

CURRICULUM VITAE

Erik S. Marques, M.D., F.A.C.S.

September 29, 2020

PRESENT TITLE: Associate Professor of Surgery
Division of Plastic Surgery

OFFICE ADDRESS: The University of Texas Medical School at Houston
Department of Surgery, Division of Plastic Surgery
6410 Fannin Street, Suite 1400, Rm 14.22
Houston, Texas 77030
713/500-7181
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CLINIC ADDRESS: UT Physicians
6410 Fannin St., Ste. 1400
Houston, TX 77030
832/325-7181

Harris County Hospital District Clinic
Lyndon B. Johnson (LBJ) General Hospital
5656 Kelley Street
Houston, TX 77026
713/566-4579

BIRTHDATE: June 2, 1967

CITIZENSHIP: United States

UNDERGRADUATE EDUCATION:

BA in Biological Sciences, 1985-1989
Cornell University
College of Arts and Sciences
Ithaca, New York

GRADUATE EDUCATION:

Doctorate of Medicine, 1990-1994
University of Medicine and Dentistry of New Jersey
New Jersey Medical School
Newark, New Jersey

POSTGRADUATE TRAINING:

Intern, General Surgery, 1994-1995
Resident, General Surgery, 1995-1999
St. Barnabas Medical Center
Department of Surgery
Livingston, New Jersey

Resident, Plastic Surgery, 1999-2001
The University of Texas Medical School at Houston
Division of Plastic and Reconstructive Surgery
Houston, Texas

Fellow, Hand and Microsurgery, 2001-2002
Yale University School of Medicine
Department of Surgery, Section of Plastic Surgery
New Haven, Connecticut

ACADEMIC AND ADMINISTRATIVE APPOINTMENTS:

Assistant Professor of Surgery, 2002-2015
Department of Surgery, Plastic and Reconstructive Surgery
The University of Texas Medical School at Houston

Associate Professor of Surgery, 2015-Present
Department of Surgery, Plastic and Reconstructive Surgery
The University of Texas Medical School at Houston

Associate Director, July 2012–August 2013
Plastic Surgery Residency Training Program
The University of Texas Medical School at Houston

Program Director, September 1, 2013-Present
Plastic Surgery Residency Training Program
The University of Texas Medical School at Houston

HOSPITAL APPOINTMENTS:

Attending Physician
Memorial Hermann Hospital (MHH) – Texas Medical Center (TMC)
Houston, TX

Attending Physician
Lyndon B. Johnson General Hospital (Harris Health System)
Houston, TX

LICENSURE:

Texas Medical Board, # L5035

CERTIFICATIONS:

American Board of Surgery
Initial Certification, General Surgery #45362, June 2000

American Board of Plastic Surgery
Board Certified, Plastic Surgery #6589, November 2003
Maintenance of Certification (MOC-PS), June 2012

American Board of Plastic Surgery
Certificate of Added Qualifications in the Subspecialty of Surgery of the Hand
#591, August 2007
Recertification in the Subspecialty of Surgery of the Hand, #591, September
2017

PROFESSIONAL ORGANIZATIONS:

Local

Harris County Medical Society, 2003–Present

Houston Society of Plastic Surgeons, 2008–Present

Treasurer: 2008-2009
Secretary: 2009-2010
President-Elect: 2010-2011
President: 2011-2012

Regional

Texas Society of Plastic Surgeons (TSPS), 2003–Present
American College of Surgeons - South Texas Chapter, 2007–2012
Texas Medical Association, 2003–Present

National

American College of Surgeons (ACS), 2005–Present
American Society of Plastic Surgeons (ASPS), 2005–Present
American Society for Reconstructive Microsurgery (ASRM), 2003-Present
American Council of Academic Plastic Surgeons (ACAPS), 2013-Present
American Association of Hand Surgery (AAHS), 2017-Present

HONORS AND AWARDS:

Outstanding Research Project, Certificate of Recognition from the Dean, New
Jersey Medical School, 1991

Achievement Award, Second-Highest Score, American Board of Surgeons In-Training Examination, Saint Barnabas Medical Center, 1997

Achievement Award, Highest Score, American Board of Surgeons In-Training Examination, Saint Barnabas Medical Center, 1998

Francis C. Nance Award, Saint Barnabas Medical Center, 1999

Five-year Service Award, The University of Texas Health Science Center, 2008

Fox Award, Best Member Paper, Texas Society of Plastic Surgeons, 2010

Ten-year Service Award, The University of Texas Health Science Center, 2013

International Visiting Scholar, Chang Gung Memorial Hospital, Department of Plastic and Reconstructive Surgery, Linkou, Taiwan, August 5-16, 2013.

