Robert I. Hacker, MD, FACS, FSVS, RVT, RPVI

EDUCATION

University of Pittsburgh: Pittsburgh, PA • 7/2012 – 6/2014
 Fellow in Vascular Surgery

North Shore - Long Island Jewish Health System: Manhasset, NY • 7/2007 - 6/2012

 Chief Surgical Resident • 7/2011 - 6/2012
 Hofstra University Medical School Clinical Instructor • 7/2011 - 6/2012
 General Surgical Resident • 7/2007 - 6/2011
 Resident Chair of the Medical Ethics Committee for the Department of Surgery • 7/2007 - 6/2011
 North Shore - 705 beds, Level I Trauma Center
 Long Island Jewish - 695 beds, Level I Pediatric Trauma Center

 Drexel University Medical School: Philadelphia, PA • 7/2005 - 6/2007 Medical Doctorate

 St. George's University Medical School: Grenada • 7/2002 - 6/2005 Medical Doctorate Honors: Iota Epsilon Alpha Honor Society

• University of California, Irvine: Irvine, CA • 9/1998 - 6/2002 B.S. in Biology Honors: Biological Research

MEDICAL WORK EXPERIENCE

 St. Louis Vascular Surgical Specialists; Lake St. Louis, MO • 4/23 – Current D/B/A: St. Louis Vascular Surgery Specialists D/B/A: St. Louis Limb Preservation Center Founding Member, CEO, Board of Directors, Owner

 Surgical Arts of St. Louis; St. Louis, MO • 5/19 – 7/23 Primary Vascular Surgeon for the program for first 2 years Started SSM DePaul's Limb Preservation Program

• Mercy Health System; Toledo OH • 3/17 - 5/19

Medical Director of Vascular Surgical Services – St. Vincent Hospital
Medical Director – Vascular Ultrasound Lab
Section Chief for Vascular Surgery – St. Charles's Hospital • 1/18 – Current
Chief Academic Officer for Vascular Surgery – St. Vincent Hospital • 1/18 – Current
Member: CarePath Surgical Clinical Informatics Committee • 7/17 – Current
Participant: Surgical Governance Committee
Participant: IP/LOS Committee
Member: Critical Care Committee – St. Charles Hospital 1/2018 – Current
Founding Member of the Comprehensive Limb Salvage Center
CO-P.I.: UCLA Very Low Frequency Database Consortium – Aortic Infections
CO-PI: CREST-2 Trial

- Metro Health Medical Center; Cleveland, OH 5/2016 6/17 Director of Endovascular Surgery • 5/16 – 7/17 Assistant Professor Case Western Reserve University • 5/16 – 7/17 Site P.I.: Best-CLI NIH sponsored clinical trial CO P.I.: STOP-PAD clinical trial CO P.I.: VLFDC – Aortic Infections
- Weatherby Healthcare 5/2015 5/2016
 Level 1 Trauma Center Metro Health Medical Center (95% of assignments)
 Community Hospital Coverage 5% of assignments
 Complex Open and Endovascular Surgery

AWARDS

• Ephraim-McDowell Health Care System; Danville, KY • 7/2014 - 5/2015 Chief, Division of Vascular and Endovascular Surgery • 7/14 - 5/2015 Member Trauma Committee • 12/14 - 5/2015 Member Critical Care Committee • 8/14 - 5/2015

- Patient's Choice Award Vitals.com 2018
- Compassionate Doctor Recognition Vitals.com 2018
- On-Time Doctor Award Vitals.com 2018
- America's Top Surgeon 2017 Guide to America's Top Surgeons
- Certificate of Appreciation "For Providing Excellent Patient Care" Ephraim-McDowell Hosital 2015
- 100% Patient Satisfaction; 3 months in a row- Division of Vascular Surgery Ephraim-McDowell Hosital 2014
 SCVS 2013 "Top Gun" Finalist
- North Shore Long Island Jewish 2nd Annual Research Day First Place for "Vascular Research", 2011
- City of Newport Beach "10 Years of Service" award 2007
- St. George's University Dean's Honor List, 2002-Spring 2005
- St. George's University Chancellor's Honor List, Winter 2002
- Member of St. George's University Iota Epsilon Alpha Honor Medical Society, 2002
- Undergraduate Research Opportunities Program Grant Recipient, Symposium Presenter, 2001
- University of California, Irvine School of Biological Sciences Honors in Research, 2001
- Recipient of the Robert Ernst Prize for Excellence in Biology 2001
- University of California, Irvine Undergraduate Reasearch Opportunities Program Fellow, 1999 2000

