

# Curriculum Vitae

## Jesse A. Taylor, MD

### Work Address:

3333 Burnet Ave  
ML 2020  
Cincinnati, OH 45229

### Professional Experience

2007-Present      Assistant Professor  
Division of Plastic and Reconstructive Surgery  
Department of Surgery  
University of Cincinnati and Cincinnati Children's Hospital  
Cincinnati, OH

### Education and Training

2006-2007      Craniofacial and Aesthetic Surgery Fellowship  
Dr. Manuel Gea Gonzalez Hospital  
Mexico City, Mexico

2004-2006      Fellow, Plastic Surgery  
Johns Hopkins Hospital and University of Maryland  
Baltimore, Maryland

2001-2004      Resident, General and Plastic Surgery  
Johns Hopkins Hospital and University of Maryland  
Baltimore, Maryland

2000-2001      Intern, General Surgery  
The Johns Hopkins Hospital  
Baltimore, Maryland

2000              Doctor of Medicine  
Vanderbilt University  
Nashville, Tennessee

1996              Bachelor of Arts  
Washington and Lee University  
Lexington, Virginia

### Honors and Awards

2006              AO Extended Fellowship in Craniofacial Surgery Grant Recipient

2005              AO/ASIF Educational Travel Grant Recipient

2005              Best Research Presentation Award, ASRM Annual Meeting

- 2004 Cleft Surgery Humanitarian Award, University of Maryland  
Division of Plastic and Reconstructive Surgery
- 2000 Vanderbilt University School of Medicine Vice-President
- 1996 Rhodes Scholarship Finalist
- 1996 All-American Scholar Athlete in Tennis
- 1994-96 Captain, Washington and Lee Men's Tennis Team

## **International Surgical Service**

- 2007 Cleft/CF Trip with Drs. Molina and Ortiz-Monasterio  
San Pedro Sula, Honduras
- 2005 Cleft Trip with Operation Luz de Sol  
La Romana, Dominican Republic  
Trip Coordinator: Dr. William Little
- 2004 Cleft Trip with Healing the Children  
Santa Marta, Colombia  
Trip Coordinator: Dr. Nelson Goldberg

## **Laboratory Research Experience**

- 2005 "Anti-platelet effects of Glycoprotein IIb/IIIa inhibitors in a  
Microsurgical rat model"  
Principle Investigator: Dr. Ronald P. Silverman
- 1999 "Effect of thermal injury on the neutrophil actin cytoskeleton"  
Principle Investigator: Dr. Lillian Nanney
- 1997 "Role of complement in hyperacute rejection of porcine lung  
xenograft"  
Principle Investigator: Dr. Richard N. Pierson, III
- 1995 "Creating a novel organic macrocycle for the delivery of  
Gadolinium"  
Principle Investigator: Dr. Erich Uffelman

## **Presentations**

- September 13, 2007 New Horizons in Aesthetic Surgery  
**Taylor JA**  
Night of Beauty  
Cincinnati, OH

- September 12, 2007 Cranial Vault Reconstruction  
**Taylor JA**  
U of Cincinnati Combined PRS, OMFS, ENT Grand Rounds  
Cincinnati, OH
- September 7, 2007 Advances in Distraction Osteogenesis: Hemifacial Microsomia  
**Taylor JA, Ortiz-Monasterio F**  
Tristate Craniofacial Symposium  
Louisville, KY
- August 24, 2007 Hemifacial Microsomia: Case Series and Treatment Protocol  
**Taylor JA, Morales C, Molina F, Ortiz-Monasterio F**  
International Society of Craniofacial Surgery XIIth Meeting  
Salvador, Brazil
- May 21, 2007 Major Facial Clefts: Case Series and Treatment Philosophy  
Ortiz-Monasterio F, **Taylor JA**  
American Association of Plastic Surgeons  
Coer d'Alene, ID
- April 15, 2007 Fisuras Faciales: Un algoritmo de Tratamiento  
**Taylor JA**  
Honorary Meeting of the President and First Lady of Honduras  
San Pedro Sula, Honduras
- January 27, 2007 The True Monobloc with Distraction osteogenesis  
in patients with Couzon Syndrome  
**Taylor JA**  
The Reunion of Residents trained by Dr F.O.M.  
Mexico City, MX
- April 20, 2006 Adult Cranioplasty  
**Taylor JA**  
Johns Hopkins Hospital Division of Plastic and Reconstructive  
Surgery Grand Rounds  
Baltimore, MD
- January 27, 2006 The Dominican Cleft Experience  
**Taylor JA**  
Johns Hopkins Hospital Division of Plastic and Reconstructive  
Surgery Grand Rounds  
Baltimore, MD
- January 15, 2006 Titanium Mesh Cranioplasty and Fasciocutaneous Free Tissue  
Transfer for Cranial Vault Reconstruction: A Follow Up  
**Taylor JA, Manson PN, Rodriguez ED, Singh NK**  
American Society for Reconstructive Microsurgery  
Tucson, AZ