Fifteen-year Service Award, The University of Texas Health Science Center at Houston, 2018

2019-2020 Faculty Teacher of the Year Award, Division of Plastic Surgery, The University of Texas Health Science Center at Houston, June 2020.

SERVICE ON UT MEDICAL SCHOOL COMMITTEES:

Interviewer, Admissions Committee, 2002-2008

Faculty Compensation Committee, 2007-2013

Student Evaluation and Promotion Committee 2018-present

SERVICE ON UT MEDICAL SCHOOL AFFILIATED HOSPITAL COMMITTEES:

Plastic Surgery Service Committee, Memorial Hermann Hospital-TMC,
2002-Present

Operating Room Committee, LBJ General Hospital, 2004–Present

Medical Staff Services Committee, Memorial Hermann Hospital-TMC,
2007-2015

Transfer Committee, Memorial Hermann Hospital-TMC, 2007–2015

National Surgical Quality Improvement Program (NSQIP)-Surgeon Champion,
Memorial Hermann Hospital-TMC, 2017-2018

Clinical Programs Committee (Surgery Subcommittee), Memorial Hermann
Physician Network, 2019-present

SERVICE ON NATIONAL ORGANIZATIONS:

ASPS EdNet Editorial Subcommittee (Hand/Peripheral Nerve Work Group), American Society of Plastic Surgeons, 2018-present.

In-Service Examination Committee (Hand Subcommittee), American Society of Plastic Surgeons, 2018-present.

Resident Curriculum Development Committee, American Society of Plastic Surgeons, 2019-present.

SERVICE TO THE COMMUNITY:

Organ Procurement with the New Jersey Organ and Tissue Sharing Network, 1997-1999

National Youth Leadership Foundation, High School Student Shadowing Experience, UT-Houston Medical School, 2003

Marques E. *Microvascular Reconstruction and Work-Related Injuries* Continuing Education Rounds. Work Ready Rehabilitation Services/Houston, TX May 2003

Marques E. *Vascular Disorders of the Hand* Continuing Education Rounds – Work Ready Rehabilitation Services, Houston, TX, April 2004

Harris County Medical Society D-Tag Program Tattoo Removal, Physician Volunteer, October 2006 – 2009

Billet Parent, Sugar Land Imperials (Tier 3 NA3HL hockey team) 2013-2016

Pet Connect Rescue, Inc., Volunteer, 2017-present.

INTERNATIONAL MEDICAL MISSIONS:

Cleft Lip/Cleft Palate Reconstruction, Austin Smiles Medical Mission, June 2-8, 2001

Hand Reconstructive Surgery, Interplast Medical Mission, San Pedro Sula, Honduras, March 9-16, 2002

CURRENT TEACHING RESPONSIBILITIES:

Supervise Plastic & Reconstructive Surgery residents, 2002 – Present

Prepare and present didactic lectures (Hand and Microsurgery Journal Club, Hand Conference, Indications Conference, Grand Rounds, Mock Oral Exams, Board Reviews, In-Service Reviews, etc.), 2002 - Present

Mentor Yr3 and Yr4 medical students elective in plastic surgery, 2003 - Present

Mentor Family & Community Medicine residents, Plastic Surgery Clinic (LBJ), one resident/month, October 2012 – present.

PAST TEACHING ACTIVITIES, UTMS:

Faculty Volunteer, Suturing Lab Sessions, Student Surgical Association, 2004 – 2009

Faculty Coordinator, Emergency Medicine Rotation on Plastic Surgery Service, 2002 – 2011

Co-Director, Suturing Skills Laboratory, Medical Student Surgery Clerkship, 2003 – 2006

Introduction to Plastic Surgery, 3rd Year Medical Student General Surgery Clerkship Lecture Series (presented every 2 months to Clerkship students), August 13, 2003 – 2008

