

CURRICULUM VITAE

AUSTIN M. BEASON, MD

834 S. State Street, Springfield, IL 62704
217-273-9107 | abeason@siumed.edu

ORTHOPAEDIC SURGERY RESIDENCY

Southern Illinois University School of Medicine: Springfield, IL 62702 6/2018-present
Division of Orthopaedic Surgery | Department of Surgery

MEDICAL EDUCATION

Southern Illinois University School of Medicine: Springfield, IL 62702 8/2013-5/2017
Doctor of Medicine

UNDERGRADUATE EDUCATION

University of Illinois at Urbana-Champaign: Champaign, IL 61820 8/2008-5/2012
Bachelor of Science in Molecular & Cellular Biology | Minors in Chemistry and Business

PROFESSIONAL EXPERIENCE

Research Internship, Memorial Medical Center: Springfield, IL 62702 6/2017-6/2018
Simulation & Surgical Education
Lean Six Sigma Quality Improvement

Mentored Professional Educational Experience (MPEE): Nashville, TN 37202 6/2014-8/2014
Research Internship, Vanderbilt University Medical Center, Vanderbilt Orthopaedic Institute
Mentor: Charles L. Cox, MD, MPH, Sports Medicine/Shoulder Surgery Fellowship Director

Emergency Department Medical Scribe, Presence Covenant Medical Center: Urbana, IL 61801 8/2012-6/2013

AWARDS & HONORS

Commitment to Teaching Honoree, SIU SOM: Springfield, IL 62702 4/2017

SIU School of Medicine Scholarship, SIU SOM: Springfield, IL 62702 1/2017

Commitment to Teaching Honoree, SIU SOM: Springfield, IL 62702 4/2016

Accepted Artwork, *SCOPE* Literary Arts Magazine, SIU SOM: Springfield, IL 62702 2/2016

Edmund James Scholar, University of Illinois at Urbana-Champaign: Champaign, IL 62903 8/2009-5/2012

Clarence E. Brehm Scholarship, University of Illinois at Urbana-Champaign: Champaign, IL 62903 2011

COMMITTEE INVOLVEMENT

American College of Surgeons (ACS) Accredited Education Institutes Consortium: Chicago, IL 60611
Translation & Standards Committee, Member 7/2018-6/2020

American Academy of Orthopaedic Surgeons (AAOS) Resident Assembly: Rosemont, IL 60018
Education Committee, Member 8/2018-present

Statistical Outcomes and Analytical Research (SOAR) Committee: Springfield, IL 62702 7/2017-present

SIU SOM Surgical Education & Performance Group , Member: Springfield, IL 62702	1/2016-present
SIU SOM Y3T Program Evaluation Subcommittee , Member, SIU SOM: Springfield, IL 62702	4/2016-2/1028
SIU SOM Year 3 Curriculum Committee , Class Representative, SIU SOM: Springfield, IL 62702	6/2015-6/2017

PEER-REVIEWED PUBLICATIONS

Peer-reviewed Published Work

1. **Beason AM**, Zhang H, Anoushiravani AA, Sayeed Z, Chambers MC, El-Othmani MM, Mihalko WM, Saleh KJ. Postoperative Radiographic Assessment of the VEGA Posterior-Stabilized TKA. *Orthopedics*. 2016; 39(3 Suppl):S56-60. doi:10.3928/01477447-20160509-19
2. Cianciolo AT, Klamen DL, **Beason AM**, Neumeister EL. ASPIRE-ing to Excellence at SIUSOM. *MedEdPublish*. 2017; 1-17. <https://doi.org/10.15694/mep.2017.000082>
3. Dorsey JK, **Beason AM**, Verhulst S. Relationships Matter: Enhancing Trainee Development with a (Simple) Clerkship Reform. *Teach Learn Med*. 2019; 31(1). (Accepted for publication).
4. Barinaga G, **Beason AM**, Gardner MP. A Novel Surgical Approach to Segmental Bone Transport Utilizing a Magnetic Intramedullary Limb Lengthening System. *J Am Acad Orthop Surg*. Southern Illinois University School of Medicine, Division of Orthopaedic Surgery. (Accepted for publication).
5. Zuberi RW, Klamen DL, Hallam JL, Yousuf N, **Beason AM**, Neumeister EL, Lane R, Ward J. The Journeys of Three ASPIRE Award Winning Medical Schools towards Excellence in Student Assessment. *Medical Teacher*. (Accepted for publication).

Manuscripts Under Review & In Progress

1. **Beason AM**, Koehler RJ, Sanders RA, Rode BE, Menge T, McCullough K, Glass N, Hettrich C, Cox CL. Surgeon Agreement on the Presence of Instability Associate Pathology on Shoulder Imaging Studies. *Orthop J Sports Med*. Vanderbilt University Medical Center, Department of Orthopaedic Surgery and Rehabilitation. (Manuscript submitted).
2. Cianciolo AT, Hingle S, Hudali T, **Beason AM**. The Role of Preceptors' Written Comments in an Internal Medicine Clerkship's Performance Evaluation System. *Medical Teacher*. (Manuscript submitted).
3. **Beason AM**, Hitt C, Ketchum J, Rogers H, Sanfey H. Verification of Proficiency in Basic Surgical Skills for Postgraduate Year 1 Residents. Southern Illinois University School of Medicine, Department of Surgery. (Manuscript in preparation).
4. Han H, **Beason AM**. A Student-Centered Participatory Program Evaluation for Curriculum Reform. Southern Illinois University School of Medicine, Department of Medical Education. (Manuscript in preparation).
5. **Beason AM**, Mailey BA. Evaluation of the Anterior Scalene Muscle Block in the Diagnosis of Thoracic Outlet Syndrome and as a Predictor of Post-Operative Improvement. Southern Illinois University School of Medicine, Department of Surgery. (Data collection phase).

ONGOING PROJECTS

1. Crabtree TD, **Beason AM**, Ketchum J. Surgical Simulation for Multi-disciplinary Team Training. Southern Illinois University School of Medicine, Department of Surgery. (Data collection phase).
2. **Beason AM**, Gardner MP, Romanelli R, Douglas B, Quastler J, Davis E. Lean Six Sigma Approach to Hip Fracture Management: Outcomes from an Organizational Effort to Reduce Time-to-Surgery. Memorial Medical Center, Springfield, IL. (Data collection phase).
3. Barinaga G, **Beason AM**, Sembell E, Wottowa CE. Assessment of Distal Biceps Retraction Ratio for Diagnosis of Partial Tears. Southern Illinois University School of Medicine, Division of Orthopaedic Surgery. (Data collection phase).
4. Mitchelson AJ, Tapscott D, **Beason AM**, Gabriel KR. Metaphyseal Shuffle: A Mathematical Model to Demonstrate Translation of Fixation in Intramedullary Nailing of Metaphyseal Fractures. Southern Illinois University School of Medicine, Division of Orthopaedic Surgery. (Literature Review phase).

ORAL PRESENTATIONS

1. **Beason AM**, Koehler RJ, Sanders RA, Rode BE, Menge T, McCullough K, Glass N, Hettrich C, Cox CL. Surgeon Agreement on the Presence of Instability Associate Pathology on Shoulder Imaging Studies. Presentation by Charles Cox at the Southern Orthopaedic Association 35th Annual Meeting: Palm Beach, FL. 13 July 2018.
2. **Panelist**. *Can You Hear Me Now? Feedback on Feedback*. (Dorsey JK, Batton B, **Beason AM**, Cianciolo AT, El-Amin W). Panel at 9th Annual Symposium for Teaching & Learning, SIU SOM: Springfield, IL. 20 April 2018.
3. **Beason AM**, Hitt C, Ketchum J, Rogers H, Sanfey H. Assessment of Surgical Skill: Past, Present and Future of Proficiency Verification. Podium Presentation by Austin Beason and Collin Hitt at 9th Annual Symposium for Teaching & Learning, SIU SOM: Springfield, IL. 20 April 2018.
4. **Beason AM**, Dorsey JK, Verhulst SJ. Doing More With Less: Relationships Matter in Clerkships. Podium Presentation by Austin Beason at: 2018 AAMC Central Group on Educational Affairs (CGEA) Regional Spring Meeting hosted by Mayo Clinic College of Medicine and Science: Rochester, MN. 23 March 2018.
5. **Panel Moderator**. Student Engagement: Advancing the Social Mission in Medical Education. (**Beason AM**, Romanelli MR, Ghareeb A, James E). Student Panel at 8th Annual Symposium for Teaching & Learning, SIU SOM: Springfield, IL. 20 April 2017.
6. Dorsey JK, **Beason AM**. A Mixed Methods Study of Entrustment. Group Discussion presented by J. Kevin Dorsey and Austin Beason at: 8th Annual Symposium for Teaching & Learning, SIU SOM: Springfield, IL. 20 April 2017.
7. Neumeister EL, **Beason AM**. Through the Looking Glass: The Student Clerkship Experience. Group Discussion presented by Evyn Neumeister and Austin Beason at: 8th Annual Symposium for Teaching & Learning, SIU SOM: Springfield, IL. 20 April 2017.
8. **Beason AM**, Neumeister EL. A Student-Centered Participatory Program Evaluation for Curriculum Reform: Two-Step Approach. A Short Communication presented by Austin Beason and Evyn Neumeister at: AMEE: An International Association for Medical Education: Barcelona, Spain. 27-30 August 2016.
9. Neumeister EL, **Beason AM**. Coachability 101: A Peer-led Workshop on Becoming a More Coachable Clinical Trainee. Workshop presented by Evyn Neumeister and Austin Beason at: 7th Annual Symposium for Teaching & Learning, SIU SOM: Springfield, IL. 19 April 2016.
10. **Beason AM**, Cox CL. Intraobserver and Interobserver Agreement in the Diagnosis of Traumatic, Anterior Shoulder Instability. Podium Presentation by Austin Beason at: Annual Mentored Professional Enrichment Experience (MPPE) Symposium, SIU SOM: Springfield, IL. 6 September 2014.

POSTER PRESENTATIONS

1. Dorsey JK, **Beason AM**, Verhulst SJ. Relationships Matter: Enhancing Trust and Trainee Development with a (Simple) Clerkship Curriculum Reform. Poster to be presented at: AMEE: An International Association for Medical Education: Basel, Switzerland. 25-29 August 2018.
2. Barinaga G, **Beason AM**, Gardner MP. A Novel Approach to Segmental Bone Transport Utilizing a Magnetic Intramedullary Limb Lengthening System: A Case Report. Poster presented at: 18th European Federation of National Associations of Orthopaedics and Traumatology (EFORT) Congress. Vienna, Austria. 31 May 2017.
3. Barinaga G, **Beason AM**, Gardner MP. A Novel Approach to Segmental Bone Transport Utilizing a Magnetic Intramedullary Limb Lengthening System: A Case Report. Poster presented at: 16th Annual Resident Research Day, Southern Illinois University School of Medicine, Springfield, IL. 13 April 2017.
4. Graham RD, **Beason AM**, Cagle PJ. Multi-topic versus single-topic journal club format: A review of the current literature and a retrospective study. Poster presented at: 16th Annual Resident Research Day, Southern Illinois University School of Medicine, Springfield, IL. 13 April 2017.
5. **Beason AM**, Zhang H, Anoushiravani AA, Sayeed Z, Chambers MC, El-Othmani MM, Mihalko WM, Saleh KJ. Postoperative Radiographic Assessment of the VEGA Posterior-Stabilized TKA. Poster presented at: 13th Meeting of the Combined Orthopedic Associations. Cape Town, South Africa. 11 April 2016.

6. **Beason AM**, Curry E, Ginnetti M, Kabat BE, Mool J, Murray S, Neumeister EL, Koehler J, Han H. A Student-Centered Participatory Program Evaluation for Curriculum Reform: Two-Step Approach. Poster presented at: AAMC Central Group on Educational Affairs (CGEA) Regional Spring Meeting hosted by University of Michigan Medical School: Ann Arbor, MI. 8 April 2016.
7. Murray S, Ghareeb A, **Beason AM**, Allen J, Neumeister EL, Coachability Student Work Group. Defining and Improving Medical Student Coachability: A Student-Led Curriculum Development Project. Poster presented at: AAMC Central Group on Educational Affairs (CGEA) Regional Spring Meeting hosted by University of Michigan Medical School: Ann Arbor, MI. 8 April 2016.
8. **Beason AM**, Morgenstern K, Volle M, McDaniel K, et al. Medical Students Participate in Community Effort to Reduce Obesity Among Elementary Students. Poster presented at: Association for Prevention Teaching and Research in Albuquerque, NM. 13 March 2016.
9. Volle M, McDaniel K, **Beason AM**, Morgenstern K, Lowry K, Sadowski D, Smith T. Medical Students Participate in Community Effort to Reduce Obesity Among Elementary Students. Poster Presentation presented at: Association for Prevention Teaching and Research: Charleston, SC. 17 March 2015.

