

# CURRICULUM VITAE

**G Matthew Longo, MD**

**CAMPUS ADDRESS:** Department of Surgery-General Surgery  
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## EDUCATION

1988 - 1992 BA, Bachelor of Arts, College of the Holy Cross  
1992 - 1996 MD, Medicine, University of Nebraska Medical Center

## POST DEGREE TRAINING

1991 - 1991 Research, University of Iowa  
1993 - 1993 Research, University of Nebraska Medical Center  
1996 - 2003 Residency, General Surgery, University of Nebraska Medical Center  
1998 - 2000 Research, University of Nebraska Medical Center  
2003 - 2005 Fellowship, Vascular Surgery, Feinberg School of Medicine, Chicago IL

## CERTIFICATIONS AND LICENSES

2005 - 2025 Diplomate, American Board of Surgery 50291  
2006 - 2026 Diplomate, American Board of Vascular Surgery 101591  
2003 - 2017 State of Illinois License, Illinois, 36110294  
2005 - 2016 State of Nebraska License, Nebraska, 23374  
2011 - 2017 DEA BL9275531

## GRANTS AND CONTRACT SUPPORT

### ACTIVE

Title: □ GREAT □ Global Registry for Endovascular Aortic Treatment Outcomes Evaluation  
ID Number: GRT-10-11  
Funding Agency: W. L. Gore & Associates, Inc.  
Project Period: 2015 - 2025  
Total Dollars: \$117,008  
Direct Cost: \$93,018  
Role: Principal Investigator

Title: Randomized, Multicenter, Controlled Trial to Compare Best Endovascular versus Best Surgical Therapy in Patients with Critical Limb Ischemia (BEST-CLI)  
ID Number:  
Funding Agency: New England Research Institutes. Inc.  
Project Period: 2014 - 2019  
Total Dollars: \$91,411  
Direct Cost: \$49,138  
Role: Principal Investigator

Title: Clinical Study to Evaluate the Safety and Effectiveness of the Zenith◆ Branch Endovascular Graft-Iliac Bifurcation with the Zenith◆ Connection Endovascular Covered Stent (PRESERVE Study)  
ID Number: 05-626  
Funding Agency: Cook, Inc.  
Project Period: 2014 - 2019  
Total Dollars: \$27,562  
Direct Cost: \$21,875  
Role: Principal Investigator

Title: Evaluation of the GORE Conformable TAG Thoracic Endoprosthesis for Treatment of Traumatic Transection of the Descending Thoracic Aorta  
ID Number: TAG 08-02  
Funding Agency: W. L. Gore & Associates, Inc.  
Project Period: 2011 - 2017  
Total Dollars: \$48,685  
Direct Cost: \$38,639  
Role: Principal Investigator

### **COMPLETED**

Title: Vaccine Efficacy of Biofilm-Specific Antigens of Staphylococcus Ediperimidis  
ID Number: S. epidermidis strain 1457  
Funding Agency: Sanofi Pasteur Biologics Co.  
Project Period: 2010 - 2012  
Total Dollars: \$408,872  
Direct Cost: \$324,501  
Role: Co Investigator (Fey)

Title: Determination of Effectiveness of the SilverHawk Peripheral Plaque Excision System (SilverHawk Device) for the Treatment of Infrainguinal Vessels/Lower Extremities  
ID Number: P-4046  
Funding Agency: ev3 Endovascular, Inc.  
Project Period: 2009 - 2012  
Total Dollars: \$48,945  
Direct Cost: \$38,845  
Role: Principal Investigator

Title: Carotid Stenting for High Surgical-Risk Patients; Evaluating Outcomes Through the Collection of Clinical Evidence (CHOICE)

ID Number:

Funding Agency: Abbott Vascular Inc.

Project Period: 2010 - 2012

Total Dollars: \$8,226

Direct Cost: \$6,528

Role: Principal Investigator

Title: A Post-Approval Study of the Guidant Carotid Stent Systems and Embolic Protection Systems/ Carotid RX ACCULINK/ACCUNET Post-Approval Trial to Uncover Unanticipated and Rare Events - CAPTURE 2

ID Number:

Funding Agency: Guidant Endovascular Solutions, Inc.

Project Period: 2006 - 2010

Total Dollars: \$16,300

Direct Cost: \$12,936

Role: Principal Investigator

Title: A Two-Part, Multicenter, Randomized, Double-blind, Placebo-Controlled Study to Evaluate the Effect of Simvastatin, Losartan and Piaglitazone on Cardiovascular Disease Biomarkers in Lower Extremity Atherosclerotic Plaque Excised from Patients with

ID Number:

Funding Agency: Fox Hollow Technologies, Inc.

Project Period: 2006 - 2008

Total Dollars: \$8,190

Direct Cost: \$6,500

Role: Principal Investigator

## **NON-SPONSORED / OUTSIDE GRANTS INFORMATION**

Title: National Institute of Health and Cardiovascular Research Postdoctoral Fellowship Award

Funding Agency: National Institute Service Award

Institution:

Project Period: 1998 - 2000

Total Dollars: \$0

Direct Cost: \$25,000

Role: Principal Investigator

## **OTHER APPOINTMENTS AND POSITIONS**

2005 - Present Attending Surgeon, Vascular Surgery, Nebraska/Western Iowa VA Medical Center, Omaha, NE,

2005 - 2011 Assistant Professor of Surgery, Department of Surgery, University of Nebraska Medical Center, Omaha, NE,

2005 - 2014 Clinical Instructor, Vascular Surgery, Creighton University, Omaha, NE,

2011 - Present Chief of Vascular Surgery, Department of Surgery, University of Nebraska Medical Center, Omaha, NE,  
2014 - Present Program Director, Vascular Surgery Fellowship, University of Nebraska Medical Center, Omaha, NE,

## **CONSULTING POSITIONS**

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2015 - Present Committee Member, National Board of Medical Examiners