Clinical Medical Student Preceptorship Program, 2003 – 2007

Faculty Volunteer, Medical Student Summer Research Elective, summer 2005

Preceptor, Joint Admission Medical Program (JAMP), 2008 and 2009

Plastic Surgery Mock Written In-Service Exam, January 2009

Yr3 Medical Students, Plastic Surgery Lecture, 2003 – 2007

Plastic Surgery Hand Clinic for Physical Medicine & Rehabilitation Residents, one resident per trimester, 2009 – 2011

CLINICAL RESPONSIBILITIES:

Outpatient:

UT Physicians Clinic
One day per week, ~10 patients per week

Harris County Hospital District (LBJ) Clinic
One day per week, ~40-45 patients per week

Operating Room:

Total # of cases: ~40

~15 cases/month, 5 outpatient, 10 inpatient, Memorial Hermann Hospital
~25 cases/month, 20 outpatient, 5 inpatient, LBJ Hospital

On-Call Responsibilities:

LBJ General Hospital
Facial Trauma Call, 2 months/year
General Plastic Surgery Call, 6 months/year
Hand/Microsurgery Call, 3 months/year

Memorial Hermann Hospital-TMC
General Plastic Surgery Call, ~6 weeks/year
Hand/Microsurgery Call, ~2-3 weeks/year

Surgeries:

Hand Trauma-Replantation, Microvascular Surgery, Breast Reconstruction, and
Elective Hand Surgery

ADMINISTRATIVE RESPONSIBILITIES:

Responsible for administration and functioning of plastic surgery training program
at the University of Texas Health Science Center at Houston (McGovern Medical
School) in accordance with ACGME guidelines.

PUBLICATIONS:

A. Abstracts

Marques E., Phillips P. Teleconsultation Utilizing a Digital Camera Phone for
Plastic Surgery Hand Emergencies, Plastic and Reconstructive Surgery. Abstract
Supplement. 118(4) Supplement: 159, 2006.

Marques E., Chen T.M. Developing a Microsurgery Program at a County
Hospital: The Initial 4 Year Experience. Plastic and Reconstructive Surgery.
Abstract Supplement. 120(4): 115, 2007.

B. Refereed Original Articles in Journals

Fine BP, **Marques ES**, Hansen KA. Calcium Activated Sodium and Chloride
Fluxes Modulate Platelet Volume: Role of Ca²⁺ Stores. American Journal of
Physiology 267:C1435-C1441, 1994. PMID: 7977704

Stephens N., **Marques E.**, Livingston C. Anomalous Flexor Digitorum
Superficialis Muscle Belly Presenting As a Mass Within the Palm. The Canadian
Journal of Plastic Surgery 15:44, 2007. PMID: 19554131

Marques E. Images for Surgeons—Ulnar Artery Thrombosis: Hypothenar
Hammer Syndrome. Journal of the American College of Surgeons 206(1):

188, 2008. PMID: 18155587

Dean RA, Fleming SI, Zvavanjanja RC, **Marques ES**, Greives MR. Congenital aneurysm of the palmar digital artery: A case report and literature review. *Radiol Case Rep.* 2018 Oct 23;14(1):83-87. PMID: 30377454

Masoomi H, Fairchild B, **Marques ES**. Frequency and Predictors of 30-Day Surgical Site Complications in Autologous Breast Reconstruction Surgery. *World J Plast Surg.* 2019 May;8(2):200-207. PMID: 31309057

Masoomi H, Blumenauer BJ, Blakkolb CL, **Marques ES**, Greives MR. Predictors of blood transfusion in autologous breast reconstruction surgery: A retrospective study using the nationwide inpatient sample database. *J Plast Reconstr Aesthet Surg.* 2019 Oct;72(10):1616-1622. PMID: 31331721

Marques E, Bordoni B. Anatomy, Shoulder and Upper Limb, Ulnar Artery. StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2019 Jan-. 2019 Sep 15. PMID: 31536226

Masoomi H, Greives MR, Cantor AD, **Marques ES**. Effect of Anemia in Postoperative Outcomes of Autologous Breast Reconstruction Surgery. *World J Plast Surg.* 2019 Sep;8(3):285-292. PMID: 31620328

Marques E, Maiorino EJ, Tallackson Z, Masoomi H. Self-amputation of the Upper Extremity: A Case Report and Review of the Literature. *Cureus.* 2019 Oct 7;11(10): e5858. PMID: 31763081

