

**CURRICULUM VITAE**  
*Erica Leith Mitchell, M.D.*

**PRESENT POSITION AND ADDRESS**

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**Academic Rank:** Assistant Professor of Surgery  
Assistant Professor of Interventional Radiology

**Department/ Division:** Division of Vascular Surgery  
The Dotter Institute

**Professional Address:** Division of Vascular Surgery, OP11  
Oregon Health & Science University  
3181 SW Sam Jackson Park Road  
Portland, OR 97239-3098  
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**EDUCATION**

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**Undergraduate and Graduate:** Bachelor of Science, Geologic Engineering, 1985  
Minor: Petroleum Geology  
Colorado School of Mines. Golden, CO

Completion of Pre-Med Requirements, 1989-91  
University of Colorado. Denver, CO

Doctor of Medicine, May 25, 1996  
University of Colorado. Denver, CO

**Postgraduate:** Internship  
General Surgery, 1996-1997  
University of Colorado Health Sciences Center  
Denver, CO

Residency  
General Surgery, 1997-1998, 1999-2000  
University of Colorado Health Sciences Center  
Denver, CO

Research Fellow  
Plastic Surgery, 1999  
Jack Brockhoff Reconstructive Plastic Surgery Research

Unit of the Royal Melbourne Hospital  
Melbourne, Australia

Residency

Plastic Surgery, 2000  
University of Colorado Health Sciences Center  
Denver, CO

Residency

General Surgery, 2001-2003  
University of Colorado Health Sciences Center  
Denver, CO

Fellowship

Vascular Surgery, 2003-2005  
Oregon Health & Science University  
Portland, OR

Human Investigators Program (HIP), 2004

Oregon Health & Science University  
Portland, OR

Fellowship

Interventional Radiology, 2005-2006  
University of Colorado Health Sciences Center  
Denver, CO

Education Leadership Initiative, 2008-2009

Oregon Health & Science University, School of Medicine  
Portland, OR

**Certification:**

Diplomat, National Board of Medical Examiners, #40453672, 2002

American Board of Surgery:

1. General Surgery #49452, 2004
2. Vascular and Endovascular Surgery #101726, 2007

**Licensure:**

Colorado Medical License #39145

Oregon Medical License #MD 24570

DEA #BM7020299

NPI #1417044462

## **PROFESSIONAL EXPERIENCE**

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### **Academic:**

Assistant Professor, Department of Surgery, 2006-present  
Oregon Health & Science University  
Department of Veterans Affairs Medical Center, Portland

Assistant Professor, Department of Radiology, 2006-present  
The Dotter Institute and Oregon Health & Science University  
Department of Veterans Affairs Medical Center, Portland

### **Administrative:**

Oregon Health & Science University

1. Director Vascular Surgical Skills Laboratory
2. Coordinator and Lecturer of the Vascular Surgery for General Surgeons Lecture series  
2007-present

### **Other:**

General Surgery Locum Tenens  
Clackamas Surgical Associates, Inc. 2003-2005  
Willamette Hospital and Meridian Park Legacy Hospital

## **SCHOLARSHIP**

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### **Areas of Research/ Scholarly Interest:**

1. Development of a Vascular Specific Skills Laboratory.
2. Endovascular repair of Chronic Mesenteric Occlusive Disease: Duplex Criteria for Stented Superior Mesenteric Arteries.
3. Reimplantation of the Inferior Mesenteric Artery during aortic surgery: Is post-operative duplex ultrasonography a useful adjunct in predicting late ischemic colitis?

4. Salvage procedures after iliac artery stenting.

**Research Experience:**

1. Research assistant to Brad Stith, Ph.D.; Dept. of Biology, University of Colorado, Denver, Colorado, 1989-90. Protein Kinase C signal transduction involvement in *Xenopus laevis* oocyte meiotic cell division.
2. Research assistant to Michael Glode, MD; the division of Oncology, Dept. of Medicine, University of Colorado Health Sciences Center, 1992-93. Fusion protein DNA transfection for gene therapy.
3. Independent research; Review of treatment and referral practices of TB patients at the multiple drug resistance clinic (Brooklyn Chest Hospital); University of Cape Town School of Medicine, Cape Town, South Africa, 1993.
4. Independent research: retrospective review comparing the surgical treatment practices for breast cancer at affiliated county, university and private hospitals. Denver, CO. 1998.
5. Research Fellow for G. Ian Taylor, MD, FRCS, FRACS, FACS. Director of the Jack Brockhoff Reconstructive Plastic Surgery Research Unit of the Royal Melbourne Hospital, Melbourne, Australia. Project: The Angiosome Concept Applied to Arteriovenous Malformations of the Head and Neck. 1999.
6. Retrospective review of utilization and outcomes with retrievable inferior vena cava filters at two level one trauma centers. Denver, CO. 2005-2006.