## **EDITORIAL**

2007 - 2014 Distinguished Reviewer, Journal of Vascular Surgery  
2011 - Present Ad Hoc Reviewer, BioMed Central Medical Research Methodology  
2015 - Present Editorial Board, Journal of Vascular Surgery

## **HONORS AND AWARDS**

2013 Leadership Development for Physicians in Academic Health Cen, Harvard School of Public Health, Boston, MA

## **REGIONAL**

2002 Resident Research Award, American College of Surgeons, Nebraska Chapter, Omaha, NE  
2006 Allastair Karmody Poster Award-carotid surgery category, Society for Clinical Vascular Surgery, Las Vegas, NV  
2007 1st Place in Residents Competition, American College of Surgeons, Nebraska Chapter, Omaha, NE  
2009 1st Place Award Poster Competition, 33rd Annual Midwestern Vascular Surgical Society Conference, Chicago, IL

## **MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES**

2003 - Present Member, Society of Vascular Surgery (SVS)  
2003 - Present Member, Alpha Omega Alpha Medical Honor Society  
2005 - Present Member, International Society of Endovascular Specialists  
2005 - Present Member, American College of Surgeons, Nebraska Chapter (NEACS)  
2008 - Present Member, American College of Surgeons (ACS)  
2010 - Present Member, Midwestern Vascular Surgical Society (MVSS)

## **COMMITTEE ASSIGNMENTS**

### **UNMC**

2006 - 2006 Member, Promotion and Tenure Committee, Department of Surgery, University of Nebraska Medical Center  
2010 - Present Member, Credentialing Committee, University of Nebraska Medical Center

### **UNIVERSITY-WIDE**

2006 - Present Member, Carotid Stent Review Committee, The Nebraska Medical Center

2007 - 2010	Member, Vascular Quality Committee, The Nebraska Medical Center
2011 - Present	Member, Cardiovascular Executive Committee, The Nebraska Medical Center
2011 - Present	Member, Cardiovascular Leadership Committee, The Nebraska Medical Center
2011 - Present	Member, Surgical Services Executive Committee, The Nebraska Medical Center

## PRESENTATIONS

1. Longo GM; Johanning JM; Murayama K. Laparoscopic Repair of Abdominal Aortic Aneurysms. Nebraska Chapter of the American College of Surgeons; 1999 May 3. Omaha, Nebraska
2. Longo GM. Calcium Chloride Induced Aneurysms in Mice. 85th Clinical Congress of the American College of Surgeons, Surgical Forum; 1999 October 10-15. San Francisco, California
3. Longo GM. Inhibition of Abdominal Aortic Aneurysm Formation in Matrix Metalloproteinase-9 Deficient Mice. Nebraska Chapter of the American College of Surgeons; 2000 April 20. Omaha, Nebraska
4. Longo GM. Aneurysm Induction in Mice Deficient in Metalloproteinase 9 or 12. 55th Annual Meeting of the Society for Vascular Surgery; 2001 June 10-11. Baltimore, Maryland
5. Longo GM. Doxycycline in Patients with AAA and in Mice: A Comparison of Circulating Levels and Effect on Aneurysm Growth in Mice. 25th Annual Meeting of the Midwestern Vascular Surgical Society; 2001 September 21-22. Chicago, Illinois
6. Longo GM. Aneurysm Inhibition in Matrix Metalloproteinase-9 and -12 Knockout Mice. Nebraska Chapter of the American College of Surgeons; 2002 May 4. Nebraska City, Nebraska
7. Longo GM. Does Carotid Artery Stenting Measure Up to Endarterectomy?. Residents/Fellows Symposium, Research Initiatives in Vascular Disease Conference; 2004 April 4. Bethesda, Maryland
8. Black C; Ringley CD; McBride CL; Sorensen VJ; Thompson JS; Longo GM; Pipinos II; Johanning JM. Inferior vena cava filter placement for pulmonary embolus risk reduction in the super morbidly obese undergoing bariatric surgery. American Society of Bariatric Surgery; 2006 June
9. Arya S; Garg N; Longo GM; Johanning JM; Lynch GT; Pipinos II. Endovascular treatment of carotid artery stenosis compared with carotid endarterectomy: evidence from current prospective randomized and non-randomized controlled trials. Rochester Vascular 2007: What's New in Vascular Medicine, Surgery, and Interventional Care; 2007 May 4-6. Rochester, New York
10. Celis R; Pipinos II; Huisinga J; Longo GM; Lynch T; Stergiou N; Johanning JM. Gait abnormalities are present prior to the onset of claudication in both young and old claudicants. 62nd Annual Sessions of the Forum on Fundamental Surgical Problems, The American College of Surgeons 93rd Annual Clinical Congress; 2007 October 7-11. New Orleans, LA
11. Arya S; Garg N; Longo GM; Johanning JM; Lynch GT; Pipinos II. Endovascular treatment of carotid artery stenosis compared with carotid endarterectomy: evidence from current prospective randomized and non-randomized controlled trials. Nebraska American College of Surgeons; 2007 Nov 15. Omaha, NE
12. Celis R; Huisinga J; Pipinos II; Longo GM; Lynch T; Stergiou N; Johanning JM. Gait abnormalities are present prior to the onset of claudication in both young and old claudicants. Nebraska American College of Surgeons; 2007 Nov 15. Omaha, NE
13. Arya S; Garg N; Johanning JM; Longo GM; Lynch TG; Pipinos II. Carotid endarterectomy and stenting: a meta-analysis of Current literature. 3rd Annual Academic Surgical Congress; 2008 Feb 13-15. Huntington Beach, CA
14. Karagiorgos N; Garg N; Sohal DPS; Pisimisis G; Johanning JM; Longo GM; Lynch TG; Pipinos II. Cerebral protection devices reduce periprocedural strokes during carotid angioplasty and stenting. 23rd World Congress of the International Union of Angiology; 2008 June 21-25. Athens, Greece
15. Kamenskiy AV; Dzenis YA; Lynch GT; Johanning JM; Longo GM; Pipinos II. In Vivo Mechanical and Flow Properties of the Human Carotid. 33rd Annual Meeting of the Midwestern Vascular Surgical Society; 2009 Sep 10-12. Chicago IL
16. Weiss DJ; Pipinos II; Longo GM; Lynch TG; Rutar F; Johanning JM. Direct and indirect measurement of patient radiation exposure during endovascular aneurysm repair. Nebraska Chapter of American College of Surgeons Annual Meeting; 2009 March 7. Omaha, NE