Marques E, Chen TM. Actinic Keratosis. StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 Jan. 2020 Apr 22. PMID: 32491333

Melissinos EG, Maiorino EJ, **Marques ES**. Use of the Adductor Magnus Muscle Free Flap for Lower Extremity Soft Tissue Coverage: An Alternative to the Gracilis Muscle Flap with Unfavorable Vascular Anatomy. *Ann Plast Surg.* 2020 Jun 11. Online ahead of print. PMID: 32541539

C. Other Professional Communications

Presentations

Presentations as Hand and Microsurgery Fellow, Yale University

Marques E. *Brachial Plexus Injuries*, Plastic Surgery Hand Conference, August 29, 2001

Marques E. *Hand Therapy*, Plastic Surgery Hand Conference, February 13, 2002

Marques E, Waitze S, Thomson JG. *Thumb Abduction Strength in Patients with Carpal Tunnel Syndrome*, Research Presentation, Yale Plastic Surgery Resident Research Day, May 22, 2002

Marques E. *Vascular Disorders of the Hand and Upper Extremity*, Plastic Surgery Grand Rounds, May 29, 2002

Barton R, **Marques E**, Thomson JG. *Ulnar Nerve Gliding and Stretching*, Research Presentation, Yale Plastic Surgery Resident Research Day, May 22, 2002

Local

Marques E. *Senior Resident Case Presentations: Microvascular Repair of Traumatic Ear Amputation, Tensor Fascia Lata Sensate Free Flap Reconstruction of Heel Defect*, Houston Society of Plastic Surgeons, June 21, 2001

Marques E. *Microvascular Surgery*, Invited Lecture, St. Barnabas Medical Center– General Surgery Grand Rounds. Livingston, New Jersey, April 2003

Marques E. Panel Discussion: Dessert with Doctors. LBJ General Hospital, Harris County Hospital District, Oct 2008

Regional

Marques E, Waitze S, Thomson JG. *Thumb Abduction Strength in Patients with Carpal Tunnel Syndrome* Abstract presentation, New England Hand Society, Sturbridge, MA, December 7, 2001

Marques E, Waitze S, Thomson JG. *Thumb Abduction Strength in Patients with Carpal Tunnel Syndrome* Abstract Presentation, New England Society of Plastic Surgeons, Manchester Village, Vermont, June 2, 2002.

Marques E., Melissinos E., Livingston C. *Free Tissue Transfer in Multiple Extremity Trauma* Abstract Presentation, Texas Society of Plastic Surgeons, San Antonio, TX, October 21-23, 2005

Marques E., Chen T. M. Developing a Microsurgery Program at a County Hospital: The Initial 4 Year Experience. Abstract Presentation, Texas Society of Plastic Surgeons, Bastrop, TX, September 30, 2007.

Marques E., Chen TM. Forearm Compartment Syndrome: A 5 Year Review. Abstract Presentation, Texas Society of Plastic Surgeons, San Antonio, TX, November 15, 2008.

Marques E. Panel Moderator- Practice Choices After Residency: What Is Right For Me? Texas Society of Plastic Surgeons, Grapevine, TX, September 25, 2009.

Marques E. Roping Injuries of the Thumb: Case Series. Texas Society of Plastic Surgeons, Bastrop, TX, September 26, 2010.

Marques E., Livingston C. High Pressure Injection Injuries of the Hand. Texas Society of Plastic Surgeons, Bastrop, TX, September 29, 2013.

Swope J., **Marques E.** Free Muscle Flap Coverage of Hand and Upper Extremity Wounds. Poster Session, Texas Society of Plastic Surgeons, San Antonio, TX, September 25, 2015.

Dean RA, Fleming SI, Zvavanjanja RC, Greives MR, **Marques ES.** Congenital Aneurysm of the Common Digital Artery: Case Report and Literature Review. Poster Session, Texas Society of Plastic Surgeons. Fort Worth, Texas. September 15-17, 2017.

Tallackson Z, Masoomi H, **Marques E.** Intentional Self-Amputation of the Upper Extremity: Case Report and Review of the Literature. Poster Session, Texas Society of Plastic Surgeons. San Antonio, Texas, September 14-16, 2018.

Masoomi H, Fairchild B, **Marques E.** Frequency and Predictors of 30-day Surgical Site Complication in Autologous Breast Reconstruction Surgery. Podium Presentation, Texas Society of Plastic Surgeons. San Antonio, Texas, September 14-16, 2018.

