracic endografting: useful techniques in the thoracic endovascular era. Midwestern Vascular Surgical Society, September 2006.

Chambers CM, Sanchez LA, Rubin BG, Geraghty PJ, Sicard GA. Material Fatigue As a Cause of Infrarenal Aneurysm Rupture: A Word of Caution About the AneuRx Device. Midwestern Vascular Surgical Society, September 2006.

Chambers CM, Bloomston MP, Fraiji EK, and Rosemurgy AS. University of South Florida College of Medicine Department of Surgery Grand Rounds. Manometric esophageal dysmotility and/or low amplitude contractions need not contraindicate laparoscopic nissen fundoplication: the role of UGI. 2001.

Chambers CM. University of South Florida College of Medicine Department of Biochemistry and Molecular Biology Dissertation Defense. Regulation of rat liver 3-hydroxy-3-methylglutaryl coenzyme A reductase. 1998.

Chambers CM. and Ness GC. Translational regulation of hepatic HMG-CoA reductase by dietary cholesterol. Health Sciences Center Faculty-Student Research Day, University of South Florida. 1998.

Chambers CM, Wiggins LA, and Ness GC. Rapid changes in hepatic HMG-CoA reductase activity are due to changes in the level of immunoreactive protein. American Society of Biochemistry and Molecular Biology, New Orleans, Louisiana. 1996.

Chambers CM, Wiggins LA, and Ness GC. Rapid changes in hepatic HMG-CoA reductase activity are due to changes in the level of immunoreactive protein. Suncoast Biomolecular Sciences Conference, University of South Florida. 1996.

Chambers CM, Keller RK, Zhao Z, and Ness GC. Nonsterol mediated degradation of HMG-CoA reductase in rat liver. Health Sciences Center Faculty-Student Research Day, University of South Florida. 1995.

Chambers CM, Dotson EM, and Oliver, JH. Ecdysteroid titers during post-embryonic development of the chicken mite. Georgia Entomological Society Meeting. 1993.

INVITED PRESENTATIONS

Unlimited Business Potential in Healthcare Innovation, Grand Rapids Area Chamber of Commerce Medical Innovation Summit, Grand Rapids, Michigan October 2017

CEA-vs-CAS: Where Do We Stand? Michigan State Medical Society Annual Meeting, Troy, Michigan October 2015

Research and the Spectrum Health Frederik Meijer Heart and Vascular Institute. Winter Cardiovascular Update. Boyne, Michigan February 2014.

Biomet Biologics Advisory Panel: A Vascular Necrosis of the Femoral Head. Chicago, Illinois May 2014.

Peripheral Vascular Disease. Spectrum Health Fredrik Meijer Heart and Vascular Institute Cardiovascular Update. October 2013.

Vascular Surgeons as Co-Surgeons. Midwest Vascular Surgery Society. September 2013

Research and the Spectrum Health Frederik Meijer Heart and Vascular Institute. Winter Cardiovascular Update. Boyne, Michigan February 2013.

Renovascular Hypertension. Michigan State Medical Society Annual Meeting. Troy, Michigan. October 2011.

Peripheral Vascular Disease. Michigan State University College of Human Medicine Research Symposium. April 2011.

Renal Artery Stenosis. Fredrik Meijer Heart and Vascular Institute Annual Update. Shanty Creek, Michigan. January 2011.

PROFFESIONAL MEMBERSHIPS

2013-present Fellow of the American College of Surgeons

2011-present Society of Vascular Surgery

2011-present Midwestern Vascular Surgery Society

2008-present Michigan Vascular Surgery Society

HONORS/AWARDS

| 1999 | Most Outstanding Dissertation, University of South Florida Graduate Council and Office of Graduate Studies |
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| 1998 | Research Excellence Scholarship Award, University of South Florida College of Medicine |
| 1998 | Superior Presentation Award, USF Health Sciences Center Faculty-Student Research Day |
| 1997 | Outstanding Graduate Student of the Year Scholarship Award, University of South Florida College of Medicine |
| 1996 | Outstanding Student Presentation Award, Suncoast Biomolecular Sciences Conference |
| 1995 | Superior Presentation Award, USF Health Sciences Center Faculty-Student Research Day |
| 1993 | Who's Who Among Students in American Universities and Colleges |
| 1993 | Georgia Southern University Soccer Student Athlete of the Year |
| 1992 | Golden Key National Honor Society |
| 1990-1992 | Dean's List, Georgia Southern University. |