17. Arya S; Pipinos II; Garg N; Johanning JM; Lynch TG; Longo GM. Comparison of Carotid Artery Angioplasty and Stenting and Carotid Endarterectomy: A Systemic Review and Meta-Analysis of 30-day and Long-term Outcomes. the 33rd Annual Meeting of the Midwestern Vascular Surgical Society; 2009 Sept 10-12. Chicago, IL
18. Longo GM. Inferior Vena Cava Filters: Contemporary Management. Medical Grand Rounds, University of Nebraska Medical Center; 2010 March 24. Omaha, Nebraska
19. Longo GM. Radiation exposure during the performance of endovascular aortic aneurysm repair. 35th Annual Northwestern Vascular Symposium; 2010 December 9-11. Chicago, Illinois
20. Kamenskiy AV; Dzenis YA; MacTaggart JN; Johanning JM; Longo GM; Lynch GT; Pipinos II. Biaxial Mechanical Properties of the Human Carotid Artery and Materials Used for Patch Angioplasty. 34th Annual Meeting of the Midwestern Vascular Surgical Society; 2010 Sep 9-11. Indianapolis, IN
21. Gupta PK; Gupta H; Miller WJ; Lynch TG; MacTaggart JN; Johanning JM; Longo GM; Pipinos II. Predictors of Cardiac Events after Major Vascular Surgery. 5th Annual Academic Surgical Congress; 2010 Feb 3-5. San Antonio, TX
22. Gupta PK; Gupta H; Miller WJ; Johanning JM; Lynch TG; MacTaggart JN; Longo GM; Pipinos II. Corticosteroid Use, Symptomatic Status, and Smoking Are Associated with Stroke after Carotid Surgery in the ACS NSQIP. 5th Annual Academic Surgical Congress; 2010 Feb 3-5. San Antonio, TX
23. Longo GM. Endovascular techniques for arch vessels reconstruction. Advanced Thoracic Endovascular Aortic Repair Workshop. Midwestern Vascular Surgical Society; 2011 January 13-14. Cleveland, OH
24. Longo GM. Endovascular techniques for arch vessels reconstruction. Advanced Thoracic Endovascular Aortic Repair Workshop, Midwestern Vascular Surgical Society; 2011 March 3-4. Madison, WI
25. Longo GM. Incorporating Mid-level Providers into Your Clinical Practice: Wound Care Center. New Horizons in Vascular Surgery, Midwestern Vascular Surgical Society Meeting; 2011 September 15-17. Chicago, Illinois
26. Gupta PK; Natarajan B; Gupta H; Fang X; Balters M; Johanning JM; Lynch TG; Longo GM; MacTaggart JN; Pipinos II. Suprarenal Abdominal Aortic Aneurysm: Which Patients Would Benefit More From Fenestrated Endograft Rather Than Open Repair?. 2011 Vascular Annual Meeting; 2011 June 16-18. Chicago, IL
27. Gupta PK; Natarajan B; Gupta H; Fang X; Balters M; Johanning JM; Lynch TG; Forse RA; Longo GM; MacTaggart JN; Pipinos II. Contemporary Outcomes Following Endovascular versus Open Repair of Abdominal Aortic Aneurysm. 2011 Vascular Annual Meeting; 2011 June 16-18. Chicago, IL
28. Gupta PK; Natarajan B; Reddy YM; Gupta H; Balters M; Johanning JM; Lynch TG; Longo GM; MacTaggart JN; Pipinos II. Open Revascularization for Chronic Mesenteric Ischemia. 2011 Vascular Annual Meeting; 2011 June 16-18. Chicago, IL
29. Gupta PK; Natarajan B; Reddy YM; Gupta H; Balters M; Johanning JM; Lynch TG; Forse AR; Longo GM; MacTaggart JN; Pipinos II. Thirty Day Outcomes Following Brachiocephalic and Brachio basilic Arteriovenous Fistula Formation: National Benchmarks for Standard of Care. 2011 Vascular Annual Meeting; 2011 June 16-18. Chicago, IL
30. Gupta PK; Natarajan B; Gupta H; Fang X; Balters M; Johanning JM; Lynch TG; Longo GM; MacTaggart JN; Pipinos II. Endovascular Repair of Abdominal Aortic Aneurysm does not improve survival versus Open Repair in Patients Sixty Years or Younger. 35th Annual Meeting of the Midwestern Vascular Surgical Society; 2011 Sept 15-17. Chicago, IL
31. Gupta PK; Natarajan B; Gupta H; Fang X; Balters M; Johanning JM; Lynch TG; Longo GM; MacTaggart JN; Pipinos II. Suprarenal Abdominal Aortic Aneurysm: Which Patients Would Benefit More From Fenestrated Endograft Rather Than Open Repair?. 35th annual Meeting of the Midwestern Vascular Surgical Society; 2011 Sept 15-17. Chicago, IL
32. Longo GM; Kozeny D. Incorporating Mid-level Providers into Your Clinical Practice: Wound Care Center. New Horizons in Vascular Surgery, Midwestern Vascular Surgical Society Meeting; 2011 Sept 15-17. Chicago, IL
33. Longo GM. Endovascular techniques for arch vessel reconstruction. 36th Annual Northwestern Vascular Symposium; 2011 Dec 8-10. Chicago, IL
34. Longo GM. TASC/TASCII: Redefining Treatment for the Lower Extremities. Medical Grand Rounds, University of Nebraska Medical Center; 2012 Jan 4. Omaha, Nebraska
35. Ramanan B; Gupta PK; Lynch TG; Gupta H; Longo GM; MacTaggart JN; Baxter BT; Johanning JM; Pipinos II. In-Hospital and Post-Discharge Venous Thromboembolism after Vascular Surgery. 36th Annual Meeting of the Midwestern Vascular Surgical Society; 2012 Sept 6-18. Milwaukee, WI

