

## CURRICULUM VITAE

**Name** Michael A. Howard, MD

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Division of Plastic and Reconstructive Surgery  
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**Academic Appointment** Assistant Professor of Surgery  
Northwestern University Feinberg School of Medicine

**Education**

1989-1993	Illinois Wesleyan University, Bloomington, Illinois Bachelor of Arts, <i>cum laud</i>
1993-1997	Emory University School of Medicine, Atlanta, Georgia Doctor of Medicine

**Professional Training**

1997 – 2003	Integrated Plastic Surgery Residency Georgetown University, Washington, D.C. Dr. Scott Spear, Program Director
2003 – 2004	Microsurgery/Breast Surgery Fellowship Memorial Sloan-Kettering Cancer Center, New York, NY Dr. Peter Cordeiro, Division Chief

**Medical Licensure**

State of Illinois	036-112806
State of New York	228884, Inactive
District of Columbia	MD 31617, Inactive
Commonwealth of Virginia	0101058514, Inactive

**Honors and Awards**

2005	Best Clinical Paper, Resident/Fellow Competition 21 <sup>st</sup> Annual Meeting of the Northeastern Society of Plastic Surgeons
2003	Alpha Omega Alpha, Georgetown University

2003 Resident Teacher of the Year  
Division of Plastic Surgery, Georgetown University  
1996 Walter H. Lemmond Award, Sigma Pi Fraternity International  
1993 Byron R. Lewis International Award Nominee, Epsilon Gamma Chapter,  
Sigma Pi Fraternity International  
1990 Beta Beta Beta National Biological Honor Society,  
Illinois Wesleyan University  
1990 Phi Eta Sigma, Freshman Academic Honorary Society  
Illinois Wesleyan University

### **Professional Societies**

2005 American Society of Plastic Surgeons  
2005 Chicago Society of Plastic Surgeons

### **Research Grants**

2008 Principle Investigator  
ENH Breast Program Concept/Pilot Award  
The Auxiliary of Evanston Northwestern Healthcare  
\$50,000

### **Current Research**

The Prospective Study of Nipple-Sparing Mastectomy: Oncologic and Reconstructive Outcomes  
Principle Investigator  
IRB# EH08-094

The establishment and maintenance of a comprehensive data registry for breast surgeries.  
Co-Investigator  
IRB# EH88-077

Microsurgery laboratory for instruction of surgical technique and resident education.  
Co-Principle Investigator  
IRB# EH03-351.

MemoryGel Implant Post-approval Study Protocol #P030053  
Principle Investigator  
IRB# EH07-099

### **Scholarly Activity**

## Scientific Papers/Publications

Mindea, SA, Kaplan, K, **Howard, MA** and O'Leary, ST. Granular cell tumor involving the axillary nerve: an unusual occurrence. *Neurosurgical Focus*. 22(6):E24, 2007.

Kryger ZB, Dumanian GA and **Howard, MA**. Safety issues in combined gynecologic and plastic surgical procedures. *Int J Gynecol. Obstet*. 9: 257-263. 2007.

Schmid, DB, Rosenberg, DS, Merkel, DE and **Howard, MA**. Current systemic treatment of breast cancer: implications for the plastic and reconstructive surgery. *Plastic and Reconstructive Surgery*. Submitted for publication, October 2007.

**Howard, MA**, Polo, K, Hidalgo, DA, Pusic, AL, Cordeiro, PG, Hidalgo, DA, Mehrara, PG, and Disa, JJ. Breast Cancer Local Recurrence after TRAM Reconstruction: Incidence and Treatment Options. *Plastic and Reconstructive Surgery*. 117(5):1381, 2006.

**Howard, MA** and Mehrara, B. Emerging Trends in Microsurgical Breast Reconstruction: Deep Inferior Epigastric Artery Perforator (DIEP) and the Superior Gluteal Artery Perforator (SGAP) Flaps. *International Journal of Surgery*. 3: 53, 2005.

**Howard, MA**, Cordeiro, PG, Disa, J, Samson, W, Gonen, M, Schoelle, RN, and Mehrara, B. Free tissue transfer in the elderly: incidence of peri-operative complications following microsurgical reconstruction of 197 septuagenarians and octogenarians. *Plastic and Reconstructive Surgery*. 116(6): 1659, 2005.

Kilgo, MS, **Howard, MA**, Kaplan, G, Rabbani, F, Scardino, PT, and Cordeiro, PG. Evaluation of genitofemoral nerve donor site morbidity after radical prostatectomy. *Annals of Plastic Surgery*. 55: 57, 2005.