Masoomi H, Blumenauer B, Blakkolb C, **Marques E,** Greives M. Predictors of Blood Transfusion in Autologous Breast Reconstruction Surgery. Podium Presentation, Texas Society of Plastic Surgeons. San Antonio, Texas, September 14-16, 2018.

Maiorino EJ, **Marques ES,** Melissinos EG. Use of the Adductor Magnus Muscle Free Flap for Lower Extremity Soft Tissue Coverage: A Reasonable Alternative to the Gracilis Muscle Flap with Unfavorable Vascular Anatomy. Podium Presentation, Texas Society of Plastic Surgeons. Galveston, Texas, November 1, 2019.

National

Kaul A, **Marques E,** Miller R, Cohn JD: Management of Invasive Pulmonary Aspergillus in Renal Transplant Patients. Poster presentation at the 84th Annual Clinical Congress. American College of Surgeons, Orlando, FL October 25-30, 1998.

Kaul A, Thompson RC, **Marques E,** Miller R, Filippone DR: Benign Periampullary Duodenal Lesions: Clinical Features and Management. Poster presentation at the 84th Annual Clinical Congress, American College of Surgeons, Orlando, FL. October 25-30, 1998.

Livingston C, **Marques E.**, Stephens N. Anomalous Flexor Digitorum Superficialis Muscle Belly Presenting as a Mass Within the Palm Poster Session, American Society of Plastic Surgeons, Philadelphia, PA, October 10, 2004.

Marques E., Phillips P. Teleconsultation Utilizing a Digital Camera Phone for

Plastic Surgery Hand Emergencies. Poster Session, American Society of Plastic Surgeons, San Francisco, CA, October 6-11, 2006.

Chen T.M., **Marques E.** Developing a Microsurgery Program at a County Hospital: The Initial 4 Year Experience. Poster Session, American Society of Plastic Surgeons, Baltimore, MD, October 25-31, 2007.

Marques E., Chen TM. Forearm Compartment Syndrome: A 5-Year Review. Poster Session, American Association for Hand Surgery. Maui, Hawaii, January 7-10, 2009.

Marques E., Livingston C. High Pressure Injection Injuries of the Hand. Poster Session, American Association for Hand Surgery. Kauai, Hawaii, January 8-11, 2014.

Marques E., Swope J., Chen TM. Free Muscle Flap Coverage of Hand and Upper Extremity Wounds. Poster Session, American Association for Hand Surgery. Waikoloa Village, Hawaii, January 11-14, 2017.

Dean RA, Fleming SI, Zvavanjanja RC, Greives MR, **Marques ES.** Congenital Aneurysm of the Common Digital Artery: Case Report and Literature Review. Poster Session, American Association for Hand Surgery. Phoenix, Arizona, January 10-13, 2018.

Masoomi H, Fairchild B, **Marques E.** Frequency and Predictors of 30-day Surgical Site Complication in Autologous Breast Reconstruction Surgery. Poster Session, American Society for Reconstructive Microsurgery. Phoenix, Arizona, January 13-16, 2018.

Melissinos EG, **Marques ES.** The "Racing Stripe" Modification of the Radial Forearm Free Flap: Experience with 661 Consecutive Cases. Podium Presentation, American Society for Reconstructive Microsurgery. Phoenix, Arizona, January 13-16, 2018.

Masoomi H, Fairchild B, **Marques E.** Frequency and Predictors of 30-day Surgical Site Complication in Autologous Breast Reconstruction Surgery. Podium Presentation, American Society of Plastic Surgeons. Chicago, Illinois, September 28-October 1, 2018.

Masoomi H, Blumenauer B, Blakkolb C, **Marques E,** Greives M. Predictors of Blood Transfusion in Autologous Breast Reconstruction Surgery. Podium Presentation, American Society of Plastic Surgeons. Chicago, Illinois, September 28-October 1, 2018.

Marques E. Case Report: Multiple Digital Amputations. American Society of Plastic Surgeons- Education Network (online education module). May 2019.

Goodenough CJ, Moffitt JK, Melin AA, Masoomi H, **Marques ES.** Volar Perilunate Dislocation with Associated Bennett Fracture. Poster Presentation, American Society for Surgery of the Hand. Las Vegas, Nevada, September 5-7, 2019.