PROFESSIONAL CONTRIBUTIONS

1. **Instructor.** *Introduction to Suturing*. Chatham High School Science Visit. 1 May 2018. Springfield, IL.
2. **Reviewer.** *The Clinical Teacher*. Oxford, UK.
3. **Instructor.** Shoulder Arthroscopy. Healthcare Explorers of Central Illinois. 18 April 2017. Springfield, IL.
4. **Facilitator.** *Leadership Springfield*. Clinical Skills Simulation; 17 November 2017. Springfield, IL.
5. **Panelist.** Healthcare Explorers of Central Illinois. Medical Student Panel; 26 January 2017. Springfield, IL.
6. **Reviewer.** *Social Accountability in Medical Schools: Student Toolkit*. (Document in preparation). International Federation of Medical Students' Associations (IFMSA); January 2017. Amsterdam, Netherlands.
7. **Facilitator.** *Leadership Springfield*. Clinical Skills Simulation; 18 November 2016. Springfield, IL.
8. **Reviewer.** *Research in Medical Education: A Primer for Medical Students*. American Association of Medical Colleges (AAMC) Organization of Student Representatives (OSR); 2015. Available at: <https://www.aamc.org/download/429856/data/mededresearchprimer.pdf>

EXTRACURRICULAR ACTIVITIES

Orthopaedic Interest Group , SIU SOM: Springfield, IL 62702	
Member	10/2014-5/2017
Resident Advisor	7/2018-present
Advisor: D. Gordon Allan, MD	
Surgery Interest Group , Executive Board Member, SIU SOM: Springfield, IL 62702	9/2015-5/2017
Advisor: Jarrod C. Wall, MB, BCh, PhD	
Medical Education Interest Group , Co-Chair, SIU SOM: Springfield, IL 62702	9/2014-5/2017
Advisor: Anna T. Cianciolo, PhD	

COMMUNITY INVOLVEMENT

Sports Medicine Resident Physician for Rochester High School Football , Rochester, IL 62563	8/2017-present
Supervisor: Diane Hillard-Sembell, MD	
Collegiate Sports Physical Examinations , University of Illinois: Springfield, IL 62704	8/2017 & 8/2018
Supervisor: Diane Hillard-Sembell, MD	
Student-run Health Outreach Program Free Clinic , Planning Committee: Springfield, IL	12/2014-1/2016
Advisor: Tracey Smith, DNP, PHCNS-BC, MS	

ELIZABETH MONTGOMERY COLLINS, MD, MPH, DTM

pediatrician with over 17 years' experience in academic medicine & international public health, with expertise in HIV, tropical medicine, policy, & global health diplomacy, and proven leadership and award-winning teaching in maternal-child global health

PERSONAL INFORMATION

Permanent home address: 1501 Locust St. #507, St. Louis, MO 63103
Citizenship: US
E-mail: ElizabethMontgomeryCollins@gmail.com
Phone: +1(314)605-8792 mobile

EDUCATION

Undergraduate education BS, Biology, With Distinction
University of Illinois
Champaign, Illinois
Aug 1987 – May 1991

Graduate education MS, Zoology
Eastern Illinois University
Charleston, Illinois
Sep 1991 – May 1992

Medical education MD
Southern Illinois University
Carbondale and Springfield, Illinois
Aug 1992 – May 1996

Graduate education MPH, With Distinction
Saint Louis University
St. Louis, Missouri
Aug 1996 – May 1997

Pediatric training Residency in Pediatrics
University of Louisville
Louisville, Kentucky
Jul 1997 – Jun 2000

Specialized training HIV & Tropical Medicine subspecialty training
Baylor International Pediatric AIDS Initiative (BIPAI)
Houston, Texas
Jul 2008 – Aug 2008

Diploma in Clinical Tropical Medicine & Travelers' Health
National School of Tropical Medicine, Baylor College of Medicine
Houston, Texas
Jan 2014 – Feb 2014

Board certification American Board of Pediatrics valid through Dec 2022

Medical licensure MO #2003021173 from Oct 2003 valid through Jan 2019
TX #N0994 valid through Aug 2020

GLOBAL ADVISING & CONSULTING

Senior Science Advisor
Office of the Secretary of State - Secretary's Office of Global Partnerships (S/GP)
U.S. Department of State
Jefferson Science Fellow Award- National Academies of Sciences, Engineering, & Medicine
Aug 2013 - Aug 2014 based in Washington, DC
Aug 2014 - present, available as a consultant to the State Department

Medecins Sans Frontieres/Doctors Without Borders
volunteer pediatric cases consultant
Aug 2014

MOST RECENT POSITION

Associate Professor
Section of Retrovirology & Global Health
Department of Pediatrics
Baylor International Pediatric AIDS Initiative (BIPAI)
Baylor College of Medicine
Houston, Texas
Jul 2008 – Sep 2016

Attending physician Baylor International Pediatric AIDS Initiative (BIPAI)
Houston, Texas; Francistown and Gaborone, Botswana; Mbeya, Tanzania

Global Lead, Center for Child Health Policy & Advocacy at Texas Children’s Hospital

Attending physician Pediatric Retrovirology Clinic

Attending physician Thomas Street Teen & Young Adult HIV Clinic Harris Health

Attending physician Travel Medicine Clinic, Texas Children’s Hospitals

Attending physician Pediatric Service, Ben Taub General Hospital, Harris Health

PREVIOUS PROFESSIONAL & MANAGERIAL EXPERIENCE

Assistant Professor
Division of General Academic Pediatrics
Department of Pediatrics
Saint Louis University
St. Louis, Missouri
Sep 2003 – Jun 2008

Director, Medicine Abroad Program

Director or Co-Director, Foreign Adoption Clinic and Educational Services (FACES)

Director, Saint Louis University's American Academy of Pediatrics Haiti Initiative

Director, Pediatric Advocacy & Community Education I & II rotations

Director, General Pediatrics Curriculum

Director, 3rd-year Pediatrics and Medicine-Pediatrics Resident Retreat

Co-Director, Weight Management Clinic

Attending physician, Cardinal Glennon Children's Medical Center inpatient service

Attending physician, University Pediatrics Clinic outpatient service

Attending physician, St. Mary's Hospital Newborn Nursery

Consulting physician, Department of Pediatrics Diagnostic Clinic

Assistant Professor (initially Clinical Instructor)
Division of Pediatric Emergency Medicine, Department of Pediatrics
University of Louisville
Louisville, Kentucky
Jul 2000 – Jun 2003

Medical Co-Director
Division of Communicable Diseases
Louisville and Jefferson County Health Department
Louisville, Kentucky
Oct 2000 – Jun 2001

HONORS & AWARDS

Fulbright & Jaworski Faculty Excellence Award for Educational Leadership
Aug 2016

Distinguished Alumni of the Year
Southern Illinois University School of Medicine
Award for Distinguished Service for "an outstanding commitment to the health & welfare of their patients and their community and for humanitarian activities"
May 2016

Fulbright & Jaworski Faculty Excellence Award for Teaching & Evaluation
Apr 2016

National Academies Jefferson Science Global Policy Fellow Award
National Academies of Sciences, Engineering, & Medicine
Aug 2013 - Aug 2014 based in Washington, DC

Visiting Professorship
Hopital de l'Université d'état d'Haiti, Port-au-Prince, Haiti
Pediatric HIV Program, St. Damien Hospital, Tabarre, Haiti
May 22 – 28, 2010

Excellence and Commitment to Continuity Clinic Practice Award
Children & Youth Project Clinic
University of Louisville
Jun 2000

Graduation with Distinction
Saint Louis University School of Public Health
May 1997

Illinois General Assembly, Illinois Hospital Association, Sarah Bush Lincoln Health Center
Scholarships for Southern Illinois University School of Medicine
Aug 1992 – May 1996

Graduation With Distinction
University of Illinois
May 1991

INTERNATIONAL & NATIONAL COMMITTEES

Co-Leader, Professional Education Work Group
Immigrant Health Special Interest Group
Council on Community Pediatrics
American Academy of Pediatrics
led all calls; created agendas/minutes & series of 4 webinars (speaker for 1, contributor to 3)
Oct 2017 - present

Committee on Pediatric AIDS (COPA)
American Academy of Pediatrics
1 of 6 voting members
Jul 2012 – Jul 2018 (three 2-year appointed terms)

Section on International Child Health (SOICH) Executive Committee
American Academy of Pediatrics
1 of 6 voting members
Nov 2008 - Nov 2014 (two 3-year elected terms)

Chairperson, Policy Committee

Founding Oversight Chairperson, Advocacy & Policy Committees

Founding Chairperson, Development (Fundraising and Strategic Planning) Committee

Co-Chairperson, SOICH Annual Program, AAP National Conference & Exhibition

Education Subcommittee member

SAINT LOUIS UNIVERSITY COMMITTEES

Head, International Health Center Ad Hoc Committee

CARDINAL GLENNON CHILDREN'S MEDICAL CENTER COMMITTEES

Mentoring Committee

Junior Faculty Committee

Residency Review Committee (RRC) Task Force on Continuity Clinic/Ambulatory Committee

UNIVERSITY OF LOUISVILLE COMMITTEES

Kosair Children's Hospital Infection Control Committee

SCIENTIFIC REVIEWING & ADVISING

Associate Editor

Journal of Tropical Pediatrics

Oxford University Press

May 2017 - present

manuscript reviewer

The American Journal of Tropical Medicine and Hygiene

July 2018 - present

manuscript reviewer

Pediatrics journal

Nov 2015 - present

Jefferson Science Fellowship Selection Committee annual applicant reviewer

National Academies of Sciences, Engineering, & Medicine

Jan 2015 - present

abstract reviewer, Annual Global Health Abstract Symposium

Section on International Child Health, American Academy of Pediatrics

Oct 2012

Co-Editor, Abstract Issues

Section on International Child Health Newsletter Editorial Board

American Academy of Pediatrics

Feb 2008 - Feb 2011

Abstract Review Committee
2004 Romanian-American Pediatric Symposium
Jul 2004

Research and Evaluation Committee
Health Promotion Schools of Excellence, Jefferson County, KY
Jul 1997 – Jun 2003

PROFESSIONAL SOCIETY MEMBERSHIPS

United Nations Association - USA
Global Health Council
American Academy of Pediatrics
American Medical Association

COURSES, LECTURES, & WORKSHOPS

over 70 original lectures given at local, regional, national, and international level on pediatrics, HIV, global health, international adoption, fetal alcohol syndrome, and tropical medicine
list available upon request

INTERNATIONAL SERVICE, ADVOCACY & POLICY, VOLUNTEERISM, & COMMUNITY OUTREACH ACTIVITIES

faculty, CATCH Innovation Labs: Immigrant Health

Community Access to Child Health, American Academy of Pediatrics
2018 Aug – present

volunteer, Medical Review for Immigrants

2018 Jul - present

WHO World Health Assembly delegate, Global Health Council

wrote content for two American Academy of Pediatrics/Global Health Council policy statements
Geneva, Switzerland
2018 May

United Nations Association USA Representative

United Nations Commission on the Status of Women - Empowering Rural Women & Girls
selected as 1 of 15 representatives from over 230 candidates
New York, New York
2018 Mar

World Health Organization (WHO) Executive Board Mtg delegate, Global Health Council

read official policy statement on behalf of Global Health Council, supported by NCD Child, AAP
Geneva, Switzerland
2018 Jan

World Health Assembly delegate, Global Health Council

Geneva, Switzerland
2017 May

advisor, Master of Public Health Thesis Committee
2016 - 2018

mentor, quality improvement projects, Fellows College, Baylor College of Medicine
2015 - 2017

Global Vaccine Champion, United Nations Foundation Shot@Life
Jan 2015 - present

mentor, Global Child Health Pediatric Residency program
2010 - 2014

mentor, International/Global Health Track medical students, Baylor College of Medicine
2009 - 2017 for 12 students

mentor, medical student Longitudinal Ambulatory Clinical Experience (LACE) program
2012- 2015 for 3 students

mentor, Baylor College of Medicine Summer Medical & Research Training (SMART) program for undergraduate PhD candidates
2014 - 2017 for 21 students

volunteer physician, Smile Train and Sean Penn's Haiti Relief Organization (J/P HRO)
Port-au-Prince, Haiti
2010 May 8-21

delegate to Russia, People to People Ambassador Program
American Academy of Pediatrics delegation
2008 May

volunteer physician, La Clinica Latino Community Health Center
Aug 2005 – Jun 2008

fundraiser coordinator and hostess Pan-African Organization of Health, Education, and Research; Health Care Ambassadors - Tanzanian Health Professionals
2007 Dec

fundraiser coordinator and hostess Happy Hour for Haiti
2007 Oct

advisor and mentor, School of Medicine, Saint Louis University
4 students that all became pediatricians
2004 - 2007

mentor, resident quality assessment/quality improvement projects, Department of Pediatrics, Saint Louis University
2 residents
Jul 2004 - Jun 2006

community clinic volunteer preceptor

Practice of Medicine Course - Washington University in St. Louis School of Medicine
Aug 2005 - Jun 2008

volunteer physician, Hurricane Katrina relief

Louisiana
2005 Sep

volunteer role model, Our Little Haven residential foster home

St. Louis, Missouri
Oct 2004 – Jun 2008

volunteer lecturer, Children's Hope International Adoption Agency

Illinois and Missouri
Sep 2003 – Jun 2006

volunteer physician, community clinic and hospital

San Juan de la Maguana, Dominican Republic
2003 Aug

volunteer physician, Romanian Assistance Project, Humana Foundation

Romania and Moldova
2002 Nov

Board member, Supplies Over Seas

Jefferson County, Kentucky
Jul 2002 – Jun 2003

visiting resident physician, Marie Curie Children's Hospital

Bucharest, Romania
2000 Apr

visiting resident physician, Amazon Medical Missions

Amazon River basin, Peru
1999 Apr

visiting medical student, Embangweni Hospital & remote health centers

Embangweni, Malawi
Apr 1996 – May 1996

marathon runner and fundraiser, National Marathon Team

Leukemia Society
1995 Oct

Founding Chapter President, American Medical Women's Association

Southern Illinois University School of Medicine branch
1992 - 1996

PUBLICATIONS

9 medical articles in peer-reviewed journals

1 medical book

7 peer-reviewed blogs or other publications

1 resolution - accepted by the American Academy of Pediatrics

1 undergraduate thesis - granted Departmental Distinction
available upon request

PUBLICATIONS IN PROGRESS

9 papers in preparation for publication

3 policy statements/clinical reports accepted and in process for *Pediatrics*

1 peer-reviewed editorial

available upon request

ABSTRACTS

27 abstracts published or presented at local, national, or international conferences or forums
available upon request