36. Gupta P; Ramanan B; Mactaggart JN; Fang X; Balters M.; Longo GM; Lynch TG; Johanning JM; Pipinos II. Risk Index for Predicting Perioperative Stroke or Death Risk in Asymptomatic Patients undergoing Carotid Endarterectomy. Scientific Papers Sessions. 2012 Annual Clinical Congress of the American College of Surgeons; 2012 Sep 30-Oct 4. Chicago, IL
37. Kamenskiy A; Lomneth C; Pipinos I; Longo GM; Johanning JB; Baxter T; MacTaggart J. Method to Quantify Femoropopliteal Artery Deformation During Knee Flexion. American Heart Association, Arteriosclerosis, Thrombosis, and Vascular Biology Scientific Sessions; 2013 May 1-3. Buena Vista, FL
38. Longo GM. Can We Identify Patients Whose Abdominal Aortic Aneurysm (AAA) Would Be Best Managed with Open AAA?. American College of Surgeons Clinical Congress; 2014 Oct 26-30. San Francisco, CA
39. Longo GM. Aortic Aneurysms: Evidence and Practice Patterns. General Surgery Grand Rounds; 2015 January 28. University of Nebraska Medical Center, Omaha, NE
40. Longo GM. Can We Identify Patients Whose Abdominal Aortic Aneurysm (AAA) Would be Best Managed with Open AAA?. American College of Surgeons (ACS); 2015 October. Chicago, IL

## **PUBLICATIONS**

### **A. ARTICLES PUBLISHED IN SCHOLARLY JOURNALS**

1. Sierke SL, Longo GM, Koland JG. Structural Basis of Interactions Between Epidermal Growth Factor Receptor and SH2 Domain Proteins. *Biochemical and Biophysical Research Communications*. 191 : 45-54. 1993
2. Longo GM, Friedman AC, Hollins RR, Buresh CJ, Baxter BT. Distal radial artery lesion as a source of digital emboli. *Journal of Vascular Surgery*. 28 : 710-714. 1998
3. Longo GM; Rehm JP; Mayhan WG; Baxter BT. Calcium Chloride Induced Experimental Aneurysms in Mice. *Surgical Forum*. 1999; Vol. L: p. 450-451
4. Rupp ME, Fey PD, Longo GM. Effect of LY333328 against vancomycin-resistant *Enterococcus faecium* in a rat central venous catheter-associated infection model. *Journal of Antimicrobial Chemotherapy*. 47 : 705-707. 2001
5. Prall AK, Longo GM, Mayhan WG, Waltke EA, Fleckten B, Thompson RW, Baxter BT. Doxycycline in patients with abdominal aortic aneurysms and in mice: Comparison of serum levels and effect on aneurysm growth in mice. *Journal of Vascular Surgery*. 35 : 923-928. 2002
6. Gilbert Upchurch, Longo GM, William Turnipseed. Doxycycline in patients with abdominal aortic aneurysms and in mice: Comparison of serum levels and effect on aneurysm growth in mice. Discussion. *Journal of Vascular Surgery*. 35 : 928-929. 2002
7. Baxter BT, Pearce WH, Waltke EA, Littooy FN, Hallett JW, Kent KC, Upchurch GR, Chaikof EL, Mills JL, Fleckten B, Longo GM, Lee JK, Thompson RW. Prolonged administration of doxycycline in patients with small asymptomatic abdominal aortic aneurysms: Report of a prospective (Phase II) multicenter study. *Journal of Vascular Surgery*. 36 : 1-12. 2002
8. Longo GM, Xiong W, Greiner TC, Zhao Y, Fiotti N, Baxter BT. Matrix metalloproteinases 2 and 9 work in concert to produce aortic aneurysms. *Journal of Clinical Investigation*. 110 : 625-632. 2002
9. Eskandari MK, Longo GM, Vijungco JD, Morasch MD, Pearce WH. Does carotid stenting measure up to endarterectomy? A vascular surgeon's experience. *Archives of Surgery*. 139 : 734-738. 2004
10. Longo GM, Eskandari MK. Overview of success of EVAR: Progress to date. *Seminars in Vascular Surgery*. 17 : 307-313. 2004
11. Longo GM, Buda SJ, Fiotta N, Xiong W, Griener T, Shapiro S, Baxter BT. MMP-12 has a role in abdominal aortic aneurysms in mice. *Surgery*. 137 : 457-562. 2005
12. Eskandari MK, Longo GM, Matsumura JS, Kibbe MR, Morasch MD, Cardeira KR, Pearce WH. Carotid stenting done exclusively by vascular surgeons: First 175 cases. *Annals of Surgery*. 242 : 431-438. 2005
13. Peterson BG, Longo GM, Matsumura JS, Kibbe MR, Morasch MD, Cardeira KR, Eskandari MK. Endovascular repair of thoracic aortic pathology with custom-made devices. *Surgery*. 138 : 598-605. 2005
14. Peterson BG, Longo GM, Kibbe MR, Matsumura JS, Blackburn D, Astleford P, Eskandari MK. Duplex ultrasound remains a reliable test even after carotid stenting. *Annals of Vascular Surgery*. 19 : 793-797. 2005