**Publications/Creative Work:**Journal Articles – Peer-reviewed:

1. Stith BJ, Kirkwood AJ, *Wohnlich E*. Insulin, insulin-like growth factor 1, and progesterone induce early and late increases in *Xenopus* oocyte sn-1, 2-diacylglycerol levels before meiotic cell division. *J Cell Physiol* 1991; 149:252-59.
2. Heimbach JK, Biffi WL, Mitchell EL, Finlayson CA, et al. Breast conservations therapy in affiliated county, university, and private hospitals. *Am J Surg* 1999; 178: 466-69.
3. Mitchell EL, Taylor GI, Houseman ND, Mitchell PJ, et al. The angiosome concept

applied to arteriovenous malformations of the head and neck. *Plast Reconstr Surg* 2001; 107. (3):633-46.

4. Ray CE Jr, Mitchell E, Zipser S, Kao EY, Brown CF, Moneta GL. Outcomes with retrievable inferior vena cava filters: a multicenter study. *J Vasc Interv Radiol*. 2006 Oct; 17(10):1595-604.
5. Mitchell EL, Moneta GL. Mesenteric Duplex Scanning. *Perspectives in Vascular Surgery and Endovascular Therapy*. 2006 Jun; 18 (2):175-183.
6. Landry GJ, Liem TK, Mitchell EL, Edwards JM, Moneta GL. Factors affecting symptomatic vs. asymptomatic vein graft stenoses in lower extremity bypass grafts. *Archives of Surgery* 2007; 142 (9): 848-54.
7. Liem TK, Mitchell EL, Landry GJ, Moneta GL. Isolated Gastro/Soleal Deep Venous Thrombosis Is Associated with Pulmonary Embolism and a High Incidence of Additional Ipsilateral and Contralateral DVT.

#### Book Chapters:

1. Mitchell EL, Moneta GL: Ultrasound Assessment of Carotid Stenosis and Occlusion. In: Introduction to Vascular Ultrasonography. Zwiebel WJ, editor. 5th Edition. W.B. Saunders Company, 2004.
2. Mitchell EL, Moneta GL: Natural History and Non-interventional Treatment of Chronic Lower Extremity Ischemia. In: Vascular and Endovascular Surgery: A Comprehensive Review. Moore WS, editor. 7th Edition. W.B. Saunders Company, 2006.
3. Mitchell EL, Liem TK. Hemostasis and thrombosis. In Vascular and Endovascular Surgery: A Comprehensive Review. Moore WS, and Ahn S, editors. 7<sup>th</sup> Edition. Philadelphia, Pennsylvania: WB Saunders Company 2005.
4. Mitchell EL, Cho D: Polyarteritis Nodosa. In: The 5-Minute Pain Management Consult. Sibell DM, Kirsch JR, eds. Lippincott Williams, & Wilkins; 2007. p. 230.
5. Mitchell EL, Cho D: Peptic Ulcer Disease. In: The 5-Minute Pain Management Consult. Sibell DM, Kirsch JR, eds. Lippincott Williams, & Wilkins; 2007. p. 210.
6. Mitchell EL, Moneta GL: Estudo das Arterias Mesentericas. In: Ultra-sonografia Vascular. Engelhorn CA, de Morais Fiho D, Sauto Barros F, Nostradamus AC (Eds). Di Livros Editoria Ltda. Rio de Janerio, Brazil. pp. 83-91, 2007.

Abstracts:

1. Stith BJ, *Wohnlich E.* Insulin, insulin-like growth factor 1, and progesterone increase DAG levels at 15 min. and immediately before meiotic cell division in *Xenopus* oocytes. *J Cell Biol* 1990; 3(5):365a.
2. Mitchell EL, Lee DY, Raman R, Liem TK, Landry GJ, Keller FS, Moneta GL. Duplex Criteria for Native Artery Superior Mesenteric Artery Stenosis Overestimates Stenosis in Stented Superior Mesenteric Arteries. Accepted to *Society Vascular Surgery* 2008.
3. Mitchell EL, Liem TK, Landry GJ, Moneta GL. Development of a Vascular Specific Skills Laboratory. Submitted to *Society Vascular Surgery* 2008.