- January 14, 2006      Banking a Hemi-Abdominal DIEP Flap: Case Series and Economic Model  
**Taylor JA**, Rosson GD, Singh NK  
American Society for Reconstructive Microsurgery  
Tucson, AZ
- January 14, 2006      Effect of the Glycoprotein IIb/IIIa Inhibitor Tirofiban (Aggrastat) on Microsurgical Anastomotic Thrombosis  
**Taylor JA**, Chung TL, Pumplun DW, Holton LH, Rodriguez ED, Silverman RP  
American Society for Reconstructive Microsurgery  
Tucson, AZ
- Sept 8, 2005          Nasal Reconstruction in the New Millennium  
**Taylor JA**  
Johns Hopkins Hospital Division of Plastic and Reconstructive Surgery Grand Rounds  
Baltimore, MD
- May 5, 2005          Functional Free Muscle Transfer  
**Taylor JA**  
Johns Hopkins Hospital Division of Plastic and Reconstructive Surgery Grand Rounds  
Baltimore, MD
- Feb 21, 2005          Titanium Mesh Cranioplasty and Fasciocutaneous Free Tissue Transfer For Cranial Vault Reconstruction  
**Taylor JA**, Manson PN, Singh NK  
AO Advances in Craniofacial Surgery  
Whistler, BC
- Jan 16, 2005          Neurotized Free TFL for Abdominal Wall Reconstruction: Case series and animal model  
**Taylor JA**, Williams JZ, Silverman R, Holton LH, Singh NK  
Winner, Best Research Presentation Award  
American Society of Reconstructive Microsurgery  
Fajardo, Puerto Rico
- Jan 16, 2005          Robot Assisted Microvascular Surgery  
Singh NK, Katz RD, **Taylor JA**, Rosson GD  
American Society of Reconstructive Microsurgery  
Fajardo, Puerto Rico
- Jan 6, 2005          Santa Marta, Colombia: 3<sup>rd</sup> World Cleft Surgery  
**Taylor JA**  
Johns Hopkins Hospital Division of Plastic and Reconstructive Surgery Grand Rounds  
Baltimore, MD

- Sept 30, 2004      What Works for Obesity  
**Taylor JA**  
Johns Hopkins Hospital Division of Plastic and  
Reconstructive Surgery Grand Rounds  
Baltimore, MD
- Sept 18, 2004      Computer assisted Microvascular Craniofacial Surgery  
Singh NK, **Taylor JA**, Rosson GD, Katz RD  
2nd Symposium of Computer Assisted Surgery of the Head and  
Neck  
Bern, Switzerland
- April 1, 2004      Microtia and Auricular Reconstruction  
**Taylor JA**  
Johns Hopkins Hospital Division of Plastic and  
Reconstructive Surgery Grand Rounds  
Baltimore, MD
- May 17, 2003      Body Contouring after Massive Weight Loss  
**Taylor JA**, Shermak MA  
American Society for Aesthetic Plastic Surgery Meeting  
Boston, MA.
- March 6, 2003      Physiology and Practice of Microsurgery  
**Taylor JA**  
Johns Hopkins Hospital Division of Plastic and  
Reconstructive Surgery Grand Rounds  
Baltimore, MD

## **Publications**

### **Books**

1. **Taylor JA**, ed. Blueprints Plastic Surgery. Blackwell Science, Inc. Malden, MA. 2005.