PUBLICATIONS

- Janko, M., Hubbard, Hacker, R. I et. al (2021). Contemporary Outcomes After Partial Resection Of Infected Aortic Grafts. Annals of vascular surgery, S0890-5096(21)00485-4. 2021 Aug. 23https://doi.org/10.1016/j.avsg.2021.07.002
- Janko, Matthew Robert Hacker et al. In Situ Bypass and Extra-anatomic Bypass Procedures Result in Similar Survival in Patients With Secondary Aortoenteric Fistula Journal of Vascular Surgery, Volume 69, Issue 3, e25
 - Alschuler, J, Jank, M, Hacker R: A mini-review of contemporary diagnosis and management of central venous occlusion: Journal of Surgery and Rehabilitation. 2018 June 22. V2(3):2-2 Doi 10.15761/SRJ.1000141
- Health Living News, 2018 <u>http://www.hlntoledo.com/health-and-beauty/405-2018/february/2028-mercy-health</u>
 <u>heart-and-vascular-institute</u>
- Hacker, R; Marone, L; Long Term Results of Endovascular Femoralpopliteal Interventions; Journal of Angiology. Issue 03 · Volume 27 · September 2018DOI: 10.1055/s-008-41119
- Hacker R. Item writer for the Aneurysms Quiz. The SCORE Portal. http://www.surgicalcore.org/curriculum Schedule.aspx?currID=1. Published 3/11/2018
 - Janko, M, Ciocca, R, Hacker, R; Vertebral Osteophytes as Possible Etiology of Aorto-Enteric Fistula. Annals of Vascular Surgery; nn Vasc Surg. 2018 Feb 5. pii: S0890-5096(18)30088-8. doi: 10.1016/j.avsg. 2017.11.036.
 - Janko, M, Hacker, R; Laser Recanalization of Central Venous Occlusion to Salvage A-V fistula. Annals of Vascular Surgery; Ann Vasc Surg. 2018 Feb 15. pii: S0890-5096(18)30097-9. doi: 10.1016/j.avsg. 2017.11.043.
- Rebecca A. Campbell, BA, Matthew Janko, MD, and Robert Hacker, MD, FACS, Hand-arm vibration syndrome: A rarely seen diagnosis. Journal of Vascular Surgery Cases and Innovative Techniques; V.3, Issue 2 June 2017 pp. 60-62
- Hacker, RI, Dillavou, E, and Hager, ES. "Open and Endoluminal Treatments for Peripheral Venous Disease." In PanVascular Medicine, Second Edition, p. 4399-4423. January 1, 2015
- Hacker, R; Avgerinos, E.; Chaer, R; Hager, E: Illiofemoral Thrombolysis without IVC Interruption. In: Eskandari MK, Pearce WH, Yao Jst (eds). Current Vascular Surgery Chapter 17. People's Medical Publishing House 2013, Connecticut, USA
- John B. Chang, Robert W. Chang, Thomas Panetta, Richard Schutzer, Mark Kissin, Robert Hacker, and Ankur Chawla Endovascular Interventions 2013 Chapter 77: Hemodialysis access
- Robert Hacker, MD; Toufic Safa MD; The Viabahn Stent's Real World Efficacy to Treat Superficial Femoral Artery Disease: A Solo Practitioner's Single Institutional Experience.
- Hacker R I, Ritter G, Knobel D, Marini CP, Barrera R, Subcutaneous Heparin does not increase post-operative complications in neurosurgical patients: An institutional experience. J Crit Care. 2012 Jun;27(3):250-4. doi: 10.1016/j.jcrc.2011.09.005. Epub 2012 Jan 4
- Robert Hacker, MD, Lorena De Marco Garcia, Ankur Chawla, Thomas F. Panetta; *Fibrin Sheath Angioplasty: A Technique to Prevent Superior Vena Cava Stenosis Secondary to Dialysis Catheters*. Int J Angiol 2012; 21(03): 129-134
- Robert Hacker, MD; Lorena P. De Marco Garcia, MD; Mark Kissin, MD; Richard Schutzer, MD; David Siegel, MD; John B. Chang, MD; *Non-Resective Repair for Abdominal Aortic Aneurysms*. Annuals of Vascular Surgery, Volume 25, Issue 4, May 2011 P. 558.e1- 558.e4 PMID: 21549933