RESEARCH SUPPORT & ADVOCACY GRANTS RECEIVED

23 grants totaling \$285,618 received since 2000

available upon request

PROFESSIONAL EDUCATIONAL & LEADERSHIP DEVELOPMENT

187 hours since 2009

available upon request

LANGUAGES

Spanish - intermediate reader/speaker/writer

Romanian - beginner reader/speaker

Swahili - beginner reader/speaker

Italian - beginner

Portuguese - beginner

updated September 13, 2018

MARISSA L. FEENEY, M.D.
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E-mail: mfeeney@topsoilfp.com

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SEP 02 2016

CURRICULUM VITAE

EDUCATION:

Doctor of Medicine (M.D.), conferred 05/1997
Southern Illinois University School of Medicine, Springfield, IL, USA (1993-1997)
Bachelor of Arts (B.A.), Biology and Chemistry, conferred 06/1992
Southern Illinois University at Edwardsville, Edwardsville, IL, USA (1988-1992)

CERTIFICATIONS:

Diplomate, American Board of Pathology
Primary Certification: Combined Anatomic and Clinical Pathology - 06/2002
Subspecialty Certification : Forensic Pathology - 09/2003
Illinois State Medical License: Issued 06/2016 (registered through 07/2017)
New York State Medical License: Issued 02/2002 (registered through 01/2017)
Medical Council of New Zealand Practicing Certificate
Vocational registration (Pathology) - 11/2012 through 05/2015 (currently inactive)
Texas State Medical License: Issued 12/2004 (currently inactive)
U.S.M.L.E.: Passed: Step 1- 06/1995 ; Step II - 08/1996; Step III-11/2001
Level A Hazardous Materials Awareness and Operations Certifications: 12/2002
PADI Rescue Diver Certification: 01/2001
B.C.L.S. and A.C.L.S. Certification: 06/1997

POST-GRADUATE TRAINING AND EMPLOYMENT:

TopSOIL Forensic Pathology Service Corporation, Vandalia, IL, USA
Regional Forensic Pathologist (08/2016-present)
Office of Chief Medical Examiner, New York, NY, USA
City Medical Examiner - Level II (05/2015-04/2016)
National Forensic Pathology Service of New Zealand
Regional Forensic Pathologist, Wellington (11/2011-04/2015)
Harris County Institute of Forensic Sciences, Houston, TX, USA
Assistant Medical Examiner (11/2004-10/2011)
Office of Chief Medical Examiner, New York, NY, USA
City Medical Examiner - Level II (09/2003-09/2004)
City Medical Examiner - Level I (07/2002-09/2003)
St. Vincent's Catholic Medical Center, New York, NY, USA
Chief Resident, Department of Pathology (07/2000-06/2002)
Resident, Department of Pathology (07/1998-06/2000)
Staten Island University Hospital, Staten Island, NY, USA
Resident, Department of Obstetrics and Gynecology (07/1997-06/1998)

ADDITIONAL EMPLOYMENT HISTORY:

Barnes Hospital, St. Louis, MO, USA
Medical Technologist, Chemistry and Toxicology (09/1992-08/1993)
Volunteer (10/1992-08/1993)
Southern Illinois University at Edwardsville, Edwardsville, IL, USA
Graduate Teaching Assistant, Department of Chemistry (09/1991-06/1992)
Student Worker, Government Documents, Lovejoy Library (09/1988-08/1991)

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E-mail: mfeeney@topsoilfp.com

CURRICULUM VITAE (cont.)

FACULTY POSITIONS:

State University of New York Downstate Medical Center, Brooklyn, NY, USA
Clinical Assistant Professor, Department of Pathology (2015-2016)
New York University School of Medicine, New York, NY, USA
Adjunct Professor of Forensic Medicine and Pathology (2015-2016)
Clinical Assistant Professor of Forensic Medicine (2003-2004)
Clinical Instructor of Forensic Medicine (2002-2003)
University of Texas Health Science Center, Houston, TX, USA
Volunteer Faculty Member (2005-2011)
Baylor College of Medicine, Houston, TX, USA
Adjunct Assistant Professor (2005-2011)

PROFESSIONAL ASSOCIATIONS:

American Academy of Forensic Science (Trainee Affiliate), 2002-2003
American Society for Clinical Pathology, 2000-2003
Resident Liaison 2000-2002
College of American Pathologists (Junior Fellow), 1998-2003
American Medical Association, 1993-2003

BIBLIOGRAPHY:

Poster Presentations:

Xu B, Feeney ML, Wolf DA, Sanchez LA. On pins and needles: manner of death when an unusual form of self-mutilation leads to fatal consequences. Presented at the American Academy of Forensic Sciences Annual Meeting, San Antonio, Texas, February 2007.

Publications:

Adeonigbagbe O, Lee C, Karowe M, Feeney M, Wallack M, Montes M, Washington M. A Brunner's gland adenoma as a cause of anemia. J Clin Gastroenterol 1999 Sep;29(2): 193-6.

Madelyn O'Malley

2019 Greenbriar Rd. Springfield, IL 62704
217-836-0005 – momalley42@siumed.edu

Education

- Southern Illinois University School of Medicine – Springfield, IL** July 2019- Present
Family and Community Medicine Resident
Anticipated graduation: June 2022
- Southern Illinois University School of Medicine – Springfield, IL** August 2015- May 2019
Doctor of Medicine
- Indiana University – Bloomington, IN** August 2010- May 2014
Bachelor of Science in Health Administration

Leadership and Mentorship

- PBL Tutor Group Leader** Fall 2018
- Will facilitate small group discussions among 2nd year medical students throughout the Hematology, Immunology and Infectious Disease unit.
- Students As Teachers** Summer 2018
- Designed the doctoring curriculum for M2 students during orientation week including standardized patient encounters, lectures, and small group activities
 - Will give lectures throughout the week and lead break out discussions throughout the week
 - Will observe students and give feedback on standardized patient encounters
- Coachability Curriculum Committee, Medical Education Interest Group** 2017-2018
- Helped redesign a coachability curriculum for first and second year medical students that aims to teach students skills necessary to be successful throughout Y3 clerkships
 - Taught small group lessons covering goal setting, growth mindsets, and emotional intelligence
- Student Ambassador** 2016-2017
- Led school tours for medical school applicants
- MCLI Internship** Summer 2015 and 2016

- Prepared and facilitated simulations for Emergency Medicine residents
- Set up and recorded stations for General Surgery residents during their Surgical Skills Bootcamp
- Attended workshops on effective communication, EKG interpretation, and Lean Six Sigma

Research Experience

Anna Cianciolo PhD, **Madelyn Fetter**, Dominac Antonacci. *Clerkship Students' Study Habits, Stress, and Academic Outcomes in the First Year of Y3T.*

- Presented at SIU Teaching and Learning Symposium

Elle Murray, **Madelyn Fetter**, Anna Cianciolo, Allen Garheeb. *Coachability: A Student-Led Curriculum to Promote Clinical Learning.*

- To be published in *Medical Education* November 2018

Madelyn Fetter, Anna Cianciolo, Randall Robbs. *Clerkship Curriculum Design and USMLE Step 2 Performance: Exploring the Impact of Self-Regulated Exam Preparation.*

- Submitted to *Medical Science Educator*

Community Service

Girls on the Run

2018-2019

- Facilitated twice weekly meetings and activities with elementary aged girls that encourage positive emotional, social, mental and physical development
- Participated in training runs with the group leading up to the Girls on the Run 5K

Hotspotting

2018

2017-

- Worked with a multidisciplinary team to address the unique needs of ER super-utilizers.
- Participated in home visits and served as a patient advocate
- Learned and practiced motivational interviewing, trauma informed care, and harm reduction

Enos Park Community Garden, Day of Service

2018

April 2017 &

- Pulled weeds, helped mulch, and collected trash for local neighborhood community garden

Junaia P. Carter Memorial 5K

2017

March

- Participated in set up of the 5K course, finish line, and aid stations
- Helped time runners during the event

Relay for Life

2016

April

- Fundraised and participated in the Jackson county Relay for Life

Medical Mission in Tanzania, Africa

July 2015

- Worked in the Tumani Health Clinic in Arusha, Tanzania providing well child checks and prenatal care
- Provided screenings for HIV and malaria

CURRICULUM VITAE

NICOLE A. FLORENCE, M.D.

Personal Data:

Birthdate: April 26, 1969
Birthplace: Champaign, IL
Citizenship: United States
Marital Status:

Residence: 2012 Redland
Springfield, Illinois 62711

Business: Memorial Physician Services – Koke Mill
3132 Old Jacksonville Road Suite 200
Springfield, Illinois 62704
217-862-0804

Premedical Education:

1987-1991 University of Illinois
Champaign, Illinois
B.S. Biology

Medical Education:

1992-1996 Southern Illinois University School of Medicine
Springfield, Illinois
Doctor of Medicine

Post-Graduate Training:

1996-2000 Southern Illinois University School of Medicine
Springfield, Illinois
Combined Internal Medicine/Pediatric Residency

Practice Experience:

Healthcare Network Associates d/b/a Urgent Care (Koke Mill)
Springfield, Illinois

2001-Present Memorial Physician Services – Koke Mill
Springfield, Illinois

2013-Present Medical Director of Memorial Weight Loss and Wellness Center

Medical Licensure: Illinois, No. 036-100158

Board Certification:

2008 American Board of Pediatrics – 2018 recertified
2001 American Board of Internal Medicine – 2011 recertified
2013 American Board of Bariatric Medicine

Nicole A Florence, M.D.
Curriculum Vitae
Page 2

Staff Privileges:

Memorial Medical Center, Springfield, Illinois
St. John's Hospital, Springfield, Illinois – Courtesy only

Activities:

Medical Director of Memorial Wellness Program
Clinical Assoc. Professor SIU School of Medicine
Medical Director Oak Terrace Nursing Home (2000-2010)
Admissions Committee of SIU School of Medicine (4 years)
Minority Representative of Student Progress Committee (1 year)
Moderator/Participant Medical School Admissions Seminars (2 years)
Class Representative
Moderator HIV/AIDS Awareness (2006)
Sports Physicals Grant Middle School (2000-2009)
Volunteer at Vachel Lindsay Elementary School (2001 – 2009)

**Professional
Memberships:**

American Medical Association
Illinois State Medical Society
Sangamon County Medical Society
American College of Physicians

Curriculum Vitae

Jason R. Gillihan, M.D.

Date: July 28, 2016

1. Personal Information:

- a. Sex: Male
- b. Date of Birth: June 26, 1976
- c. Place of Birth: Olney, IL

2. Citizenship:

USA Yes Other _ _ _
Visa Status / Type

3. Address and Telephone Numbers:

- a. Office: 660 S. Euclid Ave, St. Louis, MO 63110; 314-286-0618
- b. Home: 23 Willow Hill Rd, Ladue, MO 63124; 314-475-5288

4. Present Position:

Assistant Professor of Anesthesiology, Washington University in St. Louis/Barnes-Jewish Hospital

5. Education:

- a. Associate Degree in Nursing, Wabash Valley College 1998
- b. Undergraduate: B.S., Major-Biology, University of Southern Indiana 2002
- c. Graduate: M.D., Southern Illinois University School of Medicine 2006
- d. Postgraduate: Internship-Internal Medicine, Southern Illinois University/St. John's Hospital, Springfield, IL 2006-2007; Residency in Anesthesiology, Washington University in St. Louis/Barnes Jewish Hospital 2007-2009; Chief Resident in Anesthesiology, Washington University in St. Louis/Barnes-Jewish Hospital 2009-2010

6. Academic Positions / Employment : Assistant Professor of Anesthesiology, Interim Director of Clinical Anesthesiology (6/6/2016 to present); Assistant Section Chief, Trauma Anesthesiology; Washington University in St. Louis/Barnes-Jewish Hospital (7/8/2013-present)

7. University and Hospital Appointments and Committees:

Washington University in St. Louis/Barnes-Jewish Hospital: Assistant Professor, Anesthesiology (7/8/2013-present)

Anesthesiology Liaison to Trauma PI Committee, Washington University in St. Louis/Barnes-Jewish Hospital (7/1/2014-present)

Goldfarb School of Nursing at Barnes-Jewish College: Medical Advisor to the Nurse Anesthesia Program (7/1/2014-present)

Wabash General Hospital: Staff Anesthesiologist and Director of the Department of Anesthesiology (2010-2013), Vice-Chief of Medical Staff (2012), Chief of Medical Staff (2013), EMR Physician Champion (2011-2013), Chair-Medical Record Committee (2012-2013), QA/QI Committee Member (2013), Chair-Medical Executive Committee (2013), Interim ER Director (4/2013-7/2013)

8. Medical Licensure and Board Certification:

Indiana, License No: 01071602A, Expires 10/31/2017

Missouri License No: 2013007993, Expires 1/31/2017

American Board of Anesthesiology, Certificate No: 49389, Exp. 12/31/2022

9. Military Service:

- a. US Army Retired, at rank of Lieutenant Colonel (Promotable). 23 years of cumulative military service, Iraq War Veteran (Operation New Dawn 2010-2011). Deployment to Womack Army Medical Hospital (Dec 2013-Apr 2014) in support of Operation Enduring Freedom.
- b. Command Experience includes Executive Officer of 135th Engineer Co, IL ARNG (2001-2002), Commander of the State Medical Detachment of IL ARNG (2007-2009), State Aviation Medicine Officer for IL ARNG (2009-2010).
- c. Secondary Military Occupational Specialties of Flight Surgeon (61N) and Engineer Officer (21A).