### **Book Chapters**

**Taylor JA**, Singh NK. *Cranial Vault Reconstruction*. In Ehrenfeld, Manson, Prein, AO Principles of Internal Fixation of the Craniomaxillofacial Skeleton. AO Publishing. Bern, Switzerland. In press.

Molina FM, **Taylor JA**. *The Hypoplastic Mandible*. In Persing J, *Craniofacial Surgery*. In Press.

Molina FM, **Taylor JA**, Ramirez DL. *Distraction Osteogenesis of the Cranial Vault*. In Weinstein J, Plastic Surgery Secrets. In press.

Ortiz-Monasterio F, **Taylor JA**. *Craniofacial Clefts*. In Losee J *Comprehensive Cleft Care*. In press.

**Taylor JA**. *Wound Healing*. In **Taylor JA**, Blueprints Plastic Surgery. Blackwell Publishing. Malden, MA. 2005.

**Taylor JA.** *Thermal and Chemical Injuries.* In **Taylor JA,** Blueprints Plastic Surgery. Blackwell Publishing. Malden, MA. 2005.

Hahm TX and **Taylor JA.** *Craniofacial Surgery.* In **Taylor JA,** Blueprints Plastic Surgery. Blackwell Publishing. Malden, MA. 2005.

Sen SK and **Taylor JA.** *Hand and Upper Extremity.* In **Taylor JA,** Blueprints Plastic Surgery. Blackwell Publishing. Malden, MA. 2005.

**Taylor JA.** *Aesthetic Surgery.* In **Taylor JA,** Blueprints Plastic Surgery. Blackwell Publishing. Malden, MA. 2005

## **Peer-Reviewed Publications**

Katz RD, **Taylor JA,** Rosson G, Brown PR, Singh NK. Robotics in plastic and reconstructive surgery: Use of a telemanipulator slave robot to perform microvascular anastomoses. *J Reconstr Microsurg.* 2006 Jan;22(1):53-7

Katz RD, Rosson GD, **Taylor JA,** Singh NK. Robotics in microsurgery: use of a surgical robot to perform a free flap in a pig. *Microsurgery.* 2005;25(7):566-9.

**Taylor JA,** Shermak MA. Body Contouring after Massive Weight loss. *Obes Surg.* 2004 Sep;14(8):1080-5.

Chung TL, Pumplin DW, Holton LH, Rodriguez ED, **Taylor JA,** Silverman RP. Effect of the Glycoprotein IIb/IIIa Inhibitor Tirofiban (Aggrastat) on Microsurgical Anastomotic Thrombosis. Accepted by *Plastic and Reconstructive Surgery* March 2006.

**Taylor JA,** Katz RD, Singh NK. A Novel Approach to Microvascular anastomosis: Use of the U-clip for Microvascular Repair. Accepted by *Microsurgery* September 2006.

Molina FM, Morales C, **Taylor JA.** Distraction Osteogenesis in a patient with Melnick-Needles Syndrome. Accepted by the *Journal of Craniofacial Surgery* July 2007.

Flores SF, Molina FM, **Taylor JA,** Lesvia OA. Videofluoroscopy for the analysis of the Temporomandibular joint. Accepted by the *Journal of Craniofacial Surgery* August 2007.

**Taylor JA,** Felemovicus JH. The Gull-Wing conchal graft for Alar Reconstruction. Publication in Progress

Felemovicus JH, **Taylor JA.** Single-stage Reconstruction of The Long Face Syndrome. Publication in Progress.

**Taylor JA,** Ortiz-Monasterio F. Craniofacial Clefts: Case Series and Treatment Philosophy. Publication in Progress.

**Taylor JA,** Ortiz-Monasterio F. Hemifacial Microsomia: Case Series and Treatment Protocol. Publication in Progress.