Nadine B. Semer, MD, MPH, FACS

Education

Harvard School of Public Health — Boston, MA
Master of Public Health, International Health — June 2008
Thesis: "The Role of Plastic Surgery in Global Health: The Challenges and Opportunities Involved with Providing Plastic Surgical Services in the Developing World.

University of Maryland School of Medicine — Baltimore, MD
MD — May 1986

University of Maryland, College Park — College Park, MD
Bachelor of Science, cum laude, Biochemistry — May 1982

Global Health

Consultant

Harvard Humanitarian Initiative — Democratic Republic of Congo, Aug 2010
- Assessment of Obstetric Fistula Programs in S Kivu Province

Love a Child Field Hospital — Haiti, March 2010
- Wound care, basic surgical care

Global Health Access Program — Thailand, Feb 1-8, 2010; Feb 1-12, 2009
- Taught emergency trauma techniques to medics working along the Thai/Burma border

African Medical Mission — Transkei, South Africa, 1995-2008
- Taught plastic surgery techniques to local medical practitioners during semi-annual month-long missions
- Performed surgery in collaboration with local providers
- Performed operations on ~30 patients during each trip for: acute traumatic injuries, chronic wounds, burn reconstruction and hand injuries.

Fulbright Specialist candidate — 2009
- Accepted for the Fulbright Specialist Program- currently awaiting placement opportunity

Author

Practical Plastic Surgery for Nonsurgeons — 2001
- Authored book and a companion website (www.practicalplasticsurgery.org)
- Promote knowledge transfer of plastic surgery techniques to areas without access to plastic surgeons

Basics of Wound Care — 2006
- Authored publication to educate international medical professionals working in under-resourced areas about wound care (www.global-help.org)

Plastic Surgery and Global Health: How Plastic Surgery Impacts the Global Burden of Surgical Disease. **JPRAS, 63: 1244-48** — 2010

Experience

Plastic Surgeon 1999- present
Partner 2005- present
Southern California Permanente Medical Group Bellflower, CA

- Spearheaded implementation of electronic medical records
- Chief, Quality Improvement Plastic Surgery Department
- Recipient, ***"Exceptional Physician Award"*** 2006

Volunteer Clinical Faculty 2004- 2007
Harbor UCLA Hospital: operated monthly with the UCLA plastic surgery residents

Volunteer Clinical Faculty 2000- 2003
University of Southern California, Division of Plastic Surgery: supervised USC plastic
surgery residents in their clinic

Plastic Surgeon Sept 1995-Oct 1998
Plastic and Reconstructive Surgery, P.C. York, PA

Publications

Lattie's Run of Discovery 2007
Children's picture book about rural South Africa, Trafford Press

Contributor: **Avoiding Common Surgical Errors,** 2005
ed. Marcucci, et al. Lippincott, Williams, & Wilkins

Basics of Wound Care 2006
Global-Help publications

Practical Plastic Surgery for Nonsurgeons 2001
Hanley & Belfus Medical Publishers

Journal Articles

Hughes, CD, Alkire B, Matin C, Semer N, Meara JG. "American Plastic Surgery and Global Health, A Brief History". Annals of Plastic Surgery published online Feb 2011.

Semer NB, Sullivan S, et al. "Plastic Surgery and Global Health: How Plastic Surgery Impacts the Global Burden of Surgical Disease". *Journal of Plastic, Reconstructive & Aesthetic Surgery*, 63: 1244-48, 2010.

Semer NB, Ho WC, et al. "Abdominal lipectomy: a prospective outcomes study". *Permanente Journal*, 12(2): 22-27, Spring 2008.

Semer N, Ellison J, et al: "Development and evaluation of a tobacco cessation motivational program for adolescents". *J Dent Hyg*, 79(4):9, Fall 2005.

Semer NB, Jones NF: "Compression Neuropathy of the Palmar Cutaneous Branch of the Median Nerve by the Antebrachial Fascia". *Journal of Hand Surgery*, 21B(5): 666-667, 1996.

Semer NB, Bartle BB: "Digital Pulley Reconstruction with Expanded PTFE Membrane at the Time of Tenorrhaphy in an Experimental Animal Model". *Journal of Hand Surgery*, 17A(3): 547-550, 1992.