10. Honors and Awards:

Graduate, Washington University in St. Louis School of Medicine Academic Medical Leadership Program for Physicians and Scientists 2016

Outstanding Teacher Award, Department of Anesthesiology, Washington University in St. Louis (2014-2015 academic year)

Army Commendation Medal-Operation New Dawn (Iraq) 2011

Chief Resident, Washington University in St. Louis 2009-2010

Dean's List, US Army Flight Surgeon's Primary Course 2006

Chair, Student Assembly, SIU School of Medicine 2005-2006

10. Honors and Awards (continued):

Chair, Class of 2006, SIU School of Medicine 2003-2006
Distinguished Honor Graduate, US Army Engineer Officer Basic Course 2001
Pinnacle Adult Honor Society 2001
University of Southern Indiana Alpha Kappa Chapter of Sigma Zeta 2000
Golden Key National Honor Society 2000
University of Southern Indiana Honor List 1999
Illinois Eastern Community Colleges CEO's Academic Honor Award 1996
Wabash Valley College President's Academic Award 1995

11. Editorial Responsibilities: *N/A*

12. Professional Societies and Organizations:

American Society of Anesthesiologists
Missouri Society of Anesthesiologists
Trauma Anesthesia Society (Founding Member)
Association of Military Surgeons of United States

13. Major Invited Professorships and Lectureships: *N/A*

14. Consulting Relationships and Board Memberships:

Member, Wabash County, IL Board of Health 2011-2012
President Elect Wabash County, IL Board of Health 2012-2013

15. Research Support (role, title, duration, amount):

- a. Governmental: *N/A*
- b. Non-governmental: *N/A*

16. Patents: *N/A*

17. Clinical Title and Responsibilities: Interim Director of Clinical Anesthesiology,
Washington University in St. Louis/Barnes-Jewish Hospital

18. Teaching Title and Responsibilities: Assistant Professor of Anesthesiology,
Sections of Trauma and Obstetric Anesthesia, Washington University in St.
Louis/Barnes-Jewish Hospital

19. Bibliography:

a. Peer reviewed:

Mortality and Ratio of Blood Products Used in Patients With Severe Trauma,
Mohammad A. Helwani, MD, MSPH; Jason R. Gillihan , MD
JAMA. 2015 ;313(20):20 78

b. Invited publications: *N/A*

c. Movies, videotapes, etc.: *N/A*

Martha L. Hlafka, M.D.
801 N. Rutledge, P.O. Box 19628
Springfield, Illinois 62794-9628
P: (217) 545-9386
F: (217) 545-7127
mhlafka@siumed.edu

Education

Residency, Internal Medicine University of Iowa Hospitals and Clinics, Iowa City, IA	6/2009 - 6/2012
Doctor of Medicine Southern Illinois University School of Medicine, Springfield, IL	8/2005 - 5/2009
Bachelor of Science Major: Chemistry, Major: Biology Illinois State University, Normal, IL	8/1988 - 5/1992

Current Position

Assistant Professor of Clinical Medicine, General Internal Medicine Southern Illinois University School of Medicine, Springfield, IL	7/2013 - Present
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Professional Experience

Southern Illinois University School of Medicine, Springfield, IL:

Clerkship Director, Internal Medicine	7/2016 – Present
PEP Director, Internal Medicine	7/2016 - Present
Associate Clerkship Director, Internal Medicine	11/2013 – 6/2016
Co-Director, Sub-Internship in Internal Medicine	8/2013 – 12/2015

University of Iowa Hospitals and Clinics, Iowa City, IA

Chief Resident, Internal Medicine	7/2012 - 6/2013
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Academic Appointments

Assistant Professor of Clinical Medicine, General Internal Medicine Southern Illinois University School of Medicine, Springfield, IL	7/2013 - Present
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Other Positions and Employment

Validation Engineer/Independent Contractor ProPharma Group, Inc, Overland Park, KS	2005 – 2006
Finisher, Genome Sequencing Center Washington University School of Medicine, St. Louis, MO	2004 – 2005
Production Superintendent, Cold Products - Nuclear Medicine Tyco Healthcare/Mallinckrodt, Maryland Heights, MO	2001 – 2004
Associate Peptide Supervisor Mallinckrodt, Inc, St. Louis MO	1997 – 2001
Chemist/Purification Coordinator, Peptides Mallinckrodt, Inc, St. Louis, MO	1993 – 1997

Licensure and Certification

Diplomate, American Board of Internal Medicine	2012 – 2022
Illinois Department of Financial and Professional Regulation (active)	2017 – 2020
Iowa Board of Medicine (inactive)	2012 – 2014

Faculty Development Certificate Activities

InsideOut Coaching: Helping Others Achieve Performance Breakthroughs Southern Illinois University School of Medicine	January 8, 2016
Teaching Educators Across the Continuum of Healthcare (TEACH) Society of General Internal Medicine, 4/2014 - 4/2015	April, 2015
Stanford Faculty Development Clinical Teaching Course Southern Illinois University School of Medicine	November, 2014
Six Sigma White Belt Training Memorial Medical Center, Springfield, Illinois	January, 2014
Fellows as Clinician Educators (FACE) University of Iowa Hospitals and Clinics	June, 2013

Professional Memberships and Activities

American College of Physicians	
Fellow	2016 - Present
2018 ACP National Meeting Activities	
- Point of Care Ultrasound Precourse	April, 2018
- Moderator, Medical Student Poster Competition Awards	April, 2018
- Doctor's Dilemma Competition Question Review	April, 2018
- Clinical Vignettes Submission Review	December, 2017
Delegate to ACP Academic Advisory Board	2017 – Present
- Associated Training: Public Policy, Persuasive Public Speaking, Business of Medicine, ACP Educational Resources for Members and Medical Educators	2017
ACP Junior Representative to AAMC's CFAS	2016 – Present
- AAMC National Meeting Attendee	2016, 2017
- CFAS Business Meeting Attendee	February, 2017
Reviewer: 2017 ACP National Meeting, Clinical Vignettes	December, 2016
Member	2013 - 2015
Associate Member	2009 - 2013
Medical Student Member	2008 - 2009
Society of General Internal Medicine	
Institutional Champion, SIU School of Medicine	April, 2015 – Present
Reviewer: SGIM Midwest 2018 Regional Meeting Abstracts	June, 2018
Reviewer: SGIM 2018 National Meeting, Clinical Vignettes Medical Education Workshops	January, 2018 October 2017
Reviewer: SGIM Midwest 2017 Regional Meeting Abstracts	June, 2017
Reviewer: SGIM 2017 National Meeting, Clinical Vignettes Hospital Medicine Workshops	January, 2017 October, 2016
Reviewer: SGIM 2016 National Meeting, Clinical Vignettes Hospital Medicine Workshops	January, 2016 October, 2015
Reviewer: SGIM Midwest 2015 Regional Meeting Abstracts	June, 2015
Reviewer: SGIM 2015 International Meeting, Medical Education Workshop Submissions	October, 2014
Member	2013 - Present
Society of Hospital Medicine	
Member	2016 - Present
Alliance for Academic Internal Medicine	
Clerkship Directors in Internal Medicine, Member	2014 – Present
New Clerkship Director Precourse	March, 2017
APDIM Chief Residents Program	April, 2012
Alpha Omega Alpha Honor Medical Society	2009 - Present
Elected as student member, SIU School of Medicine	

The Gold Humanism Honor Society, The Arnold P. Gold Foundation
Elected as Leonard Tow Faculty member, SIU School of Medicine 2015- Present

American Medical Association
Member 2012 – 2016

Honors and Awards

Rising Star Faculty Award 2017-2018
Department of Internal Medicine
SIU School of Medicine

Leonard Tow Humanism in Medicine Award May, 2015
The Arnold P. Gold Foundation
SIU School of Medicine

The Gold Humanism Honor Society May, 2015
The Arnold P. Gold Foundation
Elected as Tow Faculty member, SIU School of Medicine

Early Career Women Faculty Development Seminar July, 2014
Association of American Medical Colleges

Society of General Internal Medicine TEACH Program, 2014 Class 4/2014 – 4/2015
(Teaching Educators Across the Continuum of Healthcare)

Outstanding Intern, Internal Medicine Residency Program June, 2010
University of Iowa Hospitals and Clinics

Alpha Omega Alpha Honor Medical Society April, 2009
Elected as student member, SIU School of Medicine

Satu M. Somani Memorial Award in Pharmacology and Therapeutics May, 2009
Southern Illinois University School of Medicine

AAN Medical Student Prize for Excellence in Neurology May, 2009
SIU School of Medicine, American Academy of Neurology

Committee Assignments and Administrative Services

Southern Illinois University School of Medicine, Springfield, IL:

Educational Policy Committee, Clinical At-Large Member	2016 – Present
Summative Clinical Competency Exam Committee	2013 – Present
Year 3 Curriculum Advisory Committee	2014 – Present
- Committee Vice Chair	2017 – Present
- Assessment Subcommittee	2014 – Present
- PEP Subcommittee	2015 – Present
- Faculty and Resident Development Subcommittee	2017 – Present
Residency Candidate Interviews	2013 – Present
Clerkship Advisor	2016 - Present
Internal Medicine Clerkship Mentor	2013 – 2016
Year 4 Student Advisor	2014 – Present
Medical Student Internal Medicine Interest Group	
- Faculty Sponsor	2017 – Present
American Women Medical Association	
- Student Chapter Faculty Sponsor	2016 - Present

Memorial Medical Center, Springfield, Illinois:

Test Utilization Committee	2014 – Present
Notification of Positive Blood Cultures Task Force	Jan – March, 2018

Educational Activities

Teaching Portfolio available at <https://mlhlafka.wordpress.com/>

Publications

Lin J, **Hlafka M**, Vargas O, Bhattarai M. "Recurrent Purple Urine Bag Syndrome Presenting with Full Spectrum of Disease Severity: Case Report and Review of Literature." *CEN Case Reports*. Published online 25 January 2016. DOI: 10.1007/s13730-016-0213-6

Hlafka M. "Seizures and Epilepsy." *IM Essentials Text*. Ed. Masters P, Appelbaum J, De Fer T, Hingle S, Trowbridge R, Vu T. pp. 339 - 343. 2015

Hlafka, M. "Neurology," questions 29,30. *IM Essentials Questions*. Ed. Masters P, Appelbaum J, De Fer T, Hingle S, Trowbridge R, Vu T. pp. 237, 250. 2015

Abstracts and Presentations

Oral Presentations

Hlafka M. "X Marks the Spot: A Case of a Transient Acquired Factor X Deficiency." University of Iowa Carver College of Medicine, Department of Internal Medicine Grand Rounds. June 6, 2013.

Johnson K, **Hlafka M**, Smock J, Kamath A, Vogelgesang S. "Patient Safety: Restructuring M & M Conferences." University of Iowa Carver College of Medicine, Division of Internal Medicine. Quality Improvement and Patient Safety Symposium: Incorporating Quality and Safety into Everyday Practice. May 9, 2013.

Posters

Hlafka M, Kamath A, Johnson K. "Implementation of "Just in Time" Communication in Patient Transfers from a Medical Intensive Care Unit (MICU) to General Medicine Wards." University of Iowa Carver College of Medicine. Department of Internal Medicine Research Day, February 14, 2013.

Hlafka M, Rowat J, Szot J, Harris K, Vogelgesang S, Suneja M. "Teaching Clinical Reasoning: An Innovative Approach." University of Iowa Carver College of Medicine. GME Symposium, May 16, 2013.

Public Appearances

Keynote Speaker, SIU School of Medicine White Coat Ceremony, August 12, 2016.

Panelist, "Women In Medicine." *Diversity Enrichment Week*, hosted by SIU Department of Diversity, Multicultural and Minority Affairs. October 27, 2014.