**Howard, MA**, Polo, K, Hidalgo, DA, Cordeiro, PG, Mehrara, PG, and Disa, JJ. Breast Cancer Local Recurrence after TRAM Reconstruction: Incidence and Treatment Options. *Plastic Surgery Forum*. 2004.

**Howard, MA**, Attinger, CE, Venturi, ML, and Cooper, P. The Role of the V.A.C. and Soft Tissue Reconstruction Around the Ilizarov External Fixator In Charcot Foot And Ankle Defects. (In Press).

Cooper, PS, Shawen, S, **Howard, MA**, O'Rielly, M, and Ludden, M. Application of external fixators for management of charcot deformities of the foot and ankle. *Foot & Ankle International*. (In press).

Spear, SL, **Howard, MA**, Boehmler, JH, Ducic, I, Low, M, and Abbruzzese, MR. The infected or exposed breast implant: management and treatment strategies. *Plastic and Reconstructive Surgery*. 113: 1634, 2004.

**Howard, MA**, Davison, SP, and Piorkowski, JR. Iliac crest donor defect: Avoiding the limp. *Plastic and Reconstructive Surgery*. 113: 659, 2004.

Hess, CL, **Howard, MA**, Attinger, CE. A review of mechanical adjuncts in wound healing: hydrotherapy, ultrasound, negative pressure therapy, hyperbaric oxygen and electrostimulation. *Annals of Plastic Surgery*. 51: 210, 2003.

Spear, SL and **Howard, MA**. Vertical reduction mammoplasty: past, present, and future. *Plastic and Reconstructive Surgery*. 112: 855, 2003.

**Howard, MA**, Lee, C, and Dellon, AL. Documentation of brachial plexus compression (in the thoracic inlet) utilizing provocative neurosensory and muscular testing. *Journal of Reconstructive Microsurgery*. 19: 303, 2003.

Spear, SL, Slack, C, and **Howard, MA**. Post-mastectomy reconstruction of the previously augmented breast. *Plastic and Reconstructive Surgery*. 107:1167, 2001.

### **Book Chapters**

Spear, SL and **Howard, MA**. "Breast Reconstruction in Previously Augmented Patients" in *Surgery of the Breast: Principles and Art*. 2<sup>nd</sup> Edition. Chapter 63. Lippincott Williams & Wilkins, 2006

### **Presentations**

"Free tissue transfer in the elderly: incidence of peri-operative complications following microsurgical reconstruction of 197 septuagenarians and octogenarians." Northeastern Society of Plastic Surgeons. Naples, Florida, January 2005.

"Breast Cancer Local Recurrence After TRAM Reconstruction." American Society of Plastic Surgeons. Philadelphia, Pennsylvania, October 2004.

"Breast Cancer, Mammography & the Augmented Patient" Georgetown Plastic Surgery Grand Rounds, June 2003.

"Soft Tissue Reconstruction During External Fixation for Charcot Foot and Ankle Disorders." American Society for Reconstructive Microsurgery, January 2003.

"Salvage of the Infected or Exposed Breast Implant: A Management and Treatment Algorithm." Poster Presentation, American Society of Plastic Surgeons, San Antonio, Texas, November 2002.

"Soft Tissue Reconstruction During External Fixation for Charcot Foot and Ankle Disorders." Northeastern Society of Plastic Surgeons, October 2002.

“Vertical Reduction Mammoplasty – Should you be doing it?” Georgetown Plastic Surgery Grand Rounds, February 2002.

“Diagnosis and Documentation Before and After Neurolysis and Scaleneotomy for Brachial Plexus Compression (TOS).” American Society for Peripheral Nerve, Cancun, Mexico, January 2002.

“VAC Apparatus for Wound Closure in the Trauma Patient.” Critical Care Forum Lecture, Inova Fairfax Hospital, August, 2001.

“Breast Reconstruction in the Previously Augmented Patient.” American Society of Plastic and Reconstructive Surgeons, Boston, Massachusetts, October 1998.

### **Local Presentations**

“Breast Augmentation and Mammography: An Update” Division of Plastic Surgery Grand Rounds, Northwestern University, December 2005

“Complex Wound Management: Current Strategies in Evaluation, Treatment and Prevention”, Northbrook, IL, November 10, 2005

“Plastic Surgery: Past, Present, & Future.” Glenview Park District Senior Center, October 12, 2005

“Free tissue transfer in the elderly: incidence of peri-operative complications following microsurgical reconstruction of 197 septuagenarians and octogenarians.” Division of Plastic Surgery Grand Rounds, Northwestern University, May 2005

“Current Concepts in Wound Care.” Division of Obstetrics & Gynecology Grand Rounds, Evanston Northwestern Healthcare, May 2005

### **Educational Courses/Symposia Attended**

The VAC® Educational Seminar, San Antonio, TX, January 2006