- Robert Hacker, MD, Lillian Harvey-Banchik, MD; Prospective Randomized Control Trial of Intermittent Versus Continuous Gastric Feeds for Critically III Trauma Patients Nutr Clin Pract, October 2008; vol. 23, 5: pp. 564-565.
- Hacker R; The Evolutionary Differences Between Two Protease Inhibitors, WIP and MPI in Zea diploperennis and Zeaperennis. Journal of Undergraduate Research in the Biological Sciences. 2001 July; 31:106
- Tiffin P, Hacker R and Gaut B; Population Genetic Evidence for Rapid Changes in Intraspecific Diversity and Allelic Cycling of a Specialist Defense Gene in Zea; Genetics. 2004 September; 168:425-434 PMID:15454554

ORAL PRESENTATIONS

- Society for Clinical Vascular Surgery 50th Annual Symposium Panel Moderator Private practice and its impact on Vascular Surgery
- Society of Vascular Surgery Vascular Annual Meeting 2021 Janko, Matthew Robert Hacker et al. Complete Resection of Aortic Graft
 Infection San Diego, CA 8/2021
- Society for Clinical Vascular Surgery 47th Annual Symposium Janko, Matthew Robert Hacker et al. In Situ Bypass and Extra anatomic Bypass Procedures Result in Similar Survival in Patients with Secondary Aortoenteric Fistula
- International College of Angiology 60th World Summit Early and Mid-Term Outcomes of Primary Carotid Endarterectomy Tokyo, Japan - 8/2018
- Stroke and Neuroemergency Symposium Carotid Endarterectomy: Updates on Revascularization: Robert Hacker, MD, FACS Toledo, OH 6/2018
- Society for Clinical Vascular Surgery 46th Annual Symposium Total Endovascular Repair of a PDA, TAA and AAA in an 86year-old male: A Case Report. Michael Bishop, DO; Robert Hacker MD, FACS – 3/2018
- North West Osteopathic Association Spring Primary Care Update; Vascular Surgical Tests and Pitfalls of the Lower Extremity -Toledo, OH 3/2018
- 18th Annual NWOAPM Scientific Seminar Vascular surgery: How I do it, Sandusky, OH 1/2018
- 18th Annual NWOAPM Scientific Seminar Vascular Surgery and the Team approach, Sandusky, OH 1/2018 •

Grand Rounds - Vascular Surgery Below the Belt: Mercy St. Vincent Hospital; Toledo, OH - 1/2018

- North West Osteopathic Association 12th Annual meeting; Open and Endovascular Approaches in Vascular Surgery in 2017: A surgeon's perspective - Sandusky, OH 11/2017
- Grand Rounds Vascular surgery and its Position in 2017: Blanchard Valley Hospital, Finley, OH 11/2017 •
- Grand Rounds Approaches in Vascular Surgery in 2017: Mercy Tiffin Hospital; Tiffin, OH 10/2017
- Grand Rounds Vascular surgery and its position in 2017: Henry County Hospital, Napoleon, OH 10/2017
- International College of Angiology 59th World Summit Long Term Results of Endovascular Femoral populiteal Interventions Vienna, Austria - 9/2017
- Cardiology Fellowship Lecture Rounds Claudication and PVD; Dx and Management: Mercy St. Vincent Hospital; Toledo, OH -8/2017
- Grand Rounds A Surgical Update and Approaches to Vascular Surgery in 2017: Mercy St. Vincent Hospital; Toledo, OH 8/2017
- Grand Rounds Open and Endovascular Approaches in Vascular Surgery: Mercy St. Charles Hospital, Oregon, OH 8/2017 •