SEAN HOLLONBECK, MD, MPH, SFS

Colonel, Medical Corps, United States Army

June 2017

HOME ADDRESS:	5123 HWY 331 N Defuniak Springs, FL 32433	WORK ADDRESS:	USAARL 6901 Farrel Road Fort Rucker, AL 36362-5333
TELEPHONE:	912.596.9660	TELEPHONE:	334.255.6898
EMAIL:	sahollonbeck@gmail.com	EMAIL:	sean.a.hollonbeck.mil@mail.mil

UNDERGRADUATE EDUCATION: Cornell College
Mt Vernon, IA, 1988
University of Illinois
Champaign-Urbana, Illinois
Bachelor of Science in Biology, 1989-1992

GRADUATE SCHOOL: University of Texas Medical Branch
Galveston, Texas, 2005-2006
Master of Public Health

Command and General Staff College
Fort Leavenworth, Kansas, 2010
ILE Graduate
Masters of Military Arts & Science (pending thesis final draft)

MEDICAL SCHOOL: Southern Illinois University School of Medicine
Springfield, Illinois
Doctorate of Medicine, 1997

RESIDENCY: Aerospace Medicine
Naval Air Station
Pensacola, Florida, 2006-2007

Family Practice
Martin Army Community Hospital
Fort Benning, Georgia, 1997-2000

MEDICAL LICENSE: State of Georgia 1999-Present
Board Certified Family Practice, 2001

MEDICAL COURSES: Completed ACLS, ATLS, NALS, PALS
Combat Casualty Care Course (C4), 1999
ACLS Instructor, 2000-2009
ATLS Instructor Course, 2010
EMT-B, BLS, & CLS Instructor
Special Operations Medical Indoctrination Course, 2000
Chemical and Biological Casualty Care Course, 2002
Basic and Advanced Disaster Life Support Courses, 2003
Medical Effects of Ionizing Radiation Courses, 2003

United States Air Force Global Patient Movement Course, 2006
United States Army Aeromedical Evacuation Course, 2007
United States Army Tactical Combat Medical Casualty Course, 2007
Homeland Security Medical Executive Leaders Course, 2007
PALS Instructor and Potential Candidate, 2008

**MILITARY AWARDS, HONORS,
& CERTIFICATIONS:**

Army Service Ribbon- 1987
National Defense Service Ribbon- 1991, 2001
Army Achievement Medal- 1991
Army Commendation Medal- 2000
Esprit de Corp Award- 2000; MACH Award- 2000
Overseas Service Ribbon- 2000
Armed Forces Expeditionary Medal- 2000
U.S. Army Flight Surgeon Badge- 2000; Senior Flight Surgeon- 2008
Joint Service Achievement Medal- 2001
Parachutist Badge- 2001
British Airborne Wings- 2001
Combat Medical Badge- 2002
Air Medal- 2002, 2003
Afghanistan Campaign Medal- 2002, 2013, 2014
Iraqi Campaign Medal-2003, 2009
Joint Service Commendation Medal- 2004
Global War on Terrorism Service Medal-2004
Meritorious Service Medal- 2005, 2009, 2011,2013, 2015
Bronze Star- 2009
Society of U.S. Army Flight Surgeons Aeromedical Outstanding Achievement Award- 2009
Order of Saint Michael (Bronze Award)- 2009

MILITARY SERVICE:

B Co 1-131 INF Enlisted Infantryman, Illinois ARNG, Rockford, Illinois, 1987-1992
C Co 634th SPT BN Officer, Illinois ARNG, Springfield, Illinois, 1993
USAR HPSP Program, 1993-1997
MEDDAC Fort Benning Family Practice Residency, 1997-2000
Flight Surgeon 3/160th Special Operations Aviation Regiment (Airborne), Hunter AAF, 2000-2003
Combat Tours: OEF Afghanistan, 2001-2002; OIF Iraq, 2003
OIC LJAHC Gold Team, Fort McPherson, GA, 2003-2005
Army Navy Aerospace Residency, 2005-2007
Flight Surgeon 4/3 Armored Cavalry Regiment, Fort Hood, Texas
Task Force XII, Task Force 49, and Task Force 449 Brigade Surgeon OIF, 2007-2009
CGSC In-Residence, 2009-2010
MEDDAC Fort Leavenworth, Kansas, DCCS 2010-2011
MEDDAC Fort Rucker, Alabama, DCCS 2011-2013
7th Special Forces, Eglin Air Force Base, Florida 2013-2015
US Army Aeromedical research Laboratory, APPD Division Chief, Fort Rucker AL 2015-2017
US Army Aeromedical Research Laboratory Deputy Commander 2017 until retiring June 2018.

SCHOOLS:

Army Basic & Advanced Individual Training, 11B, 1988
Officer Basic Course, 1992

Primary Flight Surgeon's Course, 2000
U.S. Army Parachutist School, 2001
SOAR (A) Green Platoon, 2001
Survival Escape Resistance and Evasion (SERE-C), 2001
Constructive Credit Granted for Officer Advance Course, 2005
Navy Flight Surgeon Course, 2006
Navy Safety Officer Course (NASO), 2006
CGSC In Residence, 2009-2010
Marine Corps LINES Instructor, 2009
Army Combatives Level I Instructor, 2010

PROFESSIONAL SOCIETIES:

Member, Aerospace Medical Association
Member, American Academy of Family Practice
Member, American Medical Association
Member, Association of the U.S. Army
Member, American Board of Preventive Medicine
Member, Society of U.S. Navy Flight Surgeons
Member, Society of U.S. Army Flight Surgeons
Member, Special Operations Medical Association
(Not all memberships are current)

**PROFESSIONAL
APPOINTMENTS:**

Staff Physical Tuttle Army Health Clinic, Hunter Army Airfield and Winn
Army Community Hospital, Fort Stewart, 2000-2003
Staff Physician Lawrence Joel Army Health Clinic, Fort McPherson and
Eisenhower Army Medical Center, Fort Gordon, 2003-2005
Special Board of Flight Surgeons, 2006, NAMI, NAS Pensacola MMRB
Board November, 2007, Fort Hood
Army Aerospace Medicine Consultant for OIF, 2008-2009
Deputy Commander for Clinical Services and Staff Physician Munson
Army Health Center, Fort Leavenworth, Kansas
MMRB Board Fort Leavenworth, Kansas, 2010-2011
Deputy Commander for Clinical Services Staff Physician Lyster Army
Health Center, Fort Rucker, Alabama, 2011-Present
Deputy Commander for the US Army Aeromedical Research Laboratory
JPC-5 Work Group Chair for DoD Hearing Loss 2015- 2017

**RESEARCH, RECENT,
PRESENTATIONS:**

Research: Undergraduate Assistant in the laboratory of Alan Horwitz,
Professor, Chair of Cell and Structural Biology Department,
University of Illinois. His lab conducted numerous research
project on integrins, cell surface adhesion molecules, 1990 &
1991
Medical School: Inpatient subject in an identical twin spinal cord
research study at the Bronx VA Hospital, 1992
Residency: Group Research project in heat injuries/stroke
Hyponatremia Study, Martin Army Community Hospital, Fort
Benning, Georgia, 1997 & 1998
Presentations: Grand Rounds Community Acquired Pneumonia, Martin
Army Community Hospital, Fort Benning, Georgia, 1999
Hosted Joint Special Operations Coalition Medical briefings weekly and
live tissue training during Summer, Kandahar, Afghanistan,
2002
Hosted and presented The History, Detection & Treatment of Chemical
& Biological Weapons Course, H5 Camp, Iraq, 2003

Fibrin Dressing Bandages Presentation, H5 Camp, Iraq, 2003
Key Note Co-Speaker, 17th Annual Chapel Hill May Day Trauma
Conference Presentation Beyond the Wire, 2006
Navy Flight Surgeon Course Presentation Psychiatric Medications,
December, 2006
Speaker, Naval Operational Problems, 2007: Case Presentation Retinitis
Pigmentosa, New Orleans, Louisiana, January, 2007
Navy Flight Surgeon Course Presentation, Effects of Non-Ionizing
Radiation, Pensacola, Florida, January, 2007
Navy Flight Surgeon Course Presentation: Psychiatric Conditions and
Flight Medicine, Pensacola, Florida, 2007
Traumatic Brain Injury, Pensacola, Florida, January, 2007
TRANSCOM Grand Rounds Pain Management Presentation, Scott Air
Force Base, Missouri, January, 2007
Speaker Iraqi 2nd Flight Surgeon Course, Baghdad, Iraq, August, 2008
Fresh out of the Oven – Flight Surgeon Deployment Expectations in
Iraq, MICE Conference, Galveston, Texas, February, 2009
Challenges to Contractor Health Care in the Modern Combat
Environment, Master's Thesis Defense, Fort Leavenworth,
Kansas, May, 2010
Speaker at Medicine In Challenging Environments Course, Galveston,
Texas, 2009
Giavonti-Crosti Syndrome CME, Fort Leavenworth, Kansas, 2011
Myatt, C.A., **Karch, S.J.**, Thompson, L.B. Krishnamurti, S., & Hollonbeck,
S.A. (2016, August). *An Application of
Functional Imaging in Servicemembers at Risk for Tinnitus.*
Abstract submitted for consideration at the 2016 Military
Health Systems Research Symposium, Kissimmee, FL

Staton, R.N., Lawson, B.D., Ahroon, W.A., **Karch, S.J.** & Hollonbeck, S.A.
(2016, August). *Multisensory Cueing during
Simulated Rotorcraft Operations in a Degraded Visual
Environment (DVE).* Abstract submitted for consideration at
the 2016 Military Health Systems Research Symposium,
Kissimmee, FL

McIlwain, D.S., Hollonbeck, S. Ahroon, W.A., **Karch, S.J.** & Staton, R.N.
(2016, May). *USAARL Auditory Protection &
Performance Division (APPD) Efforts in Gaps, Initiatives, and
the Way Ahead.* Poster presented at the 2016 Annual
Collaborative Auditory Vestibular Research Network meeting,
Fort Rucker, AL.

Myatt, C.A., **Karch, S.J.**, Thompson, L.B. Krishnamurti, S., & Hollonbeck,
S.A. (2016, May). *A Model of
Functional Imaging in Tinnitus.* Poster presented at the 2016
Annual Collaborative Auditory Vestibular Research Network
meeting, Fort Rucker, AL. (Presenter: Myatt/ Karch)

McIlwain, D.S., Hollonbeck, S. Ahroon, W.A., **Karch, S.J.** & Staton, R.N.
(2016, April). *USAARL Auditory Protection &
Performance Division (APPD) Efforts in Gaps, Initiatives, and
the Way Ahead.* Poster presented at the 2016 Army Aviation
Mission Solutions Summit sponsored by the Army Aviation
Association of America in Atlanta, GA. (Presenter: Hollonbeck)

Speaker at the 2016 CAVRN collaboration of auditory and vestibular research network

Speaker at the JPC5 Working Group Meetings 2015, 2016, 2017

Numerous command briefings of the last ten professional years of leadership positions

VOLUNTEER WORK:

Fellowship of Christian Athletes, 1984-1988

Mount Vernon Iowa Volunteer Ambulance Service, 1989

Carle Hospital Volunteer ER & Same Day Surgery, 1989-1992

Olympic and Paralympic Assistant and Trainer, 1992-2006

Big Brother Big Sister, 1993-1997

Best Ranger Competition, 1998-2000

America Series Road Race Physician, 1997-2001, 2003-2005

Shaw High School Sports Physicals, 1997, 1998

Wheelchair Sports Camp, 1998, 1999, 2002-2005

Detainee Camp Care, Kandahar, Afghanistan, 2002

MASCAL Preparedness, Camp Stryker, Iraq, 2008-2009

Joplin, Missouri tornado support, 2011

PERSONAL INTERESTS:

My 6 year old daughter, my family, fitness, disability sport, horseback riding, scuba diving and spear fishing, gardening, duck hunting, MASCAL readiness, survival training, space, aviation, camping, reading, military history and all outdoor activities. Strong interest in PTSD and equine therapy.



Dr. Jesse Hsieh MD

Since 1989, Dr. Jesse Hsieh has seen over 125,000 patient encounters, specializing in the primary care of families from newborns to geriatrics, often up to 3-5 generations with a clinical practice that at one time included obstetrics and surgery. As a Clinical Associate Professor of Family Medicine at the Indiana University School of Medicine over the past two decades teaching 3rd and 4th year medical students, he has experienced the evolution of technological and economic change at the most intimate physician-patient level.

Dr. Hsieh currently serves as an active board member on the governing boards of the Beacon Health System, the Center for Hospice Care, and the Indiana University School of Medicine-SB's Medical Education Foundation board and its medical school admissions committee. He is actively engaged as the lead in current research with Notre Dame on spirituality and health outcomes. He also serves on an advisory panel for the American Board of Family Medicine. His many community services include the St. Joseph County Judicial Nominating Committee.

As President of the South Bend Clinic from 2005-2014, he oversaw its growth to over 120 providers, the construction of 3 new large medical complexes including a new surgery center and an integrated cancer facility, the implementation of electronic medical records, and the restructuring of care delivery systems to prepare for the ACA and population health management. During his tenure, the multi-specialty group expanded its primary care patient base to over 100,000 lives, and awards received included the SJC Economic Impact of the Year as well as the United Way Company of the Year. In 2014, of 334 Accountable Care Organizations nationally, the SBC was one of the 92 that was successful in the Medicare shared savings program, and achieved 100% of the 34 quality indicators required.

He has been featured in numerous healthcare publications including the AMA News, Press-Ganey, Health Executive, ISMA, as well as Michiana Life and Women's Health and national fitness magazines. He has been a regular resource for local television and print media for medically related stories, and is the Medical Editor for the magazines Sassy, Boom, and Family.

His current special interests include teaching about the United States health care system's complexities at Notre Dame's MBA program, and separately, the application of Smart Medicine technology to the modern medical delivery system.