Goodenough CJ, Maiorino EJ, Deramo PJ, Moffitt JK, Tallackson Z, **Marques ES**. Appropriateness of Transfer to a Tertiary Care Center for Operative Upper Extremity Trauma and Infection. Podium Presentation, American Association for Hand Surgery. Ft. Lauderdale, Florida, January 8-11, 2020.

Marques E, Maiorino E, Tallackson Z, Chen TM, Masoomi H. Intentional Self-Amputation of the Upper Extremity: Case Report and Review of the Literature. Poster Session, American Association for Hand Surgery. Ft. Lauderdale, Florida, January 8-11, 2020.

Goodenough C, **Marques E**. Case Report: Radial Artery Pseudoaneurysm. American Society of Plastic Surgeons- Education Network (ASPS EdNet online education module). April, 2020.

Letters to the Editor

Marques E. Letter to the Editor: Reply, Journal of the American College of Surgeons 207(2): 294, 2008

TEACHING CONFERENCES, UT MEDICAL SCHOOL AT HOUSTON

Participants: Plastic Surgery faculty, residents, and rotating interns
Weekly, 2002 – Present

Hand Conference

Marques E. Osteoarthritis, Arthroplasty, and Arthrodesis, December 12, 2002

Marques E. Hand Anatomy and Examination – An Introduction for Residents, August 2002, July 2003, July 12, 2007; July 2009, July 22, 2010; July 28, 2011; August 12, 2012; July 11, 2013; July 10, 2014; July 2015; August 4, 2016.

Marques E. X-ray Rounds/Case Presentations: Reconstruction of Blast Injury to the Thumb, Microvascular Reconstruction Following Ulnar Artery Thrombosis, Bennett's Fracture, Thumb Replantation, 2nd Toe Transfer for Thumb Reconstruction, May 5, 2006.

Marques E. Case Presentations: Microsurgical Repair Of High Median and Ulnar Nerve Transections, Felon, Poland Syndrome with Brachysyndactyly, Multiple Webspace Syndactyly. Plastic Surgery Conference, December 14, 2006

Marques E. X-ray Rounds/Case Presentations: Microsurgical Thumb Reconstruction, Replantation, Upper Extremity Compartment Syndrome, Volar PIP Joint Dislocation, Dupuytren's Contracture, Parona's Space Infection, Syndactyly, April 12, 2007.

Marques E. Inservice Question Review: Hand Infections, August 20, 2007.

Marques E. Inservice Question Review: Flexor Tendon Injuries, October 2, 2007.

Marques E. Inservice Review: Hand Questions, September 6, 2007; December 13, 2007; December 11, 2008

Marques E. Mock Orals: Soft Tissue Coverage of the Hand, Flexor Tendon Injuries, Extensor Tendon Injuries, Tendon Transfers, Infections of the Hand, March 27, 2008

Marques E. X-ray Rounds, Case Presentations: Near-Complete Thumb Amputations, Non-union of 5th Metacarpal Shaft, Giant Keratoacanthoma of the Hand, May 15, 2008

Marques E. Evaluation of the Injured Hand, July 31, 2008

Marques E. X-ray Rounds, Case Presentations: Compartment Syndrome of the Hand, Fasciectomy for Dupuytren's Disease, Syndactyly Release, Zone II Flexor Tendon Injury, May 14, 2009

Marques E. Case Presentations- Hand Emergencies: Gunshot Wound with Devascularized Digit, Thumb Amputation, Forearm Compartment Syndrome, Flexor Tenosynovitis, July 13, 2009

Marques E. Case Presentations-Industrial Machine Injuries and Reconstruction, Flexor Tenosynovitis, Thumb Reconstruction, Dupuytren's Disease, December 2009

Marques E. Case Presentations- Flexor Tenosynovitis, Salvage of Partial Crush Amputation of Small Finger, Volar Thumb Soft Tissue Coverage with First Dorsal Metacarpal Artery Island Flap, Thumb Replantation, May 13, 2010

Marques E. Case Presentations- Hand Crush Injury, Zone III / IV Flexor Tendon Injuries of the Hand, Paint Injection Injury to Finger, Free Flap Reconstruction of Hand Injuries, May 12, 2011