**Invited Lectures, Conference Presentations or Professorships:**International/ National:

1. Insulin, insulin-like growth factor 1, and progesterone increase DAG levels at 15 min. and immediately before meiotic cell division in *Xenopus* oocytes. Thirtieth annual meeting of the American Society for Cell Biology. San Diego, California. December 11, 1990.
2. Review of treatment and referral practices of TB patients at the multiple drug resistance clinics (Brooklyn Chest Hospital); University of Cape Town School of Medicine, Department of Community Health Infectious Disease Forum. Cape Town, South Africa. August 4, 1993.
3. The Role of Ultrasound in the Management of Carotid Artery Stenosis. XVIII Congresso Brasileiro de Ecocardiografia. Sao Paulo, Brazil. April 29, 2005
4. Retrievable IVC Filters: Is Ultrasound Guided Delivery a Viable Option? XVIII Congresso Brasileiro de Ecocardiografia. Sao Paulo, Brazil. April 29, 2005.
5. Mesenteric Duplex Scanning. XVIII Congresso Brasileiro de Ecocardiografia. Sao Paulo, Brazil. April 29 2005.
6. Outcomes with retrievable inferior vena cava filters: a multicenter study. Pacific North West Vascular Society Meeting. Spokane, Washington. November 9, 2006.
7. Duplex Criteria for Native Artery Superior Mesenteric Artery Stenosis Overestimates Stenosis in Stented Superior Mesenteric Arteries. *Society for Vascular Surgery Annual*

Meeting. San Diego, California. June 8, 2008.

Regional/ Local:

1. Annual student research forum. University of Colorado Health Sciences Center School of Medicine Graduate School of Pharmacy. Denver, Colorado. January 7, 1993.
2. Managed Care vs. Single Payer Healthcare: Single Payer. University of Colorado Health Sciences Center Resident Debate, Surgical Grand Rounds. Denver, Colorado. February 7, 1998.
3. Liver transplantation for Malignancy: Valuable. University of Colorado Health Sciences Center Resident Debate, Surgical Grand Rounds. Denver, Colorado. October 2, 1999.
4. Laparoscopic vs. Surgical Palliative Treatment for Pancreatic Cancer: University of Colorado Health Sciences Center Resident Debate, Surgical Grand Rounds. Denver, Colorado. May 18, 2002.
5. Operations for Bleeding or Perforated Peptic Ulcer: Definitive Surgery. University of Colorado Health Sciences Center Resident Debate, Surgical Grand Rounds. Denver, Colorado. December 16, 2002.
6. Mesenteric Ischemia: Oregon Health & Science University Resident Lectures, Surgical Grand Grounds. Portland, Oregon. January 10, 2004.
7. The Role of Ultrasound in the Management of Carotid Artery Stenosis: John M. Porter Memorial Lecture Series, Oregon Health & Science University. Portland, Oregon. April 9, 2005.
8. Fifth Annual "Keeping in Circulation" Peripheral Arterial Disease Lecture: Vascular Disease Foundation, Denver Botanical Gardens. Denver, Colorado. August 23, 2005.
9. Peripheral Arterial Disease. Oregon Health & Sciences University/Portland Veterans Administration Hospital Vascular Symposium. Portland, Oregon. September 23, 2006.
10. Inferior Vena Cava Filters in the Era of Retrievable Devices, Indications and Controversies. Oregon Health & Sciences University Surgical Grand Rounds, Portland, Oregon. June 18, 2007.
11. Endovascular Therapies I & II. The Osler Institute, Vascular Surgery Board Review Course, Chicago. September 28-29, 2007.

12. Non-atherosclerotic Vascular Disease I & II. The Osler Institute, Vascular Surgery Board Review Course, Chicago. September 28-29, 2007.
13. Renovascular Disorders I & II. The Osler Institute, Vascular Surgery Board Review Course, Chicago. September 28-29, 2007.
14. Aortic and Carotid Disorders. The Osler Institute, General Surgery Recertification Exam Seminar, San Francisco. November 18, 2007.
15. Venous Diseases and DVT. The Osler Institute, General Surgery Recertification Exam Seminar, San Francisco. November 18, 2007.
16. Peripheral Vascular Disease. The Osler Institute, General Surgery Recertification Exam Seminar, San Francisco. November 18, 2007.
17. Aneurysm Disease. The Osler Institute, General Surgery Board Review Course, Seattle. February 29, 2008.
18. Carotid Disease. The Osler Institute, General Surgery Board Review Course, Seattle. February 29, 2008.
19. Peripheral Vascular Disease. The Osler Institute, General Surgery Board Review Course, Seattle. February 29, 2008.
20. Venous Diseases, DVT and PE. The Osler Institute, General Surgery Board Review Course, Seattle. February 29, 2008.
21. Mock Oral Exams. The Osler Institute, General Surgery Certification Board Review Course, Seattle. March 1, 2008
22. Vascular Disease in 2008: What we know and what we are doing. Maricopa Integrated Health System. Surgical Grand Rounds. Phoenix, Arizona. March 12, 2008.
23. The Role of Endovascular Therapies in the Management of Vascular Diseases: John M. Porter Memorial Lecture Series, Oregon Health & Science University. Portland, Oregon. April 12, 2008.