He has been married almost 30 years to a pediatrician, has 3 sons, and has 5 physicians in his family. He received his Bachelor of Arts in Biology from Illinois Wesleyan University, where he was president of Theta Chi fraternity, his Medical Degree from Southern Illinois University of Medicine, and his Family Medicine residency at the Medical College of Wisconsin.

Partners

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ISSUE 17 | MAY/JUNE 2011

2011:VBP

HCAHPS

Strategies for Success under Value-based Purchasing

With scores now adding up to real money, more hospitals are focusing on how to move the needle on patient satisfaction



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Physicians Be into Get the Message

By showing doctors that the patient experience is a key metric of quality care, more practices win buy-in for improvement efforts

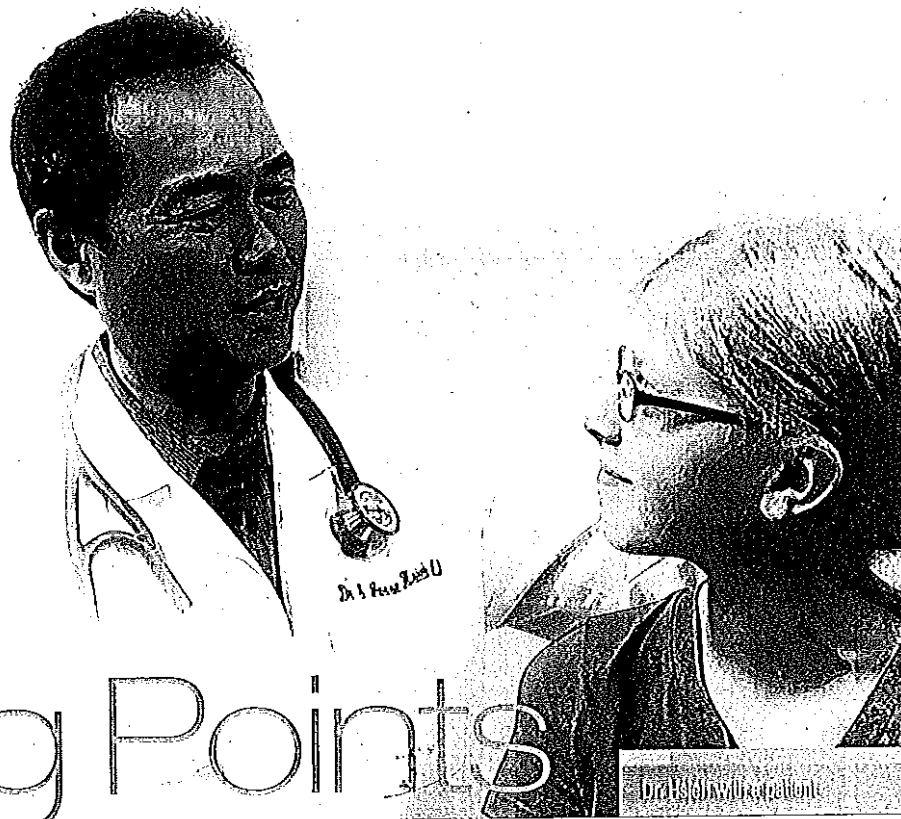
Reall7me Satisfaction Results fOF-SmattPractices

AMA-Press Ganey project brings e-surveys, ease of administration to help docs meet mandates for measuring patients' attitudes

TALKING POINTS

A Doctor's Epiphany on Patient Satisfaction

A clinicleader discusses his reaction to low scores, which led him to spend more and better quality time with each patient



Talking Points

A Doctor's Epiphany on Patient Satisfaction

Dr. Hsieh, MD, has been a family practice physician for 25 years and is president of the South Bend (Ind.) Clinic, a multispecialty practice with more than 100 providers. He is also a clinical associate professor at the Indiana University School of Medicine-South Bend. *Partners* spoke with him recently about his shift from "volume medicine" to "value medicine" focused on quality care,

Partners: Not long ago, you had an epiphany about patient satisfaction. What was that, and how has it changed the way you practice medicine?

Hsieh: Our group decided to do patient satisfaction surveys about five years ago, and when our first results came back, I was really disappointed and depressed. Physicians graded themselves on the quality of their clinical care, and whether the patient was satisfied or not didn't enter into the equation. The first thing that happened was that our scores were lower than most of our peers. I was disappointed because I had high scores on the measure. Fortunately, I didn't do that. My thought was, "What can I take out of this that is positive, and what can I change?" If I can put this in very tangible terms, the survey results showed that I was trying to please too many people. I've had a busy practice, and my

biggest source of pride was my accessibility. People called in during the day and we would work them into the schedule. The results were longer waiting times and less time with each patient. So what I ended up doing after the survey was to triage the calls. It turned out that a lot of urgent calls for immediate care involved issues where the urgency wasn't clinically related. We would take those patients and help them over the phone. This cleared my schedule so that I now run on time, all the time, and spend more time and better quality time with patients. And the patients, by the time they get here, have had higher-quality interaction with the office, understand their condition, and have had the proper assessments done, so we have a more productive visit. My nurses are going home on time, patients are happier and I am able to give higher quality care. So my patient satisfaction scores for the past 18 months have been consistently above the national 90th percentile for Urban family practice specialty level.

Partners: You have worked for the clinic for more than two decades. As a leader there, how did you incorporate what you discovered about patient-centered care into the day-to-day operations?

Hsieh: Among the family practice department here, we are sharing those best practices and we are all looking at each other, saying, "How did you achieve those results?" Our staff sees the information, but in a non-threatening way. We simply want to make sure everyone is on the same page with what we are trying to improve. Our group is moving to a culture that says, "This is what we care about: that patient satisfaction also drives quality care." There has been a paradigm shift in the patient-doctor relationship from 25 years ago, when if you had "Dr." in front of your name and you told the patient to do something, he would just respect you before he will follow the plan. What

is amazing is that when patient satisfaction results went up, our quality results went up, too. We have much less "crisis management" of preventable illnesses, more proactive management of chronic diseases like diabetes and chronic heart disease, more people coming

in for their checkups, more people where we catch cancer in stage 1, not stage 4. We have a lot more people quitting smoking. The list just goes on and on and on as a tangible benefit of clinical care when you have high patient satisfaction. In fact, we are at the 95th percentile on Press Ganey's national database for "likelihood to follow doctor's instructions." It was not that the market demanded this; it was that if you want to take good care of people you have to do these things so that patients will do what you need them to do.

Partners: You are working with Press Ganey on developing a patient satisfaction task force made up of physicians from all specialties. What goals do you have for this new entity?

Hsieh: In many physician-led organizations, there is still concern with whether the Press Ganey tool is valid, reliable and credible. We need to establish that credibility so that we can take that next logical step toward performance improvement. We decided on consensus building rather than making people do it. We said, "Look guys, information about your patient satisfaction is here to stay. Just Google yourselves. If we don't define excellence first, someone else will do it for you - in big ways and much worse." Once they realized that, it generated interest in, "How is this going to grade me as an individual physician?" We threw out an open offer to the group, that anybody who was interested can help us take a look at the survey and evaluate how we do it. At the end of this process, if we can build credibility with this group of 12 doctors, a number of whom were hypercritical at the beginning, and if they are supportive, then the rest of the partnership may be more willing to accept the strategy of what we are doing.

Partners: Has the idea that there will be value-based payments for a medical group

Hsieh: It is beginning to. But you have to remember that most physicians who just see patients, who aren't in leadership positions, all they know is that they get paid for how many patients they see. So right now, if you have fee-for-service, volume-based incentives

for medical care, that is still what is going to drive behavior. When I made the changes to my practice five years ago, I took a 10% to 20% pay cut, but it was worth it. But you are swimming upstream if you're going to tell every doctor in this country to take a pay cut to get a better patient satisfaction score. Until the day payment is actually based on those value factors, it's going to be very difficult for doctors to change.

Partners: The onset of bundled payment and accountable care organizations is coming faster than value-based purchasing for medical groups, and it will also place an emphasis on value over volume. What steps have you taken with other health care providers across the continuum to improve care coordination?

Hsieh: You are already seeing a change in practice behavior. People are more cognizant of pharmaceutical and medical costs. People like me have memorized the Walmart \$4 drug list, and when our patients go to specialists who order some very expensive drugs, patients complain about it, and then that shows up on the surveys. There is a lot going on in our market on coordination. Let me give you an example in cancer care in our community. We had multiple groups doing multiple things in this area, and patient care and access was really fragmented. One of the tangible things we did based on patient satisfaction and community need was to develop an integrated cancer center. It is a whole new, separate building, now approved as a cancer specialty hospital. The South Bend Clinic partnered with a local hospital on it. So now, when we send a patient in with breast cancer, she will see the medical oncologist, the surgeon, the radiation oncologist, the dietician, the psychologist, all under one roof, and all the doctors will have conferences about that patient and convey that information back to the patient. So she knows what is going on. The doctors are paid a

stipend, so it is not volume-based care. It is an awesome pilot project for us on how we can do things better.

July 10, 2016

CURRICULUM VITAE

SARAH HWANG, M.D.

PERSONAL INFORMATION:

Mailing Address: Department of Physical Medicine and Rehabilitation
University of Missouri School of Medicine
University of Missouri Health Care
One Hospital Drive, DC046.00
Columbia, Missouri 65212

Office Address: Howard A. Rusk Rehabilitation Center
315 Business Loop 70 West
Columbia, Missouri 65203

Business Phone: 573-882-3101

Business Fax: 573-884-4540

Electronic Mail: hwangsa@health.missouri.edu

EDUCATION:

Residency: Physical Medicine and Rehabilitation Residency
Rehabilitation Institute of Chicago (RIC)
Northwestern Memorial Hospital
Northwestern University-Feinberg School of Medicine
Chicago, IL
2009-2012

Internship: Internal Medicine Preliminary Year
Lutheran General Hospital
Park Ridge, IL
2008-2009

Graduate School: Doctor of Medicine
Southern Illinois University School of Medicine
Springfield, IL
2004-2008

College: Bachelor of Science in Biomedical Engineering, magna cum laude
Minor in Mathematics
Saint Louis University
St. Louis, MO
2000-2004

PROFESSIONAL APPOINTMENTS:

Academic and Clinical: Assistant Professor of Clinical Physical Medicine and Rehabilitation
Department of Physical Medicine and Rehabilitation
2012 - Present

Associate Residency Program Director
Department of Physical Medicine and Rehabilitation
2014 - present

Director, Women's Health Rehabilitation Program
Department of Physical Medicine and Rehabilitation
2013 - present

Director, Consult Service
Department of Physical Medicine and Rehabilitation
2013 - 2014

Medical Director of Physical Therapy at University Hospital
University of Missouri Health Care
2013 - 2014

CERTIFICATIONS AND LICENSURE:

Diplomat, American Board of Physical Medicine and Rehabilitation
Board Certification #10823
Certified 2013 - Present

State of Missouri, Medical License, 2012-Present
Temporary State of Illinois Medical License, 2008-2012

HOSPITAL/CLINICAL PRIVILEGES:

Rusk Rehabilitation Center, Active Staff Privileges
315 Business Loop 70 West
Columbia, Missouri 65203

University of Missouri Health Care, Active Staff Privileges
One Hospital Drive
Columbia, Missouri 65212

The Neighborhoods by Tiger Place, Skilled Nursing Facility
3003 Falling Leaf Court

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Columbia, Missouri 65201

MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS:

American Academy of Physical Medicine & Rehabilitation, Fellow 2009-Present

Member, Program Planning Committee, 2016- Present

Member, Resident Physician Council, 2010-20 11

Member, Resident Physician Council Election Committee, 2010-2011

Association of Academic Physiatrists, 2009-2013, 2014-Present

The International Pelvic Pain Society, 2013-Present

Missouri State Medical Association 2013 - 2014

American Congress of Rehabilitation Medicine (ACRM) 2009-2012

Illinois Society of Physical Medicine and Rehabilitation (ISPMR) 2009-2012

American Medical Association (AMA) 2004-2012

Illinois State Medical Society 2004-2008

Sangamon County Medical Society 2004-2008

Biomedical Engineering Society 2002-2004

President and Co-Founder, Saint Louis University Chapter, 2002-2004

HONORS AND AWARDS:

Early Career Women Faculty Professional Development Seminar, Selected Participant 2016

Program for Academic Leadership, Association of Academic Physiatrist, 2015-2017

William Randolph Hearst Resident, Rehabilitation Institute of Chicago, 2011

NIH T32 AR050959-01 Research Fellowship Grant, 2005

General Assembly Scholarship for Medical School Tuition, 2005

Alpha Sigma Nu Jesuit Honor Society, 2003

Alpha Chi National Honor Society, 2003

COMMITTEE ASSIGNMENTS & ADMINISTRATIVE SERVICE:

Physical Medicine and Rehabilitation Department Committees

Chair, Program Evaluation Committee 20 J 5 - Present

Member, Residency Clinical Competency Committee 2014 - Present

Member, Graduate Medical Education Committee 2014 - Present

Member, Vacation Policy Committee 2015-2016

Rusk Rehabilitation Committees

Member, Acute Care Transfer Committee 2013- 2014

University of Missouri Committees

Member, Fall Prevention Committee 2013-2014

Rehabilitation Institute of Chicago Committees

Member, Resident Continuous Quality Improvement Committee, 2009-2012

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Member, Medical Care Committee 2009-2012

