

# **Danielle H. Melton, M.D.**

Phone: (W) 713-797-5938  
Email: [danielle.h.melton@uth.tmc.edu](mailto:danielle.h.melton@uth.tmc.edu)

## EDUCATION

- 6/2003-9/2006 **Baylor College of Medicine/University of Texas Alliance** Houston, Texas  
Department of Physical Medicine and Rehabilitation, Resident Physician
- 6/2002-6/2003 **Baylor College of Medicine** Houston, Texas  
Transitional Intern Physician
- 7/2000-5/2002 **Baylor College of Medicine** Houston, Texas  
Doctor of Medicine, Graduated May 2002
- 8/1998-6/2000 **Louisiana State University Medical Center** Shreveport, Louisiana  
Completed two years of medical school prior to transferring to BCM
- 8/1988-5/1993 **Louisiana State University** Baton Rouge, Louisiana  
Bachelor of Science, College of Mechanical Engineering

## CERTIFICATION and LICENSURE

Board Certification ABPM&R 2009  
Texas Board of Medical Examiners, License M2400  
Texas Medical Jurisprudence Examination  
USMLE Steps 1, 2 & 3  
Certified Engineering in Training

## HOSPITAL APPOINTMENTS

- 9/2006 **Memorial Hermann Hospital**, Houston, Texas
- 9/2006 **TIRR The Institute for Research and Rehabilitation**, Houston, Texas
- 9/2006 **Lyndon B. Johnson General Hospital**, Houston, Texas

## WORK EXPERIENCE

- 9/2006-present **University of Houston Health Science Center** Houston, Texas  
Director of the Amputee Program at TIRR Hospital  
Clinical Assistant Professor, Attending Physician  
Organization of Resident Outpatient Clinics  
Chairman of Continuing Medical Committee  
Special Interests: Amputees and Prosthesis, Sports Medicine, EMG
- 1/1994-1/1997 **Applied Materials, Inc.** Austin, Texas  
Project Manager  
Youngest manager among 14,000 employees  
Manufacturing Conference Essay Award  
Highest rating (top 1%) for annual performance evaluation  
Heart of Texas Service Award for motivation and commitment

- 8/1993-11/1993     **Powers Engineering, Inc.** Austin, Texas  
Mechanical Design Engineer  
Manager of AutoCAD system
- 8/1991-5/1993     **Center for Advanced Microstructures & Devices** Baton Rouge, Louisiana  
Manager of AutoCAD system  
Design Engineer
- 1/1991-5/1991     **International Business Machines (IBM)** Manassas, Virginia  
Mechanical Design Engineer Intern  
Collegiate Representative for Market Driven Quality
- 1/1990-1/1991     **International Business Machines (IBM)** Baton Rouge, Louisiana  
Collegiate Marketing Representative  
Chairperson of Computer Quest national competition (2<sup>nd</sup> place)
- 5/1989-8/1989     **Walt Disney World** Orlando, Florida  
MGM Back Stage Studio Tour Guide

LECTURES and RESEARCH EXPERIENCE

**University of Texas, Houston Health Science Center**

PM&R resident lectures and case series  
Amputation management

**University of Texas, Houston Health Science Center**

Grand Rounds for Orthopedic Department  
Lower Extremity Amputations “A Step Ahead”

**University of Texas, Houston Health Science Center**

Resident and Fellow lecture series for Rheumatology Department  
Lower Extremity Bracing and Orthotics

**Case Management Southwest Association**

Southwest Regional Conference lecture  
Lower Extremity Amputations and Prosthesis

**Memorial Hermann Hospital**

Department of Physical Medicine and Rehabilitation  
Acute Management of Lower Extremity Amputations lecture

**AAPM&R Annual Academy Meeting** in Honolulu, Hawaii

Moderator of “Post Polio Syndrome” lecture and panel

**Baylor College of Medicine/University of Texas Alliance**  
Documentation, Coding and Billing presentation

**Radiofrequency Ablation for Amputation Neuromas**  
First Author, Ahmed Khalifa, MD, Amanda Steen, MD  
University of Texas Houston Health Science Center

**Michael E. DeBakey Veterans Administration Hospital**  
Department of Physical Medicine and Rehabilitation  
Performed dual channel radial motor nerve conduction study for standard lab values  
Mentor: Kuno P. Zimmerman, D.O., PhD.

**Baylor College of Medicine, Department of Physical Medicine and Rehabilitation**  
Critical Review of the Literature: Neuropathy after Total Hip Replacement  
Mentor: George C. Kevorkian, M.D.

**Baylor College of Medicine, Department of Physical Medicine and Rehabilitation**  
Participated in study to assess spasticity management costs comparing  
botox, phenol, intrathecal baclofen pumps, medications and surgical procedures.  
Mentor: Gerard Francisco, M.D.

**Center for Advanced Microstructures and Devices**  
Designed a two-dimensional beam position monitor for the electron synchrotron  
AMSE regional competition finalist

#### LEADERSHIP and ORGANIZATIONS

**Amputee Coalition of America (ACA)**

**American Academy of Orthotics and Prosthetics (AAOP)**

**Continuing Medical Education (CME) Committee for PM&R Alliance**  
Chairman

**Continuing Medical Education (CME) Committee for University of Texas HSC Houston**

**The Assessment Center and Sports Medicine and Rehabilitation Outpatient Clinic**  
Medical Director

**TIRR Outpatient Clinic Quality Improvement Committee**

**University of Texas/Baylor College of Medicine Alliance Endowment committee**

**American Academy of Physical Medicine and Rehabilitation (AAPM&R)**

**American Medical Association (AMA)**

**Texas Medical Association (TMA)**

**Harris County Medical Society (HCMS)**

**American Medical Student Association (AMSA)**

**LSU Medical Center**

Student Advocate Committee Chairman  
Faculty-appointed Biochemistry Group Leader  
Class-elected Pathology Group Leader  
Committee Chairperson of Camp Tiger for Disabled Children

**Pi Tau Sigma Engineering Honor Society**

**American Society of Mechanical Engineering (ASME)**

Chairperson for fundraiser and speaker committees  
Finalist in Regional competition for Senior Design Project

**Engineering Council Officer**

Organized National Engineers Week

**Society of Women Engineers (SWE)**

Secretary  
Director of Regional Conference Panel  
Chairperson: National Conference for Promoting Math and Science in Young Women

**Pi Beta Phi Fraternity**

Computer Manager  
Rush Co-chairperson