**Workshops:**

1. 6<sup>th</sup> UCLA Symposium: Endovascular Surgery for the Vascular Surgeon, Santa Monica,

California 2003.

2. Endografts for Complex Thoracic Aortic Pathology. Emory School of Medicine. Atlanta, Georgia. August 4-5, 2005.
3. Gore Thoracic Aortic Stent Graft Training Course. Phoenix, Arizona. November 6-7, 2006.
4. International Vein Congress. Miami, Florida. May 16-19, 2007.
5. Society Vascular Surgery, Women's Leadership Retreat. Scottsdale, Arizona. April 3-5, 2008.

## **SERVICE**

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### **Membership in Professional Societies:**

Society for Vascular Surgery  
Society for Interventional Radiology  
American College of Surgeons  
Association for Surgical Education  
Peripheral Vascular Society  
Pacific Northwest Vascular Society  
Oregon Medical Association

### **Editorial and Ad Hoc Review Activities:**

Invited Reviewer, World Journal of Surgery, 2007-present

### **Committees:**

#### **International/National**

Society for Vascular Surgery, Residency Program Development Committee 2008-present  
Society for Vascular Surgery, Resident and Student Outreach Committee 2008-present  
Association for Surgical Education, Simulation Center Committee 2008-present

#### **Institutional**

Medical School Admissions Sub-Committee 2006-present  
Woman in Academic Medicine Committee 2007-present  
Executive Surgical Education Committee 2007-present

**Community Service:**

Big Sisters of America. Denver, CO 1988-89  
Board Member, Association of Volunteers, The Children's Hospital. Denver, CO 1987-90  
Vice President of Community Education, Association of Volunteers, The Children's Hospital. Denver, CO 1988-89  
Volunteer Patient Representative, The Children's Hospital. Denver, CO 1988-90  
Volunteer, Denver General Hospital, Department of Emergency Medicine. Denver, CO 1989-90  
American Medical Research Exchange Foundation (AMREF) mission to Uganda 11/2004

**Clinical Responsibilities:**

1. Attending Surgeon for Vascular Surgery at OHSU & PVAMC with clinic, ward, and operative responsibilities
2. Attending Surgeon for the Dotter Institute, responsible for endovascular and interventional procedures
3. Attending Surgeon at the Center for Health and Healing vein clinic, responsible for endovenous laser ablation procedures
4. OHSU Vascular Lab interpretation
5. Director of the Vascular Surgery Skills Laboratory, responsible for program curriculum and resident education

**TEACHING**

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**Scholarship of Teaching:**

Curriculum Development

1. Vascular Skills Laboratory Course
2. Vascular Surgery for General Surgeons Lecture Series
3. Vascular Surgery ABSITE review course

Educational Conference Presentations

1. Tuesday Conferences: Vascular Surgery for General Surgeons Lectures
2. Wednesday Conferences: Vascular Surgery M&M and Journal Review
3. Saturday City Wide Vascular Conference

### **Educational Activity**

1. Transition to Clerkship Attending Supervisor 2007
2. Suturing Workshop Attending Instructor 2007
3. Surgical Clerkship Lecturer for the third year medical students 2007- present
4. Preceptor Principles of Clinical Medicine 2007-present
5. Preceptor Medical Student Core Surgical Clerkship
6. Scholar in the Education Leadership Initiative Program, School of Medicine, Oregon Health & Science University. April, 2008- March 2009.

### **Service and Membership of Educational Committees:**

1. Executive Surgical Education Committee 2007-present
2. Society for Vascular Surgery, Residency Program Development Committee 2008-present
3. Society for Vascular Surgery, Resident and Student Outreach Committee 2008-present

### **Honors and Awards for Education:**

1. Honor Roll. Colorado School of Mines. Golden, CO
2. Honor Roll. University of Colorado, School of Medicine. Denver, CO
3. Radiology Fellow Research Award. University of Colorado, Health Sciences Center. Denver, CO. 2006
4. Society for Vascular Surgery, Women's Leadership Retreat Award. 2008
5. Education Leadership Initiative Training Award. School of Medicine, Oregon Health & Science University. Portland, OR. 2008
6. American Vascular Association/Society for Vascular Surgery, E. J Wylie Travelling Fellowship Award. 2008