Member, Medical Care Subcommittee, 2009-2012

Member, Student LCME Accreditation Committee, 2006-2007

Southern Illinois University School of Medicine Committees

Vice President, Southern Illinois University School of Medicine Class of 2008. 2004-2006

Saint Louis University Committees

President, Association of Parks College Students, 2003-2004

TEACHING ACTIVITIES:

Department of PM&R Teaching Presentations:

Hwang S. Curriculum Vitae Writing Workshop. Faculty Dialog, Columbia, MO, June 17, 2016

Hwang S. Contract Negotiations. Faculty Dialog, Columbia, MO, June 10, 2016

Hwang S, Shurtz J. Osteoarthritis. Chairman's Rounds. Columbia, MO, June 3, 2016

Hwang S. Pregnancy Related Pain. Chairman's Rounds. Columbia, MO, January 22, 2016

Hwang S. Hip and Pelvic Musculoskeletal Exam. Physical Exam/Peripheral Joint Injection Workshop. Columbia, MO, August 28, 2015

Hwang S. Contract Negotiations. Faculty Dialog, Columbia, MO, June 26, 2015

Hwang S. Contract Negotiations. Faculty Dialog, Columbia, MO, November 7, 2014

Hwang S. Chronic Pelvic Pain. Faculty Dialog, Columbia, MO, October 3, 2014

Hwang S. Hip and Pelvis Musculoskeletal Exam and Injections. Physical Exam Lecture Series, Columbia, MO, August 29, 2014

Hwang S. Shoulder and Elbow Musculoskeletal Exam. Physical Exam Lecture Series, Columbia, MO, August 30, 2013

Hwang S. Musculoskeletal Disorders in Pregnancy: A Physiatrist's Perspective. Chairman Rounds, Columbia, MO, April 26, 2013

University of Missouri, School of Medicine Teaching Presentations

Hwang S. Pelvic Floor Dysfunction. Department of Internal Medicine Resident Lecture Series. Columbia, MO, June 22, 2015

Hwang S. Hip Pain. Department of Internal Medicine Resident Lecture Series. Columbia, MO, June 15, 2015

Hwang S. Musculoskeletal Pain During Pregnancy. PM&R Student Interest Group Meeting. Columbia, MO, October 29, 2015.

Hwang S. Pelvic Floor Anatomy. Medical Student Anatomy Lecture, Columbia, MO, March 18, 2014

Hwang S. Physical Medicine and Rehabilitation Consultation Service. Department of Pulmonology Conference, Columbia, MO, April 29, 2013.

Hwang S. Musculoskeletal Disorders in Pregnancy. Grand Rounds Department of Family and Community Medicine, Columbia MO., March 20, 2013

Hwang S. Musculoskeletal Disorders in Pregnancy. Grand Rounds Department of Obstetrics,

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Pages

Gynecology and Women's Health, Columbia MO., March 15, 2013

Hwang S. Foot Anatomy. Medical Student Anatomy Lecture, Columbia, MO, February 21, 2013

Rehabilitation Institute of Chicago Teaching Presentations

Hwang S. Radiology: Pelvis. RIC Resident Anatomy Course, September, 2011

Hwang S. Musculoskeletal Exam Teaching Session. Teaching and testing of fundamental physical examination skills for fourth year medical students, August, 2011

Hwang S. Rehabilitation of Pelvic Disorders. RIC Medical Student Externship Program, July, 2011

Hwang S. Lower Leg, Ankle and Foot Fractures. RIC Spine and Sport Lecture Series, March, 2011

Hwang S. Musculoskeletal Exam Teaching Sessions. Teaching and testing of fundamental physical examination skills for fourth year medical students, November, 2010

Hwang S. Ann and Flexor Forearm Musculature Anatomy. RIC Resident Anatomy Course, September, 2010

Hwang S. Spinal Cord Injury. RIC Student Externship Program, July, 2010

Hwang S. Elbow Injuries. RIC Spine and sports Lecture Series, April, 2010

Hwang S. Knee and Lower Leg Anatomy. RJC Resident Anatomy Course, August, 2009

Saint Louis University Teaching

Teaching Assistant: Biocomputing (Matlab) Saint Louis University, Department of biomedical Engineering, St Louis, MO, 2003-2004

INVITED PRESENTATIONS:

Local Presentations:

Hwang S. How Tailbone Pain and Pelvic Floor Dysfunction Affects You. Knowledge Now. Columbia, Missouri, June 21, 2016

Hwang S. Unique non-Invasive Treatment Options for Women with Pelvic Pain. AAPC, ShowMe Chapter. Columbia, Missouri September 10, 2015

Hwang S. Pelvic Floor Dysfunction. Knowledge Now. Columbia, Missouri, May 21, 2015

Hwang S. You Don't Have to Hurt When you are Pregnant: Treating and Eliminating Musculoskeletal Pain. Knowledge Now. Columbia, Missouri, February 12, 2015

Hwang S. Female Musculoskeletal Health: From Adolescence to Adulthood. Knowledge Now. Columbia, Missouri, March 20, 2014 and April 3, 2014

Hwang S. Female Musculoskeletal Health: From Adolescence to Adulthood. AAPC, ShowMe Chapter. Columbia, Missouri, February 13, 2014

Regional Presentations:

Hwang S. " Pelvic Pain." Midwest Multistate Division and the Missouri Coalition of Nurses in Advanced Practice 26th Annual Coming Together in Advanced Practice Conference. Columbia, Missouri. April 22, 2016

Hwang S. "Chronic Pelvic Pain." Missouri Society of the American College of Osteopathic Family Physicians. Kansas City, Missouri, February 1, 2014

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Hwang S. "Musculoskeletal Problems in Pregnancy: Evaluation and Treatment." Central Society of Physical Medicine and Rehabilitation Meeting. Kansas City, Missouri, April 6, 2013

Resident and Medical Student Teaching

Ambulatory Clinical Education Preceptor for first and second year medical students. 2015- present

List of Students: Alexis Ruffolo, Shawn Moore, Murneenat Winjobi, Hannah Pancoast, Emily John, Emily Schepers

Patient Centered Care Objective Structured Clinical Examination Grader, 2016 - present

First year medical Student Advisor, 2014 - present

Resident Clinical Teaching, Physical Medicine and Rehabilitation Residents and Family Medicine Residents

RESEARCH PRESENTATIONS:

Shurtz J*, **Hwang S.** Treatment of Acute Onset Oromandibular Dystonia in a Patient with Basal Ganglia Hemorrhagic Infarct: A Case Report. Poster presentation (presenting author: Joseph Shurtz) at the American Academy of Physical Medicine & Rehabilitation Annual Assembly, New Orleans, LA, 2016.

Marin K*, **Hwang S.** An Uncommon Cause of Hip Pain in a Patient with Normal Bone Density: A Case Report. Poster presentation (presenting author: Kris Marin) at the American Academy of Physical Medicine & Rehabilitation Annual Assembly, New Orleans, LA, 2016.

Hwang S, Scott K Bonder J. Case Presentations in Pelvic Pain: A Multidisciplinary Approach. American Academy of Physical Medicine & Rehabilitation Annual Assembly, Boston, MA, 2015.

Clark M* and **Hwang S.** Pubic Body Stress Fracture in Pregnancy: A Case Report. Poster presentation (presenting author: Megan Clark) at the American Academy of Physical Medicine & Rehabilitation Annual Assembly, Boston, MA, 2015.

Dawson P* and **Hwang S.** Migratory Polyarthriti s as a Paraneoplastic Presentation of Colonic Adenocarcinoma: A Case Report. Poster presentation (presenting author: Pete Dawson) at the American Academy of Physical Medicine & Rehabilitation Annual Assembly, San Diego, CA, 2014.

Martinez M* and **Hwang S.** Postpartum Diagnosis of Lipomyelomeningocele with Occult Tethered Cord after Second Pregnancy: A Case Report. Poster presentation (presenting author: Samuel Chu) at the American Academy of Physical Medicine & Rehabilitation Annual Assembly, San Diego, CA, 2014.

Chu SK, McConnick Z, **Hwang S,** Rydberg L. Outcomes of Acute Inpatient Rehabilitation in Patients with Left Ventricular Assist Devices. Poster presentation (presenting author: Samuel Chu) at the American Academy of Physical Medicine & Rehabilitation Annual Assembly, Washington, DC, 2013.

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Reese M, Fitzgerald C, **Linn S**. Transient Osteoporosis of Bilateral Hips in Twin Pregnancy: Two Case Reports. Poster presentation (presenting author: Maria Reese) at the American Academy of Physical Medicine & Rehabilitation Annual Assembly, Atlanta, GA, 2012.

Fitzgerald CM, **Linn SK**, Mallinson T. The Association between Pelvic Girdle Pain and Pelvic Floor Muscle Function in Pregnancy. Poster Presentation at the American Academy of Physical Medicine & Rehabilitation Annual Assembly, Orlando, FL. 2011.

Barkema D, Wysocki NM, Streff L, Bhuva S, Weibel R, Ruppert L, **Lino S**, Samuels D, Gordon K, Schnitzer TJ. Calcaneal Qualitative Ultrasound Compared to Hip and Femoral Neck DXA in People with Spinal Cord Injury. Poster presentation (presenting author: Danielle Barkema) at the American Society of Bone and Mineral Research, San Diego, CA, 2011.

Linn S, Giles K, Christainsen B, Roy M, Cheverud J, Silva M. Mouse bone mechanical testing - restoration of properties after long-term dried storage and comparison of material properties from femur vs. radius bending tests. Poster Presentation at the Annual Meeting of the Orthopaedic Research Society, Washington D.C., 2005.

PUBLICATIONS:

Chapters

Nagpal A, **Hwang S**, Bonder J, Mirchandani A. Chronic Pelvic Pain in Females. In *Decision Making in Pain Management, 3rd Edition*, in print.

Mirchandani A, **Hwang S**, Bonder J. Chronic Pelvic Pain in Males. In *Decision Making in Pain Management, 3rd Edition*, in print.

Hwang S and Clark M*. Cancer- Related Pelvic Pain. In *Essentials of Interventional Cancer Pain Medicine: A Technique and Applications Guide to Treating the Cancer Pain Population*, in print.

Hwang S (2015). Labor and Delivery Considerations: Pubic Symphysis Separation, Fractures Associated with Transient Osteoporosis of Pregnancy, Sacral Stress Fractures and Coccydynia. In C. Fitzgerald and N. Segal (eds.), *Musculoskeletal Health in Pregnancy and Postpartum: A Guide for Clinicians* (pp 171-180). Springer Publishing Company.

Eickmeyer S, Scott K, Bonder J, Hwang S, Fitzgerald C (2015). Pelvic Floor Disorders. In Cifu (ed.), *Braddom's Physical Medicine and Rehabilitation*, 5th Edition (pp 835-850). Elsevier, Inc.

Worsowicz G, **Hwang S**, Dawson P (2014). Trauma Rehabilitation. In I. Maitin (ed.), *Current Diagnosis & Treatment Physical Medicine and Rehabilitation* (pp. 539-546). McGraw Hill Education Lange Publishing Company.

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Peer-Reviewed Articles

Bennis, S* and **Hwang SK**. Office Evaluation of Pelvic Pain. Physical Medicine & Rehabilitation Clinics of North America, in print.

Hwang, SK. Advances in the Treatment of Chronic Pelvic Pain: A Multidisciplinary Approach to Treatment. Missouri Medicine, in print.

Chu SK, McCormick Z, **Hwang S**, Sliwa JA, Rydberg L. Outcomes of Acute Inpatient Rehabilitation of Patients With Left Ventricular Assist Devices. PM&R, Volume 6, Issue 11, November 2014, Pages 1008-1012.

Schnitzer T, Wysocki N, Barkema D, Griffith J, Lent V, Romba M, Weibel R, Bhuvu S, Manyam B, **Linn S**. Calcaneal Quantitative Ultrasound Compared With Hip and Femoral Neck Dual-Energy X-Ray Absorptiometry in People With A Spinal Cord Injury. PM&R, Volume 4, Issue 10, October 2012, Pages 748-755.

Linn S, Murtaugh B, Casey E. Role of Sex Hormones in the Development of Osteoarthritis. PM&R, Volume 4, Issue 5, Supplement, May 2012, Pages S169-S173

Published Abstracts

Chu SK, McCormick Z, **Hwang S**, Rydberg L. Outcomes of Acute Inpatient Rehabilitation in Patients with Left Ventricular Assist Devices. PM&R Volume 5, Issue 9, Supplement, September 2013, S141

Reese M, Fitzgerald C, **Linn S**. Transient Osteoporosis of Bilateral Hips in Twin Pregnancy: Two Case Reports. PM&R Volume 4, Issue 10, Supplement, October 2012, S304-S305

Non-Peer-Reviewed Articles

Linn S. A Brief Overview of Patients with Left Ventricular Assist Devices. The PM&R Resident Newsletter, March, 2011

Contributing Editor: "Rehab in Review, a surveillance journal for current literature relevant to Physical Medicine and Rehabilitation, 2010-2011

EDITORIAL WORK:

Pain Medicine, Manuscript Reviewer, 2015-present

PROFESSIONAL COURSES AND CONFERENCES:

Early Career Women Faculty Professional Development Seminar, Engelwood, CO, July 2016
University of Missouri Women in Leadership Conference. University of Missouri, Columbia, MO, June 2016.

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Women Faculty Career Development and Leadership Workshop, Sponsored by the MU school of Medicine Women in Medicine and Medical Sciences (WIMMS). University of Missouri, Columbia, MO, April 2016.