15. Longo GM, Kibbe MR, Eskandari MK. Carotid artery stenting in octogenarians: Is it too risky?. *Annals of Vascular Surgery*. 19 : 812-816. 2005
16. Longo GM, Kibbe MR. Aneurysms of the carotid artery. *Seminars in Vascular Surgery*. 18 : 178-183. 2005
17. Pipinos II; Bruzoni M; Johanning JM; Longo GM; Lynch GM. Transcervical carotid stenting with flow reversal for neuroprotection: Technique, results, advantages, and limitations. *Vasc*. 2006 Sep; Vol. 14 (5): p. 245-55
18. Garg N, Pipinos II, Longo GM, Thorell WE, Lynch TG, Johanning JM. Detachable Coils for Repair of Extraparenchymal Renal Artery Aneurysms: An Alternative to Surgical Therapy. *Annals of Vascular Surgery*. 21 : 97-110. 2007
19. Trigilio-Black CM, Ringley CD, McBride CL, Sorensen VJ, Thompson JS, Longo GM, Pipinos II, Johanning JM. Inferior vena cava filter placement for pulmonary embolism risk reduction in super morbidly obese undergoing bariatric surgery. *Surgery for Obesity and Related Diseases*. 3 : 461-464. 2007
20. Celis R; Huisinga J; Pipinos II; Longo GM; Lynch TG; Stergiou N; Johanning JM. Gait abnormalities are present prior to the onset of claudication in both young and old claudicants. *Journal of the American College of Surgeons*. 2007 Sep; Vol. 205 (3): p. S110
21. Arya S; Garg N; Johanning JM; Longo GM; Lynch TG; Pipinos II. Carotid endarterectomy and stenting: a meta-analysis of current literature. *J Biomech*. 2008; Vol. 144 (2): p. 408-9
22. Myers SA, Johanning JM, Stergiou N, Lynch TG, Longo GM, Pipinos II. Claudication distances and the Walking Impairment Questionnaire best describe the ambulatory limitations in patients with symptomatic peripheral arterial disease. *Journal of Vascular Surgery*. 47 : 550-555.e1. 2008
23. Lynch TG; Longo GM. A census-based analysis of racial disparities in lower extremity amputation in Northern Illinois - invited commentary. *Journal of Vascular Surgery*. 2008 May; Vol. 47 (5): p. 1001-7
24. Thomas G. Lynch; Longo GM. Invited commentary. *Journal of Vascular Surgery*. 47 : 1007. 2008
25. Weiss DJ, Pipinos II, Longo GM, Lynch TG, Rutar FJ, Johanning JM. Direct and Indirect Measurement of Patient Radiation Exposure during Endovascular Aortic Aneurysm Repair. *Annals of Vascular Surgery*. 22 : 723-729. 2008
26. Koutakis P; Johanning JM; Haynatzki GR; Myers SA; Stergiou N; Longo GM; Pipinos II. Abnormal Joint Powers Before And After The Onset Of Claudication Symptoms. *J Vascular Surgery*. 2009; Vol. 52: p. 340-347
27. Pipinos II, Pisimisis GT, Burjonrappa SC, Johanning JM, Longo GM, Lynch TG. One Patent Intracranial Collateral Predicts Tolerance of Flow Reversal during Carotid Angioplasty and Stenting. *Annals of Vascular Surgery*. 23 : 32-38. 2009
28. Garg N, Karagiorgos N, Pisimisis GT, Sohal DP, Longo GM, Johanning JM, Lynch TG, Pipinos II. Cerebral protection devices reduce periprocedural strokes during carotid angioplasty and stenting: A systematic review of the current literature. *Journal of Endovascular Therapy*. 16 : 412-427. 2009
29. Ali Khojyehzad; Longo GM. Intraprocedural monitoring for endovascular procedures. *Peripheral Endovascular Interventions*. 63-73. 2010
30. Gupta PK; Gupta H; Miller WJ; Johanning JM; Lynch TG; MacTaggart JN; Longo GM; Pipinos II. Corticosteroid Use, Symptomatic Status, and Smoking Are Associated with Stroke after Carotid Surgery in the ACS NSQIP Database. *The Journal of surgical research*. 2010 Aug; Vol. 158 (2): p. 303
31. Koutakis P, Johanning JM, Haynatzki GR, Myers SA, Stergiou N, Longo GM, Pipinos II. Abnormal joint powers before and after the onset of claudication symptoms. *Journal of Vascular Surgery*. 52 : 340-347. 2010
32. Longo GM, Pipinos II. Endovascular techniques for arch vessel reconstruction. *Journal of Vascular Surgery*. 52 : 77S-81S. 2010
33. Gupta PK, Pipinos II, Miller WJ, Gupta H, Shetty S, Johanning JM, Longo GM, Lynch TG. A population-based study of risk factors for stroke after carotid endarterectomy using the ACS NSQIP database. *Journal of Surgical Research*. 167 : 182-191. 2011
34. Arya S, Pipinos II, Garg N, Johanning J, Lynch TG, Longo GM. Carotid endarterectomy is superior to carotid angioplasty and stenting for perioperative and long-term results. *Vascular and Endovascular Surgery*. 45 : 490-498. 2011
35. Gupta PK, Ramanan B, Lynch TG, Gupta H, Fang X, Balters M, Johanning JM, Longo GM, MacTaggart JN, Pipinos II. Endovascular repair of abdominal aortic aneurysm does not improve early survival versus open repair in patients younger than 60 years. *European Journal of Vascular and Endovascular Surgery*. 43 : 506-512. 2012