Medicine Grand Rounds - Endovascular Approaches to Vascular Surgery in 2016, MetroHealth 9/2016

- Society for Clinical Vascular Surgery 42th Annual Symposium Long term Surveillance for EVAR Patients with Ultrasound is Safe and Effective 3/2014
- Society for Clinical Vascular Surgery 42th Annual Symposium Long term Outcomes of Endovascular Interventions for Femoropopliteal Disease 3/2014
- International College of Angiology's 28th Angiology Workshop- Carotid Endarterectomy Vs. Stenting A Plea for Reason. Roslyn, NY 5/2012
- Endovascular Summit; Non-Resective Repair of Abdominal Aortic Aneurysms San Juan, Puerto Rico12/2011
- Endovascular Summit; Homemade Aortouni Device San Juan, Puerto Rico12/2011
- International College of Angiology's 26th Angiology Workshop- A Single Surgeon's 35-Year Experience with Carotid Endarterectomy. Roslyn, NY 11/2011

- EPS international Modern Medical Forum. Non-Resective Repair for Abdominal Aortic Aneurysm. Tekirdag, Turkey 9/2011
- 53rd Annual World Congress- International College of Angiology. *A Single Surgeon's 35-Year Experience with Carotid Endarterectomy*. Bali, Indonesia 9/2011
- Society for Clinical Vascular Surgery 38th Annual Symposium *Fibrin Sheath Angioplasty: A New Technique to Prevent Superior Vena Cava Stenosis Secondary to Dialysis Catheters*, 11/2010
- International College Of Angiology's 19th Annual Workshop Non-Resective Repair of Abdominal Aortic Aneurysms, 6/2009
- Undergraduate Research Opportunities Program Symposium The Evolutionary Differences Between Two Protease Inhibitors, WIP and MPI in Zea diploperennis and Zeaperennis, 2001