Marques E. Case Presentations- High Pressure Injection Injury to the Hand, Thumb Replantation, Flexor Tenolysis Following Proximal Phalanx Fracture, Reverse Dorsal Radial Homodigital Flap Coverage of the Thumb Tip Following Mohs Surgery, May 10, 2012

Marques E. X-ray Rounds, Case Presentations- Boxer's Fracture, Fight Bite, Burn Scar Contractures of 4 Fingers, Reconstruction of Close Range Blast Injury to the Thumb, May 9, 2013

Marques E. X-ray Rounds, Case Presentations- Devascularized Thumb after Roping Injury, Devascularized Digit After Gunshot Injury, Reconstruction of Hand Crush Injury, Palmar and Digital Fasciectomy for Dupuytren's Disease, Free Flap Coverage of Mangling Hand Injury, May 8, 2014

Marques E. Case Presentations- Flexor Tenosynovitis, Forearm Compartment

Syndrome, Bilateral Spaghetti Wrist Injuries, Thumb Replantation, Ulnar Artery Thrombosis, October 9, 2014

Marques E. Inservice Review- Hand Anatomy, Toe Transfer, Wrist Fractures / Dislocations, October 13, 2016

Marques E. X-ray Rounds, Case Presentations, Hand Inservice Review Questions- Thumb Replantation, Zone III Flexor Tendon Transections, May 25, 2017.

Marques E. Lecture- Soft Tissue Coverage of the Hand and Upper Extremity, December 13, 2018.

Indications Conference

Marques E. Case Presentations: Free TRAM Reconstruction of the Breast, Total Nasal Reconstruction After Self-Inflicted Shotgun Blast. Plastic Surgery Conference, October 30, 2006.

Marques E. Case Presentations: Breast Reduction with Free Nipple Graft, Reconstruction of Complex Forearm Avulsion Injury, Zone II Flexor Tendon Injuries. Plastic Surgery Conference, University of Texas-Houston/Health science Center, October 5, 2006.

Marques E. Case Presentation- Pseudofolliculitis Barbae with Keloid Formation- Excision and Closure, September 21, 2009

Marques E. Case Presentations- Giant Dermatofibrosarcoma Protuberans of the Scalp- Excision and Reconstruction, November 16, 2009

Marques E. Case Presentations- Reconstruction Following Excision of Giant Calcaneal Osteochondroma, Perineal Reconstruction of APR Defect, 4 Finger Replant, February 8, 2010

Marques E. Case Presentation- Mucormycosis of the Scalp, October 18, 2010

Marques E. Case Presentation- Salvage of Partial Crush Thumb Amputation with Prolonged Warm Ischemia, January 24, 2011

Marques E. Case Presentation- Reconstruction of Chronic, Irradiated Upper Back Wound Following Resection of DFSP, March 21, 2011

Marques E. Reconstruction of the Poland Breast Deformity, Reconstruction of Partial, Irradiated mastectomy Defect with Abdominal Free Flap, July 18, 2011

Marques E. Abdominal Wall Reconstruction Following Loss of Domain and Skin Grafting of Abdominal Viscera, August 15, 2011

Marques E. Flexion Contracture of Small Finger, Extensor Tendon Loss Following Massive Crush Injury of the Hand, December 19, 2011

- Marques E.** 30-year Chronic Wound of the Lower Extremity, April 16, 2012
- Marques E.** Acne Keloidalis Nuchae, Pseudofolliculitis Barbae, September 17, 2012
- Marques E.** Dorsocervical Thoracic Lipodystrophy in an HIV Patient, August 20, 2012
- Marques E.** Complete Thumb Amputation, DIEP Flap Reconstruction of the Breast, Ulnar Artery Thrombosis, December 17, 2012
- Marques E.** Reconstruction of a Mangling Hand Injury, February 28, 2013.
- Marques E.** Zone II Flexor Tendon Transections of 2 Fingers with Delayed Presentation, Dupuytren's Contracture of the Small Finger, March 18, 2013.
- Marques E.** Devascularized Hand with Radial Artery Thrombosis Following Placement of Arterial Line, July 15, 2013
- Marques E.** Metacarpal Shaft Fractures with Overlying Soft Tissue Crush Injury, October 21, 2013