36. Gupta PK, Sundaram A, Mactaggart JN, Johanning JM, Gupta H, Fang X, Forse RA, Balters M, Longo GM, Sugimoto JT, Lynch TG, Pipinos II. Preoperative anemia is an independent predictor of postoperative mortality and adverse cardiac events in elderly patients undergoing elective vascular operations. *Annals of Surgery*. 258 : 1096-102. 2013
37. Carolyn R. Schaeffer; Keith M. Woods; Longo GM. Rat jugular catheter model of biofilm-mediated infection. *Methods in Molecular Biology*. 1106 : 199-206. 2014
38. MacTaggart JN, Phillips NY, Lomneth CS, Pipinos II, Bowen R, Baxter BT, Johanning J, Longo GM, Desyatova AS, Moulton MJ, Dzenis YA, Kamenskiy AV. Three-dimensional bending, torsion and axial compression of the femoropopliteal artery during limb flexion. *J Biomech*. 47 : 2249-56. 2014
39. Carolyn R. Schaeffer; Keith M. Woods; Longo GM; Megan R. Kiedrowski; Alexandra E. Paharik; Henning Böttner; Martin Christner; Robert J. Boissy; Alexander R. Horswill; Holger Rohde; Paul D. FEY. Accumulation-associated protein enhances *Staphylococcus epidermidis* biofilm formation under dynamic conditions and is required for infection in a rat catheter model. *Infection and immunity*. 2015 Jan; Vol. 83 (1): p. 214-226. 0019-9567
40. Melin A; Schmid KK; Lynch GT; Pipinos II; Kappes, Steve; Longo GM; Prateek K. Gupta; Johanning JM. Preoperative frailty risk analysis index to stratify patients undergoing carotid endarterectomy. *Journal of vascular surgery : official publication, the Society for Vascular Surgery [and] International Society for Cardiovascular Surgery, North American Chapter*. 2015 Mar; Vol. 61 (3): p. 683-689. 0741-5214
41. Caleb M. Steffen; Patrick J. Hawkes; Jason N. Mactaggart; G. Matthew Longo. Aortic endografting failure due to deviation from device instructions for use. *Journal of Vascular Surgery*. 63 : 1088-1089. 2016

**B. ARTICLES ACCEPTED FOR PUBLICATION IN SCHOLARLY JOURNALS**

Not Applicable

**C. ARTICLES SUBMITTED FOR PUBLICATION IN SCHOLARLY JOURNALS**

Not Applicable

**D. BOOKS PUBLISHED, IN PREPARATION, SUBMITTED OR IN PRESS**

Not Applicable

**E. CHAPTERS IN BOOKS**

1. Baxter BT; Longo GM; Buda SJ. *Advances in Vascular Surgery*. Chicago, IL: Precept Press; 2002. Understanding the Role of Matrix Metalloproteinases in Arterial Diseases; 3-13
2. Longo GM; Eskandari MK. *Trends In Vascular Surgery*. Chicago, IL: Precept Press; 2004. Single Center Experience in Carotid and Innominate Artery Stenting; 147-156
3. Longo GM; Pearce WH; Sumner DS. *Vascular Surgery*. 6th. Philadelphia, Pennsylvania: W.B. Saunders Co; 2005. Evaluation of the Upper Extremity; 1274-1293
4. Longo GM; Eskandari MK. *Trends in Vascular Surgery*. Chicago, Illinois: Greenwood Academics; 2005. Angioplasty and Stent in Selected Patients with Femoro-tibial Lesions; 389-394
5. Longo GM; Matsumura JS. *Vascular and Endovascular Surgery: A Comprehensive Review*. Philadelphia, Pennsylvania: W.B. Saunders Co; 2006. Endovascular Repair of Abdominal Aortic Aneurysm: Comparative Technique and Results of Currently Available Devices; 383-395
6. Longo GM; Baxter BT. *Vascular Surgery-A Manual for Survival*. Evanston, IL: Greenwood Academic; 2009. Current Ideas and Treatment of Aortic-Aneurysms

7. Longo GM; Baxter BT. Vascular Surgery: Therapeutic Strategies. Shelton, CT: People's Medical Publishing House; 2010. Pharmacologic Therapy, The Treatment of Small Abdominal Aortic Aneurysms; 589-602
8. Khojenezhad A; Longo GM. Peripheral Endovascular Interventions. New York, NY: Springer; 2010. Intraprocedural Monitoring for Endovascular Procedures; 63-73
9. Longo GM; Lynch TG. Rutherford's Vascular Surgery. 7th. Philadelphia, Pennsylvania: Elsevier; 2010. Essentials of Clinical Evaluation; 204-217
10. Longo GM; Eskandari MK. Trends in Vascular Surgery: Carotid Artery Disease. Shelton, CT: People's Medical Publishing House; 2010. Single Center Experience of Carotid Artery Stenting; 119-126
11. Baxter BT; Longo GM. Greenfield's Surgery. 5th. Philadelphia, Pennsylvania: Lippincott Williams & Wilkins; 2010. Pathogenesis of Aneurysms; 97
12. Malhotra G; Longo GM. New Findings in Vascular Surgery. Shelton, CT: People's Medical Publishing House; 2011. Radiation Exposure during the Performance of Endovascular Aortic Aneurysm Repair; 171-180
13. Longo GM; Eskandari MK. Modern Trends in Vascular Surgery. Shelton, CT: People's Medical Publishing House; 2011. Angioplasty and Stent in Selected Patients with Femora-Tibial Lesions; 247-251
14. MacTaggart JN; Longo GM. New Findings in Vascular Surgery. Shelton, CT: People's Medical Publishing House; 2012. Endovascular Reconstruction of the Aortic Arch