ABSTRACT AND POSTER PRESENTATIONS

- Society for Clinical Vascular Surgery 46th Annual Symposium Early Carotid Revascularization in Bilateral Carotid Occlusions in the Setting of Major Head and Neck Reconstruction with a Recent Stroke: A Case Report. Wanda Lam, MD; Robert Hacker, MD, FACS - 3/2018
- Society for Clinical Vascular Surgery 46th Annual Symposium Initial experience with routine primary closure after carotid endarterectomy. Sadeep Bose, MD; Robert Hacker, MD, FACS - 3/2018
- Society for Clinical Vascular Surgery 45th Annual Symposium Excimer Laser Recanalization of a Central Venous Occlusion to Salvage A Threatened Arteriovenous Fistula: A Case Report Janko, Mathew. MD; Hajirri, Mohamed. MD; Hacker, Robert. MD, FACS – 3/2017
- Eastern Vascular Society 30th Annual Meeting *Hand/arm Vibration Syndrome; A Rarely Observed Diagnosis.* Rebecca Campbell, Robert I. Hacker, MD 9/2016
- Eastern Vascular Society 30th Annual Meeting Vertebral Osteophyte as Possible Etiology of Aorto-Enteric Fistula: A Case Report. Matthew R. Janko, MD; Rocco G. Ciocca, MD; Robert I. Hacker, MD 9/2016
- Society for Clinical Vascular Surgery 41th Annual Symposium ViaStrong? A Comparison of Bare Metal Stents to the Viabahn Covered Stent. Robert Hacker, MD; Rajeev Dayal, MD, FACS; Toufic Safa, MD, FACS. 3/2013
- Society for Clinical Vascular Surgery 41th Annual Symposium Does TASC II Classification Predict Postoperative Complications When Using a Viabahn Stent? Robert Hacker, MD; Rajeev Dayal, MD; Toufic Safa, MD, FACS. 3/2013
- Eastern Vascular Society 26th Annual Meeting Salvaging a Difficult EVAR with A Homemade Aorto-uni Device. Robert Hacker, MD; K. Krishnasastry, MD, FACS 9/2012
- Society for Clinical Vascular Surgery 40th Annual Symposium Carotid Endarterectomy: A Practitioner's 35-Year Experience. Robert Hacker, MD; John Chang, MD, FACS. 3/2012
- Society for Clinical Vascular Surgery 40th Annual Symposium Use of the Viabahn Stent to Treat Clinically Significant Superficial Femoral Artery Occlusive Disease: A Single Practitioner's Experience Robert Hacker, MD; Toufic Safa, MD, FACS. 3/2012
- Robert Hacker, MD; Rajeev Dayal, MD; Toufic Safa, MD; ViaStrong? A comparison of bare metal stents to the Viabahn covered stent. 2011
 - American College of Chest Physicians; Hawaii 2011 Emergency Surgery as a risk factor for Outcome in Comparison to Elective Surgery in Critical Care Patients A Khader, R Hacker, G Deustch, D Knobel, G Ritter, C Marini, R Barrera
- American College of Chest Physicians; Hawaii 2011 Surgical Geriatric Patient Outcomes in Critical Care Patients: Age as an Independent Factor A Khader, G Deustch, D Knobel, G Ritter, C Marini, **R Hacker**, R Barrera
- Society for Clinical Vascular Surgery 38th Annual Symposium Non-Resective Repair for Abdominal Aortic Aneurysm Robert Hacker, MD, Lorena P. De Marco Garcia, MD, David Siegel, MD, John B. Chang, MD, FACS. 2010
- Society for Clinical Vascular Surgery 38th Annual Symposium Inferior Vena Cava Surgery: Factors Associated With Poor Outcome Lorena P. De Marco Garcia, MD, Julio Calderin, MD, Xin Li, MD, Sotero Peralta, MD, Robert Hacker, MD, Kambhampaty Krishnasastry, MD, FACS. 2010
- LP De Marco Garcia, J Calderin, X Li, S Peralta, R Hacker, K Krishnasastry. Inferior Vena Cava Surgery: Factors Associated With Poor Outcome. Presented at the Society for Clinical Vascular Surgery, 38th Annual Symposium on Vascular Surgery Scottsdale, Arizona, April 2010

- R Hacker, LP De Marco Garcia, D Siegel, JB Chang. Non-Resective Repair for Abdominal Aortic Aneurysm. Presented at the Society for Clinical Vascular Surgery, 38th Annual Symposium on Vascular Surgery Scottsdale, Arizona, April 2010
- R Hacker, LP De Marco Garcia, T Tzeremas, K Krishnasastry, T Panetta. Fibrin Sheath Angioplasty: A New Technique to Prevent Superior Vena Cava Stenosis Secondary to Dialysis Catheters. Presented at the Society for Clinical Vascular Surgery, 38th Annual Symposium on Vascular Surgery Scottsdale, Arizona, April 2010

VOLUNTEER EXPERIENCE

• Now I Lay Me Down to Sleep Photography - 5/19 - 1/21

• Clinical Paper Reviewer, Journal of Occupational Medicine and Toxicology - 5/2018 - Current •