Semer NB, Cuono CB, Goldberg NH: "Upper Extremity Entrapment Neuropathy in Patients Undergoing Hemodialysis". *The Journal of Hand Surgery*, 14(5): 897- 900, 1989.

Clinical Training

Plastic Surgery Resident, University of California, Los Angeles	July 1993- June 1995
General Surgery Resident University of Maryland Medical Center	July 1990- June 1993
	July 1987- June 1989
Research Fellow Division of Plastic and Reconstructive Surgery University of Maryland Medical Center	July 1989- June 1990
Medicine Intern University of Maryland Medical Center	July 1986- June 1987

Certification/Licensure

Fellow, American College of Surgeons	2001- present
Diplomat, American Board of Plastic Surgery, #5420	1998, recert 2006
Diplomat, American Board of Surgery, #38956	1994, recert 2002
California License G76757	1993- present

Presentations

Semer, N. "Vertical Scar Breast Reduction: Teaching an Old Dog a New Trick- Is It Worth It?". Presented at the Plastic Surgery Symposium, Kaiser Permanente, Dana Point, CA May 2005.

Semer, N. "Breast Reconstruction". Presented at the OB/GYN NP/CNM CE program "The Breast Care Continuum", Kaiser Permanente, Lakewood, CA March 2005.

Semer N, Walsh M, et al. "Combining Cosmetic Expertise and Special Effects Technology to Combat Teen Smoking". Poster presentation at the 70th Annual Meeting of the American Society of Plastic Surgeons, Orlando, Florida 2001.

Semer N, Walsh M, et al. "An Innovative Tobacco Cessation Program Aimed at Adolescents". Poster presentation at the 11th World Conference on Tobacco OR Health, Chicago, Illinois 2000.

Wong R, Semer NB: "Safety of Immediate Mastopexy Following Breast Implant Removal". The Southern California Chapter of the American College of Surgeons, Indian Wells, California 1995.

Disa JJ, SemerNB, Goldberg NH: "Isolation and Growth of Human Preadipocytes in Vitro and Their Potential for Growth When Transplanted in Vivo". The 77th Annual Meeting of the American College of Surgeons, Chicago, Illinois 1991.

Semer NB, Telepun GM: "Differences in Tendon Wound Healing Between Standard Repair and the New PTFE Wrapped Repair". The 1st Meeting of the Wound Healing Society, Galveston, Texas 1991.

Semer NB, Telepun GM: "Digital Pulley Reconstruction with Expanded PTFE Membrane at the Time of Tenorrhaphy". The 20th Annual Meeting of the American Association for Hand Surgery, Boston, Massachusetts 1990.

Telepun GM, Semer NB: "The Wrapped Flexor Tendon Repair: An Alternative Method of Tenorrhaphy Based on Microvascular Patterns of Flexor Tendon Healing". The 59th Meeting of the American Society of Plastic and Reconstructive Surgeons, Boston, Massachusetts 1990.

Semer NB, Cuono CB, Goldberg NH: "Upper Extremity Entrapment Neuropathy in Hemodialysis Patients". The 16th Meeting of the American Association for Hand Surgery, Los Angeles, California 1986.

Honors and Awards

Physicians' Exceptional Contribution Award, Southern California Permanente Medical Group 2005

The Plastic Surgery Educational Scholarship Contest, Investigator Category- awarded First Prize for "The Wrapped Flexor Tendon Repair: An Alternative Method of Tenorrhaphy Based On Microvascular Patterns of Flexor Tendon Healing" 1990

The American Association for Hand Surgery, 16th Annual Meeting, Resident's Essay Contest-awarded Best Presentation in the Clinical Science Category 1986

Community Service

Sally Ride Science Club™ Festival March 2003-present

Volunteer workshop presenter teaching middle-school aged girls about plastic surgery

Physicians for Human Rights Dec 2000- present

Death Penalty Focus

Board Member Nov 2006-2008

Volunteer- A nonprofit organization working to abolish the death penalty in California Sept 2004-2009

Venice Family Clinic 1999- 2006

Volunteer plastic surgeon 1994-1995

Doctors of the World 1997- 1998

examined people seeking asylum in the United States for signs of torture

Volunteer in Partnership Program 1991-1992

Math Tutor

Prince George's County Free Clinic

Member of the Board of Directors 1981-1982

Volunteer counselor/phlebotomist 1979-1982