#### **F. BOOKS OR JOURNALS EDITED**

Not Applicable

#### **G. ABSTRACTS AND PRELIMINARY COMMUNICATIONS**

1. Longo GM; Neff J; Mahoney CR; Lynch TG; Baxter BT. Venous Reconstruction for Limb Salvage in Lower Extremity Sarcomas. 11th Annual Meeting of the Merican Venous Forum; Dana Point, California. 1999 Feb
2. Longo GM; Johanning JM; Murayama K. Laparoscopic Repair of Abdominal Aortic Aneurysms. Omaha, Nebraska. Nebraska Chapter of the American College of Surgeons. 1999 May
3. Longo GM; Rehm JP; Baxter BT. Calcium Chloride Induced Aneurysms in Mice. 85th Clinical Congress of the American College of Surgeons; San Francisco, California. Surgical Forum. 1999 Oct
4. Longo GM; Mayhan WG; Baxter BT. Inhibition of Abdominal Aortic Aneurysm Formation in Matrix Metalloproteinase-9 Deficient Mice. Nebraska Chapter of the American College of Surgeons; Omaha, Nebraska. 2000 Apr
5. Longo GM; Rehm JP; Mayhan WG; Baxter BT. Calcium Chloride Induced Experimental Aneurysms in Mice: Time Course Model. 1st Conference on Arteriosclerosis, Thrombosis, and Vascular Biology; Broomfield, Colorado. 2000 May
6. Longo GM; Fiotti N; Prall AK; Senior RM; Baxter BT. MMP-9 Knockout Mice are Resistant to Calcium Chloride Aneurysm Induction. 2nd Annual Conference on Arteriosclerosis, Thrombosis, and Vascular Biology; Arlington, Virginia. 2001 May
7. Longo GM; Rehm JP; Mayhan WG; Baxter BT. Aneurysm Induction in Mice Deficient in Metalloproteinase 9 or 12. 55th Annual Meeting of the Society for Vascular Surgery; Baltimore, Maryland. 2001 Jun
8. Longo GM; Rehm JP; Mayhan WH; Baxter BT. Doxycycline in Patients with AAA and in Mice: A Comparison of Circulating Levels and Effect on Aneurysm Growth in Mice. Annual Meeting of the Midwestern Vascular Surgical Society; Chicago, IL. 2001 Sep
9. Longo GM; Miller JJ; Friedman AC; Hollins RR; Johnson P. The Influence of Body Mass Index on Complications in Individuals Undergoing an Abdominoplasty. 70th Annual Meeting of the American Society of Plastic Surgeons/Plastic Surgery Educational Foundation; Orlando, Florida. 2001 Nov
10. Longo GM; Rehm JP; Mayhan WH; Baxter BT. Aneurysm Inhibition in Matrix Metalloproteinase -9 and -12 Knockout Mice. Nebraska Chapter of the American College of Surgeons; Nebraska City, Nebraska. 2002 May

11. Longo GM; Kibbe MR; Matsumura JS; Eskandari MK. Does Carotid Artery Stenting Measure Up to Endarterectomy?. Residents/Fellows Symposium, Research Initiatives in Vascular Disease Conference; Bethesda, Maryland. 2004 Apr
12. Longo GM; Kibbe MR; Matsumura JS; Eskandari MK. Carotid Artery Stenting in Octogenarians: Is it too risky?. 15th Annual Winter Meeting of the Peripheral Vascular Surgery Society; Steamboat Spring. 2005 Jan
13. Peterson BG; Longo GM; Kibbe MR; Matsumura JS; Eskandari MK. Duplex Ultrasound Remains a Reliable Test Even After Carotid Stenting. 15th Annual Winter Meeting, Peripheral Vascular Surgery Society; Steamboat Springs, Colorado. 2005 Jan
14. Longo GM; Jiang Q; Wong JS; Pearce WH; Kibbe MR. Nitric Oxide Increases UBCH3 Expression but Inhibits Its Function. Accepted 66th Annual Meeting, Society of University Surgeons; Nashville, Tennessee. 2005 Feb
15. Peterson BG; Longo GM; Matsumura JS; Kibbe MR; Eskandari MK. Endovascular Repair of Thoracic Aneurysms with Custom-Made Devices. Accepted 62nd Annual Meeting, Central Surgical Association; Tucson, Arizona. 2005 Mar
16. Eskandari MK; Longo GM; Matsumura JS; Kibbe MR; Morasch MD; Pearce WH. Carotid Stenting Done Exclusively by Vascular Surgeons: First 175 Cases. 125th Annual Meeting, American Surgical Association; Palm Beach, Florida. 2005 Apr
17. Pipinos II; Burjonrappa S; Johanning JM; Longo GM; Lynch TG. Carotid Angioplasty With Internal Carotid Artery Flow Reversal Is Well Tolerated In Patients With At Least One Patent Intracranial Collateral. Society for Clinical Vascular Surgery 34th Annual Symposium on Vascular Surgery; Las Vegas, NV. Winner of the Allastair Karmody Poster Award for the "carotid surgery" category. 2006 Mar
18. Arya S; Garg N; Longo GM; Johanning JM; Lynch GT; Pipinos I. Endovascular treatment of carotid artery stenosis compared with carotid endarterectomy: evidence from current prospective randomized and non-randomized controlled trials. Rochester Vascular 2007: What's New in Vascular Medicine, Surgery, and Interventional Care; Rochester, New York. 2007 May
19. Celis R; Pipinos II; Huisinga J; Longo GM; Lynch T; Stergiou N; Johanning JM. Gait abnormalities are present prior to the onset of claudication in both young and old claudicants. 62nd Annual Sessions of the Forum on Fundamental Surgical Problems, The American College of Surgeons 93rd Annual Clinical Congress; New Orleans, LA. Journal of the American College of Surgeons Volume 205, Issue 3, Supplement 1. 2007 Oct , Vol. 205: S1-S112
20. Arya S; Garg N; Longo GM; Johanning JM; Lynch GT; Pipinos II. Endovascular treatment of carotid artery stenosis compared with carotid endarterectomy: evidence from current prospective randomized and non-randomized controlled trials. Winner 1st place Award in the Residents Competition; Omaha, Nebraska. Nebraska American College of Surgeons. 2007 Nov
21. Celis R; Huisinga J; Pipinos II; Longo GM; Lynch T; Stergiou N; Johanning JM. Gait abnormalities are present prior to the onset of claudication in both young and old claudicants. Residents Competition; Omaha, NE. Nebraska American College of Surgeons. 2007 Nov
22. Arya S; Garg N; Johanning JM; Longo GM; Lynch TG; Pipinos II. Carotid endarterectomy and stenting: a meta-analysis of Current literature. 3rd Annual Academic Surgical Congress; Huntington Beach, CA. 2008 Feb
23. Karagiorgos N; Garg N; Sohal DPS; Pisimisis G; Johanning JM; Longo GM; Lynch TG; Pipinos II. Cerebral protection devices reduce periprocedural strokes during carotid angioplasty and stenting. 23rd World Congress of the International Union of Angiology; Athens, Greece. 2008 Jun
24. Arya S; Garg N; Johanning J; Lynch TG; Pipinos II; Longo GM. Comparison of carotid artery angioplasty and stenting and carotid endarterectomy: A systemic review and meta-analysis of 30-day and long-term outcomes. 33rd Annual Meeting Midwestern Vascular Surgical Society; Chicago, Illinois. 2009 Sep
25. Kamenskiy AV; Dzenis YA; Lynch TG; Johanning JM; Longo GM; Pipinos II. In Vivo mechanical and flow properties of the human carotid. 33rd Annual Meeting; Chicago, IL. Midwestern Vascular Surgical Society. 2009 Sep
26. Gupta PK; Gupta H; Miller WJ; Lynch TG; MacTaggart JN; Johanning JM; Longo GM; Pipinos II. Predictors of Cardiac Events after Major Vascular Surgery. 5th Annual Academic Surgical Congress; San Antonio, TX. Quick Shot Oral. 2010 Feb
27. Gupta PK; Gupta H; Miller WJ; Johanning JM; Lynch TG; MacTaggart JN; Longo GM; Pipinos II. Corticosteroid Use, Symptomatic Status, and Smoking are Associated with Stroke after Carotid Surgery in the ACS NSQIP. 5th Annual Academic Surgical Congress; San Antonio, TX. Quick Shot Oral. 2010 Feb
28. Gupta PK; Gupta H; Miller WJ; MacTaggart JN; Johanning JM; Longo GM. Predictors of Cardiac Events after Major Vascular Surgery. Quick shot oral presentation; San Antonio, Texas. 5th Annual Academic Surgical Congress. 2010 Feb

