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EDUCATION:

05/2007 University of Louisville School of Medicine, M.D.,
University of Kentucky, M.S., Biomedical Engineering, August 2003

06/2001- 12/2002 Post-Baccalaureate
University of Kentucky,

05/1998 Undergraduate
Centre College, B.S., Mathematics and Spanish, cum laude,

ACADEMIC APPOINTMENTS:

07/2012 – 06/2013 Breast Imaging Fellowship
Indiana University Department of Radiology and Imaging Sciences,
Indianapolis, IN.

07/2008 – 06/2012 Radiology Residency
Indiana University Department of Radiology and Imaging Sciences, Indianapolis,
IN.

07/2007 – 06/2008 Preliminary Medicine Internship
St. Vincent Hospital
Indianapolis, IN.

CERTIFICATION and LICENSE(S):

05/2012 American Board of Radiology - Certified
BLS - Certified
Indiana and Kentucky licensed

HONORS and AWARDS:

09/1998 – 06/1999 Fulbright Scholar, Universidad de Granada, Granada, Spain;
Phi Beta Kappa, inducted May 1998

08 – 12/1996 Centre in Europe Program, Strasbourg, France;

PROFESSIONAL MEMBERSHIPS:

Radiological Society of North America
American College of Radiology
Society of Breast Imaging

WORK EXPERIENCE:

- 2/10/2020- Present Director, James Graham Brown Breast Care Center, Assistant Professor of Radiology and Imaging Sciences, Program Director, Breast Imaging Fellowship, University of Louisville, School of Medicine. Staff Radiologist in the Department of Breast Imaging. Supervision and training of Radiology Residents and Breast Imaging Fellows.
- 07/15/2018-02/2020 Assistant Professor of Radiology and Imaging Sciences, Indiana University School of Medicine. Staff Radiologist in the Department of Breast Imaging. Supervision and training of Radiology Residents and Breast Imaging Fellows, in addition to providing patient care at 5 breast imaging centers outside the academic campus. Continued practice in General Radiology, including imaging guided diagnostic and therapeutic procedures.
- 07/01/2013-07/2018 Radiologist, Radiology Specialists of Louisville Partner Radiologist with specialization in breast imaging, including digital breast tomosynthesis, digital mammography, breast ultrasound, and breast MRI, as well as imaging-guided biopsies and procedures using these modalities, including stereotactic biopsy. Continued practice of general Radiology, including night and weekend call. Final interpretations on all studies with exception of Neuro MR, Body MR and MSK MR. Performance of fluoroscopically and ultrasound guided procedures, including ultrasound guided biopsies, lumbar puncture, myelograms, arthrograms, joint injection and aspiration.
- 12/2001-05/2003 Research Technician, Phoenix Pharmacologics, Inc. Worked in research and manufacturing for a pharmaceutical biotechnology firm with 3 drugs in FDA clinical trials. Primary duties involved analysis of patient blood samples to determine drug activity and half-life in the blood stream. Assisted in drug manufacturing to maintain stock for ongoing clinical trials. Performed drug stability studies.

RESEARCH EXPERIENCE:

- 06-08/2003 University of Louisville School of Medicine, Summer Research Scholars Program, Dr. Rob Dowling, MD, Department of Cardiothoracic Surgery. Investigated the performance of a ventricular assist device in a bovine model. Poster presentation: *"Initial Performance of AbioMed AB-5000 Ventricle,"* at Research Louisville, October 2003.
- Graduate Research Fellow, University of Kentucky, Center for Biomedical Engineering. August 1999-December 2001. Thesis research investigating the three-dimensional in vivo kinematics of the male clubfoot by MRI. Explored differences in foot bone motion between 3 subject groups: the normal adult foot, normal pediatric foot, and the surgically-corrected pediatric clubfoot. Utilized a 3-D image reconstruction program and wrote mathematics programs

to quantify rotation and translation of various foot joints. Poster presentations at 46th, 47th, and 48th annual meetings of Orthopaedic Research Society.

SERVICE ACTIVITIES:

IU School of Medicine Staff

The Enclave Senior Living at Saxony- breast cancer screening presentation

Radiology Specialists of Louisville

Local TV interviews- breast cancer screening and advances in detection

Annual Humana employee health presentations- breast cancer screening

Medical School

Habitat for Humanity

Ronald McDonald House

Medical Presentations, Goshen Elementary School

Graduate School

Interpreter at Cardinal Valley Center (Hispanic Social Services Center)

EXTRACURRICULAR and LEADERSHIP ACTIVITIES:

Radiology Residency

Chair, Education Committee

Member, Wiki Committee

Medical School

Volunteer Coordinator, Class of 2007

Student Director, Free Clinic (Greater Louisville Organization for Health)

Process Improvement Committee Member for Student-Run Free Clinics

Graduate School

Treasurer, Biomedical Engineering Society

Intramural Sports Coordinator, Biomedical Engineering Society

Undergraduate

Student Director for Centre College Alumni Board

Student Advisor for Centre College Spanish Department

Secretary, Centre College Student Activities Council

PUBLICATIONS:

Tann M, MD; Mattingly B, MD; Fletcher, J, MD; Nauman, S; Shivani, S.

Is Routine Bone Marrow Biopsy (BMB) for Lymphoma Indicated in the Era of PET/CT? (2011, November 27). Electronic Poster Presentation at the annual meeting of the RSNA, Chicago, IL.

Mattingly B, MS; Talwalkar V, MD; Tylkowski C, MD; Stevens D, MD;

Hardy P, PhD; Pienkowski D, PhD. **Three-dimensional In Vivo Motion of Adult Hind Foot Bones.** Journal of Biomechanics. 39(4):726-33, 2006.

Roche C, MS; Mattingly B, MS; Talwalkar V, MD; Tylkowski C, MD; Stevens D, MD; Hardy P, PhD; Pienkowski D, PhD. **Tarsal Shape, Size, and Articulating Surface Morphology in Adolescent Surgically Treated Clubfoot and Their Contralateral Normal Foot.** Journal of Pediatric Orthopaedics. 26(3):329-35, 2006.

Roche C, MS; Mattingly B, MS; Talwalkar V, MD; Tylkowski C, MD; Stevens D, MD; Hardy P, PhD; Pienkowski D, PhD. **Three-dimensional Motion in Adolescents with Surgically Treated Unilateral Clubfoot.** Journal of Pediatric Orthopaedics. 25(5):630-34, 2005.

Mattingly B; Pienkowski D, PhD; Tylkowski C, MD; Talwalkar V, MD; Stevens D, MD; Hardy P, PhD. **Comparative Tarsal Kinematics of the Surgically Corrected Clubfoot and the Normal Pediatric Foot.** Transactions of the Orthopaedic Research Society. Vol. 27: 2002.

Mattingly B; Pienkowski D, PhD; Tylkowski C, MD; Talwalkar V, MD; Stevens D, MD; Hardy P, PhD. **Comparison of Adult and Pediatric Hind Foot Bone Kinematics in Vivo.** Transactions of the Orthopaedic Research Society. Vol. 27: 2002.

Mattingly B; Pienkowski D, PhD; Fleming, M; Lakin R, MS; Gerlach D; Tylkowski C, MD. **Quantitative Three-Dimensional Hind Foot Bone Motion in Vivo.** Transactions of the Orthopaedic Research Society. Vol. 26: 2001.