- American College of Surgeons 2017 Clinical Congress Resident Mentor
- · Clinical Paper Reviewer, Journal of Vascular Surgery 3/2017 Current
- Society for Clinical Vascular Surgery 45th Annual Symposium 3/2017
 - Scientific Session Moderator
 - Top Gun Moderator and Judge
 - Karmody Poster Session Judge
- Question Writer SCORE Vascular Surgical Curriculum 1/2017
- Metrohealth Clinical Trial Committee (CTC) 8/2016 Current
- Member of the SVS Great Lakes Vascular Surgery Group (GLVSG) 2016 Current
- ARDMS PVI Standards Committee 2016
- · Exam question writer for the ARDMS RPVI exam 2015 Current
- Hemodialysis International Manuscript Reviewer, 2014 2016
- Fellow Member of the APDVS Core Curriculum Committee
 Elected member of the APDVS committee, 2013
- Frick Park Wood Reclamation Project: Founding member 1/13 6/14
- Pittsburgh Urban Tree Renewal: 2012 2014
- Drexel University School of Medicine "Physician and Patient" Student Liaison and facilitator, 2006
- Drexel University School of Medicine "Mini Medical School" Student leader, Curriculum presenter, 2006
- Bear Mountain Children's Snowboard Instructor: 2000-2002

Alpha Epsilon Pi University of California, Irvine Chapter

Director of the Greek Systems yearly Philanthropy, Songfest, 2002 Academic chair, 2000 - 2002

Head of the Judicial Board, 2001 - 2002

 Opinion Writer "The New U" University of California, Irvine Regular Colum writer form 1999 - 2002

NON-MEDICAL WORK EXPERIENCE

- Gross Anatomy Teaching Assistant: St. George's University, Grenada 4 hours/week, 1/2003 - 8/2003
- Emergency Room Technician: Hoag Hospital Newport Beach, CA 40 Hours/week, 6/2001 6/2002
- Pool Lifeguard: University of California, Irvine 15 hours/week. 3/2000 - 6/2001
- Ocean Lifeguard/First Aid Supervisor: Newport Beach, CA 24-40 hours/week, 4/1997 - 3/2010

LABORATORY RESEARCH EXPERIENCE

for small bowel in mice.

• Student Researcher, Dr. Edward Wong, University of California, Irvine School of Medicine Nerve Growth in animal model's 10 hours/week, 9/2001- 6/2002

• Student Researcher, Dr Oswald Steward, University of California, Irvine Gene Expression research 30 hours/week, 4/2000 - 9/2000

 Student Researcher, Dr. Brandon Gaut's Laboratory, University of California, Irvine Molecular Biology and Evolution research 15-25 hours/week, 8/98 - 5/2001

MEMBERSHIPS

• Iota Epsilon Alpha Honor society

- Life member Alpha Epsilon Pi Fraternity
- Wood Whisperer: Wood Working Guild
- American Model Association
- American College of Surgeons (ACS)
- Society of Vascular Surgeons (SVS)
- Society for Clinical Vascular Surgery (SCVS)
- Eastern Vascular Society member (EVS)

CERTIFICATIONS

• American Board of Surgery - General Surgery Board Certified: #059316 06/May/2014 – 31/Dec/2024 • American Board of Surgery - Vascular Surgery Board Certified: #102593 18/May/2015 – 31/Dec/2025 • Fellow of the American College of Surgeons - # 03169292 inducted 10/2016

- Diplomat of the American Board of Surgery
- National Provider Identifier Number (NPI): 1295985554
- DEA: FH4330205 Exp. 10/31/23
- Basic Life support (BLS)
- Advanced Care Life Support Certified (ACLS)
- Advanced Trauma Life Support Certified (ATLS)(exp.)
- American College of Surgeons "Ultrasound for Surgeons" certified
- Registered Physician in Vascular Interpretation (RPVI)
- Registered Vascular Technician (RVT)

STATE BOARD CERTIFICATIONS

- Arizona State Medical License: 51702 Expired
- California State Medical License: 136561 Expired
- Kentucky State Medical License: 46827 Expired
- Missouri State Medical License: 2019008677 Current
- New York State Medical License: 252045 Expired
- Ohio State Medical License: 31.126367 Expired
- Pennsylvania State Training License: MT200920 Expired
- Pennsylvania State Medical License: MD444137 Expired
- Texas State restricted training license: BP10030542 Expired