29. Gupta PK; Gupta H; Miller WJ; Johanning JM; Lynch TG; MacTaggart JN; Longo GM; Pipinos II. Corticosteroid Use, Symptomatic Status, and Smoking Are Associated with Stroke after Carotid Surgery in the ACS NSQIP. Quick shot oral presentation; San Antonio, Teas. 5th Annual Academic Surgical Congress. 2010 Feb
30. Kamenskiy AV; Dzenis YA; MacTaggart JN; Johanning JM; Longo GM; Lynch GT; Pipinos II. Biaxial Mechanical Properties of the Human Carotid Artery and Metrials Used for Patch Society. 34th Annual Meeting of the Midwestern Vascular Surgical Society; Indianapolis, IN. 2010 Sep
31. Gupta PK; Arya S; Natarajan B; Fang X; Gupta H; Balters M; Johanning JM; Lynch TG; Longo GM; MacTaggart JN; Pipinos II. Suprarenal Abdominal Aortic Aneurysm: Which Patients Would Benefit From Fenestrated Endograft Rather Than Open Repair?. Poster at Society of Vascular Surgery Meeting; Chicago, Illinois. 2011
32. Gupta PK; Natarajan B; Gupta H; Fang X; Balters M; Johanning JM; Lynch TG; Forse RA; Longo GM; MacTaggart JN; Pipinos II. Contemporary Outcomes Following Endovascular versus Open Repair of Abdominal Aortic Aneurysm. Poster at Society of Vascular Surgery Meeting; Chicago, Illinois. 2011 Jun
33. Gupta PK; Natarajan B; Reddy YM; Gupta H; Balters M; Johanning JM; Lynch TG; Longo GM; MacTaggart JN; Pipinos II. Open Revascularization for Chronic Mesenteric Ischemia. Poster at Society of Vascular Surgery Meeting; Chicago, Illinois. 2011 Jun
34. Gupta PK; Natarajan B; Reddy YM; Gupta H; Balters M; Johanning JM; Lynch TG; Forse RA; Longo GM; MacTaggart JN; Pipinos II. Thirty Day Outcomes Following Brachiocephalic and Brachiobasilic Arteriovenous Fistula Formation: National Benchmarks for Standard of Care. Society of Vascular Surgery Meeting; Chicago, Illinois. 2011 Jun
35. Gupta PK; Arya S; Natarajan B; Fang X; Gupta H; Balters M; Johanning JM; Lynch TG; Longo GM; MacTaggart JN; Pipinos II. Endovascular Repair of Abdominal Aortic Aneurysm Does Not Improve Survival versus Open Repair in Patients Sixty Years or Younger. 2011 Scientific Meeting of the Midwestern Vascular Surgical Society; Chicago, Illinois. 2011 Sep
36. Gupta PK; Arya S; Natarajan B; Fang X; Gupta H; Balters M; Johanning JM; Lynch TG; Longo GM; MacTaggart JN; Pipinos II. Suprarenal Abdominal Aortic Aneurysm: Which Patients Would Benefit More from Branched or Fenestrated Endograft Repair Rather than Open Repair?. 2011 Scientific Meeting of the Midwestern Vascular Surgical Society; Chicago, Illinois. 2011 Sep
37. Celis R; Pipinos II; Huisinga J; Longo GM; Lynch T; Stergiou N; Johanning J. Gait abnormalities are present prior to the onset of claudication in both young and old claudicants. 62nd Annual Sessions of the Forum on Fundamental Surgical Problems, The American College of Surgeons 93rd Annual Clinical Congress; New Orleans, LA. 2011 Oct

#### **H. PUBLISHED AUDIOVISUAL OR COMPUTER-BASED EDUCATIONAL MATERIALS AND COMPUTER SOFTWARE**

Not Applicable

#### **I. PUBLISHED CONTINUING EDUCATION MATERIALS**

Not Applicable

#### **J. EDITORIALS**

Not Applicable

#### **K. CONFERENCE PROCEEDING**

1. Kamenskiy AV; Dzenis YA; Lynch GT; Johanning JM; Longo GM; Pipinos II. In Vivo Mechanical and Flow Properties of the Human Carotid: 33rd Annual Meeting of the Midwestern Vascular Surgical Society; 2009 Sep 10-12; 2009 Sep

2. Kamenskiy AV; Dzenis YA; MacTaggart JN; Johanning JM; Longo GM; Lynch GT; Pipinos II. Biaxial Mechanical Properties of the Human Carotid Artery and Materials Used For Patch Angioplasty: 34th Annual Meeting of the Midwestern Vascular Surgical Society; 2010 Sep 9-11; Indianapolis, IN; 2010 Sep. 98