Plastic Surgery Grand Rounds

- Philips P., **Marques E.** *Teleconsultation Utilizing a Digital Camera Phone for Plastic Surgery Hand Emergencies*, Abstract Presentation, September 19, 2005
- Marques E.**, Melissinos E., Livingston C. *Free Tissue Transfer in Multiple Extremity Trauma*, Abstract Presentation, November 21, 2005
- Marques E.** Case Presentation: Microvascular Repair of the Femoral Artery in a 4 week old infant, March 26, 2007
- Marques E.** Inservice Review- Hand Infection Questions, November 2, 2009
- Marques E.** Case Presentations- Gastrocnemius Muscle Flap Coverage of Left Lower Extremity Dog Bite Wound, July 29, 2010
- Marques E.** Case Presentations- Bilateral Breast Reduction with Free Nipple Grafting, Muscle-Sparing Free TRAM Flap Reconstruction of Right Breast, December 6, 2010
- Marques E.** Case Presentations- Free TRAM Flap Reconstruction of the Breast, Salvage of Roping Amputation of the Thumb, March 31, 2011
- Marques E.** Case Presentations- Giant Cell Tumor of the Tendon Sheath, Bilateral Spaghetti Wrist, August 11, 2011
- Marques E.** Case Presentations- Midpalmar Space Infection, Zone II Flexor

Tendon Injury in a Pediatric Patient, Index Ray amputation and Fillet Flap Coverage of a Close Range Shotgun Blast to the First Webspace, December 8, 2011

Marques E. Case Presentation- Anterolateral Thigh Flap Coverage of Necrotizing Soft Tissue Infection of the Dorsal Hand and Wrist, April 8, 2013

Multidisciplinary Conference

(Otorhinolaryngology, Oral & Maxillofacial Surgery, and Plastic & Reconstructive Surgery)

Marques E. Lecture- Replantation and Free Tissue Transfer in Facial Trauma, Multidisciplinary Facial Trauma Conference, August 20, 2009

Emergency Medicine Grand Rounds

Marques E. Hand Emergencies: Diagnosis and Management, August 2012

Mock Orals and Board Review Conference

Marques E. Mock Orals: Near-Complete Amputation of the Thumb, Subungual Mass, June 2006.

Marques E. Mock Orals: Replantation, Revascularization, Thumb Reconstruction, Mutilating Hand Injuries, April 2008

Marques E. Mock Orals: Giant, Intracompartmental Lipoma of the Forearm, Severe Scar Contracture of the Axilla, May 2008

Marques E. Mock Orals: Preparation of Casebooks for the Plastic Surgery Certification (Oral) Examination, June 2008

Marques E. Hypothenar Hammer Syndrome, Upper Extremity Post-Trauma compression Neuropathy of the Ulnar Nerve, Written Exam Review Questions February 2010

Marques E. Mock Orals / Board Review- Principles of Microvascular Free Tissue Transfer, Free Flap Donor Sites, Leeches, July 17, 2014

Marques E. Mock Orals / Board Review- Metacarpal and Phalangeal Fractures, Joint Dislocations and Ligament Injuries, Anatomy of the Hand, August 22, 2014

Marques E. Mock Orals / Board Review- Soft Tissue Coverage of the Hand, September 18, 2014

Marques E. Mock Orals / Board Review- Flexor Tendon Injuries, Extensor Tendon Injuries, Tendon Transfers, October 16, 2014.

Marques E. Mock Orals / Board Review- Replantation and Revascularization, Thumb Reconstruction, Reconstruction of the Mutilated Hand, December 18, 2014.

Marques E. Mock Orals / Board Review- Nerve Compression Syndromes, January 22, 2015.

Marques E. Mock Orals / Board Review- Arthrodesis, Arthroplasty, Dupuytren's Disease, Congenital Anomalies of the Hand, March 19, 2015

Marques E. Mock Orals / Board Review- Skin Grafts / Skin Flaps, May 18, 2017.

Marques E. Mock Orals / Board Review- Pedicled and Free Fasciocutaneous Flaps, June 15, 2017.

RESEARCH EXPERIENCE:

Research Teaching Specialist – New Jersey Medical School, 1989-1990

Investigated hypertension using fluorescent probes to study physiologic properties in cultured vascular smooth muscle cells from hypertensive rats: grant from American Heart Association conducted under supervision of Dr. Burton Fine, New Jersey Medical School, 1989-1990.