

# Nadine B. Semer, MD, MPH, FACS

## Education

<b>Harvard School of Public Health</b> Master of Public Health, International Health Thesis: "The Role of Plastic Surgery in Global Health: The Challenges and Opportunities Involved with Providing Plastic Surgical Services in the Developing World."	Boston, MA June 2008
<b>University of Maryland School of Medicine</b> MD	Baltimore, MD May 1986
<b>University of Maryland, College Park</b> Bachelor of Science, cum laude, Biochemistry	College Park, MD May 1982

## Global Health

<b>Consultant</b> <i>Harvard Humanitarian Initiative</i> <ul style="list-style-type: none"><li>Assessment of Obstetric Fistula Programs in S Kivu Province</li></ul>	Democratic Republic of Congo, Aug 2010
<i>Love a Child Field Hospital</i> <ul style="list-style-type: none"><li>Wound care, basic surgical care</li></ul>	Haiti March 2010
<i>Global Health Access Program</i> <ul style="list-style-type: none"><li>Taught emergency trauma techniques to medics working along the Thai/Burma border</li></ul>	Thailand Feb 1-8, 2010 Feb 1-12, 2009
<i>African Medical Mission</i> <ul style="list-style-type: none"><li>Taught plastic surgery techniques to local medical practitioners during semi-annual month-long missions</li><li>Performed surgery in collaboration with local providers</li><li>Performed operations on ~30 patients during each trip for: acute traumatic injuries, chronic wounds, burn reconstruction and hand injuries.</li></ul>	Transkei, South Africa 1995-2008
<i>Fulbright Specialist candidate</i> <ul style="list-style-type: none"><li>Accepted for the Fulbright Specialist Program- currently awaiting placement opportunity</li></ul>	2009
<b>Author</b> <i>Practical Plastic Surgery for Nonsurgeons</i> <ul style="list-style-type: none"><li>Authored book and a companion website (<a href="http://www.practicalplasticsurgery.org">www.practicalplasticsurgery.org</a>)</li><li>Promote knowledge transfer of plastic surgery techniques to areas without access to plastic surgeons</li></ul>	2001
<i>Basics of Wound Care</i> <ul style="list-style-type: none"><li>Authored publication to educate international medical professionals working in under-resourced areas about wound care (<a href="http://www.global-help.org">www.global-help.org</a>)</li></ul>	2006
<i>Plastic Surgery and Global Health: How Plastic Surgery Impacts the Global Burden of Surgical Disease. JPRAS, 63: 1244-48</i>	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

Plastic and Reconstructive Surgery, P.C.

1998

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

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

## Certification/Licensure

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|--|-------------------|
| 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 70<sup>th</sup> 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 11<sup>th</sup> 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 77<sup>th</sup> 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 1<sup>st</sup> 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 20<sup>th</sup> 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 59<sup>th</sup> 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 16<sup>th</sup>

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 1990

Prize for "The Wrapped Flexor Tendon Repair: An Alternative Method of Tenorrhaphy Based

On Microvascular Patterns of Flexor Tendon Healing"

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

**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