Program for Academic Leadership at the Annual Assembly of the Association of Academic Physiatrists, Sacramento, CA, February 2016.

Annual Assembly of the Association of Academic Physiatrists, Sacramento, CA, February 2016.

Residency and Fellowship Program Directors Meeting at the Annual Assembly of the Association of Academic Physiatrists, Sacramento, CA, February 2016.

Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, Boston, MA, October 2015.

Women Faculty Career Development and Leadership Workshop, Sponsored by the MU school of Medicine Women in Medicine and Medical Sciences (WIMMS). University of Missouri, April 2015.

Scott Primack Musculoskeletal Ultrasound Course, Rehabilitation Institute of Chicago. April, 2015.

Program for Academic Leadership at the Annual Assembly of the Association of Academic Physiatrists, San Antonio, Tx, March 2015.

Annual Assembly of the Association of Academic Physiatrists, San Antonio, Tx, March 2015.

Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, San Diego, CA, October 2014.

International Pelvic Pain Society Annual Scientific Meeting, Chicago, IL, October, 2014.

International Pelvic Pain Society Annual Scientific Meeting Research Course, Chicago, IL, October, 2014.

Herman and Wallace Pelvic Floor One Physical Therapy Course, Tampa, Florida, March 2014.

Physician Health Administration Leadership Seminar, Part II, Columbia, Missouri, January 2014.

Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, Washington, D.C., October 2013.

Physician Health Administration Leadership Seminar, Columbia, Missouri, July 2013. Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, Orlando Florida, November, 2011.

Lower and Upper Limb Orthotics and Prosthetics for Physicians and Therapists, Northwestern University Prosthetics Orthotics Center, November, 2011.

Musculoskeletal Ultrasound Course, Rehabilitation Institute of Chicago, April, 2011.

Spine and Sport Rehabilitation Symposium: Rehabilitation of the Throwing Shoulder, Rehabilitation Institute of Chicago February. 2010.

Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, Seattle, WA, November, 2010.

International Pelvic Pain Society Annual Scientific Meeting, Chicago, IL, October, 2010.

Residents as Teachers and Leaders Course, Northwestern University-Feinberg School of Medicine, January, 2011.

Orthopaedic Research Society Annual Conference, Washington, D.C, February, 2004.

RELATED WORK & VOLUNTEER EXPERIENCE:

Medical Volunteer , MedZou Free Clinic, Columbia, MO, 2013- Present
Medical Volunteer, Roots and Blues Half Marathon, Columbia, MO, 2014
Pre-participation Physicals for Chicago Public School (high school athletes), Chicago, IL, 2011
Medical Volunteer, RIC Skyrise Chicago, Chicago, IL, 2010 - 2011
Medical Volunteer , Chicago Marathon, Chicago, IL. 2009 - 2011

CURRENT RESEARCH PROJECTS:

Postpartum physical therapy in patients that underwent a cesarean delivery: IRB approval
Randomized Double Blinded Placebo Controlled Vaginal Valium Study: IRB approval
Treatment of Pelvic Pain in the Pregnant Patient. Awaiting IRB approval.

CURRICULUM VITAE

Haneme Idrizi , MD

GENERAL INFORMATION

PERSONAL DATA:

Address: 921 Boxwood Ct
Chatham, IL 62629

Phone Number: 954-806-6175

Email Address: haneme.idrizi@gmail.com

EDUCATION:

<u>Year</u>	<u>Degree</u>	<u>Discipline</u>	<u>Institution/Location</u>
2003	Medicine	Medicine	Southern Illinois University School of Medicine, Springfield, IL
1998	BS	Biology/Spanish	Loyola University of Chicago, Chicago, IL, USA

TRAINING:

Internship

<u>Year</u>	<u>Discipline</u>	<u>Institution/Location</u>
07/2003- 06/2004	Pediatrics	The University of Texas Health Science Center at San Antonio, San Antonio, TX

Residency

<u>Year</u>	<u>Discipline</u>	<u>Institution/Location</u>
07/2004- 06/2006	Pediatrics	The University of Texas Health Science Center at San Antonio, San Antonio, TX

ACADEMIC APPOINTMENTS:

07/2018-Present	Associate Professor / Clinical and Pediatric Hospitalist	Southern Illinois University School of Medicine Springfield, IL
09/2017 – June 30, 2018	Associate Professor / Clinical and Pediatric Hospitalist	University of Texas Health San Antonio, Department of Pediatrics, San Antonio, TX

08/2016 – 06/2018	Associate Director Pediatric Clerkship and Associate Director Pediatric Clerkship	University of Texas Health San Antonio, Department of Pediatrics, San Antonio, TX
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Details: From August 2016-June 2018, I assumed the role of Assistant Pediatric Clerkship Director, supported at 0.2 FTE. I worked in partnership with the Clerkship Director to develop and execute an optimal learning experience for over 200 medical students rotating through the Pediatric Clerkship. In addition to formal teaching activities, I was responsible for ongoing quality improvement, overseeing current clinical sites and mentoring students and junior faculty. I offered a 2-hour Prescription Writing TBL and 3-hour Growth, Development, and Endocrine TBL every 6 weeks to approximately 200 third year medical students annually.

11/2007 - 02/2012	Adjunct Clinical Assistant Professor and Pediatric Hospitalist	Joe DiMaggio's Children's Hospital, Department of Inpatient Pediatrics, Hollywood, FL
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02/2007 - 02/2012	Adjunct Clinical Assistant Professor	Nova Southeastern University- College of Osteopathic Medicine, Department of Inpatient Pediatrics, Davie, FL
-------------------	---	---

NON-ACADEMIC APPOINTMENTS:

09/2013 - Present	Child Health Discipline Coordinator	University of Texas Health San Antonio, San Antonio, TX
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***Details:** As the Child Health Discipline Coordinator in The University of Texas School of Medicine at San Antonio CIRCLE (Curricular Integration: Researchers, Clinicians, Leaders, Educators) curriculum, my primary responsibility is to ensure pediatric health topics are appropriately represented and integrated in the pre-clinical medical school curriculum. I worked closely with Module Directors to create curriculum and plan schedules that ensured that all medical students learned foundational pediatric topics.*

07/2006 - 10/2007	Pediatric Hospitalist	Florida Pediatric Associates, Orlando, FL
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CERTIFICATION AND LICENSURE:***Board Certification***

<u>Description/Agency</u>	<u>Status</u>	<u>Date Acquired</u>	<u>Number</u>	<u>Expiration</u>
Board Certification - The American Academy Board of Pediatrics	Certified	10/2008	091996	12/2019

License to Practice

<u>Description/Agency</u>	<u>Status</u>	<u>Date Acquired</u>	<u>Number</u>	<u>Expiration</u>
Medicine – State of Illinois, Department of Financial and Professional Regulation	Certified	05/2018	036.146308	07/202
Medicine - Texas Medical Board	Certified	10/2014	P1085	11/2019
Medicine - State of Florida, Department of Health, Division of Medical Quality Assurance	Inactive	11/2009	ME 95663	01/2014

Recertification

<u>Description/Agency</u>	<u>Status</u>	<u>Date Acquired</u>	<u>Number</u>	<u>Expiration</u>
Pediatric Advanced Life Support(PALS)American Heart Association	Certified	04/2015	N/A	04/2019
Pediatric Advanced Life Support(PALS) Instructor American Heart Association	Certified	04/2015	n/a	04/2019
Basic Life Support - American Heart Association	Certified	03/2015	n/a	03/2019

Registration

<u>Description/Agency</u>	<u>Status</u>	<u>Date Acquired</u>	<u>Number</u>	<u>Expiration</u>
Texas Department of Public Safety - Texas Controlled Substance Registration Certificate	Certified	12/2014	50185687	12/2019
Controlled Substance Registration - DEA-United States Department of Justice	Certified	11/2014	BI9731781	11/2019

HONORS AND AWARDS:

- 03/2017 Pediatric Faculty of the Year 2017: A yearly award bestowed by the graduating medical school class for excellence in teaching.
- 07/2016 Texas Super Doctors and Rising Stars 2016: Recognized by my peers for my clinical accomplishments with the designation in 2015 and 2016 by SUPERDOCTORS as a Texas Super Doctors Rising Star
- 05/2016 Southern Group on Educational Affairs Medical Education Scholarship Award: Recipient of SGEA Medical Education Scholarship Award (MESA) for a workshop presented at the 2016 SGEA Conference in Austin, Texas entitled "Aligning Standards in the UME and GME Learning Environments: Innovations in Sharing the Sandbox".
- 02/2016 Abstract of Distinction-Invited Oral Presentation: The University of Texas Kenneth I. Shine, M.D., Academy of Health Science Education 2016 Innovations in Health Science Education Conference Abstract of Distinction-Invited Oral Presentation: Pediatric Buddy Program, Opportunity for Quality Improvement and Positive Collaborative Relationship Building through Nurse-Intern Educational Partnership.
- 11/2015 Academic Pediatric Association Education Scholars Program: I have been selected to participate in Cohort 8 of the well-respected Academic Pediatric Association (APA) Educational Scholars Program. This three year program targets pediatricians who wish to build their skills in educational scholarship. The curriculum includes didactic sessions, self-directed learning activities, development of an educator portfolio and a mentored project.
- 04/2015 School of Medicine Representative: AMWA Conference: Selected to represent UTHSCSA School of Medicine at the Centennial Meeting of the American Women's Association, April 2015.
- 02/2015 2nd Place Poster Award: Innovations in Health Science Education: 2nd place winner for the Poster Award in 2015 Innovations in Health Science Education Annual Conference for poster entitled: Lessons Learned, Creating and Implementing and Hands-on, Interactive and Practical Medically-Oriented TBL.
- 01/2015 Texas Super Doctors and Rising Stars 2015: Recognized by my peers for my clinical accomplishments with the designation in 2015 and 2016 by SUPERDOCTORS as a Texas Super Doctors Rising Star.
- 10/2014 Gay and Lesbian Medical Association: Safe Provider Physician
- 2014-18 Pediatrics Core Faculty: Selected as Pediatric Core Faculty; faculty vital to the mission of the Department of Pediatrics with extensive resident contact.

PROFESSIONAL DEVELOPMENT:***Clinical***

<u>Date</u>	<u>Description</u>	<u>C.E. Units/Hours</u>
03/10/2016 - 03/13/2016	American Medical Women's Association Annual Meeting, Participant in the Annual Meeting of the American Medical Women's Association, an organization that is dedicated to advancing women in medicine and improving women's health. Also served as an invited speaker during the meeting.	25.00 / 0.00
09/17/2015 - 01/15/2016	Clinical Safety and Effectiveness Education Program, The Clinical Safety and Effectiveness course is a UT System wide course that concentrates on Quality Improvement and Patient Safety. The course consists of eight classes, each eight hours/day running over six months. A requirement of graduation is the completion of a Quality Improvement project. My completed project centered on Interprofessional Education and improving nurse-intern work relationships through the collaborative The Pediatric Buddy.	0.00 / 64.00
02/06/2015 - 02/07/2015	Out for Health Summit, Attendee at a conference dedicated to addressing medical issues impacting the Lesbian, Gay, Bisexual, and Transgender (LGBT) community.	0.00 / 0.00
07/23/2014	Society of Hospital Medicine Pediatric Sedation Conference, Participation in the Society of Hospital Medicine Pediatric Sedation Course	7.50 / 0.00
04/12/2014	Out for Health Summit, Attendee at the first annual Out for Health Summit in San Antonio, dedicated to addressing medical issues impacting the Lesbian, Gay, Bisexual, and Transgender(LGBT) community.	0.00 / 0.00
10/26/2013 - 10/29/2013	American Academy of Pediatrics National Conference And Exhibition, Orlando, Florida	0.00 / 50.00

08/01/2010	Symposia Medicus: Pediatric Emergencies Conference, Atlantis Resort, Bahamas	0.00 / 0.00
09/01/2009	American Academy of Pediatrics Conference, Las Vegas, NV	0.00 / 0.00

Other

<u>Date</u>	<u>Description</u>	<u>C.E. Units/Hours</u>
03/29/2016	2016 San Antonio Women in Leadership Symposium, Selected by the Committee for the Advancement of Women and Minorities to represent UTHSCSA at the 2016 San Antonio Women in Leadership Symposium. This conference was organized by the Texas Diversity Council to highlight women from throughout San Antonio in key leadership positions, including Mayor Ivy Taylor. Topics addressed included: Developing Political Savvy: Hard Work and Talent Are Not Enough, The Courage to Lead: Inner Dimensions of Leadership, Developing Your Leadership Potential: Knowing What, When and How.	0.00 / 5.00
01/25/2016 - 01/27/2016	Diverse and Inclusive Leadership in Higher Education Conference, Attended a 3 day conference in Phoenix, Arizona as a representative of the School of Medicine Diversity Committed that addressed towards increasing the diverse representation in higher education leadership roles.	0.00 / 12.00
04/23/2015 - 04/26/2015	American Medical Women's Association Annual Meeting, Participant in the Centennial Meeting of the American Medical Women's Association, an organization that is dedicated to advancing women in medicine and improving women's health. I was selected by the Dean of the School of Medicine to represent our institution at the conference.	25.00 / 0.00
07/27/2011 - 07/31/2011	Keeping the Focus-Sheltering the Child in the Healthcare Reform Storm, Pediatric Hospital Medicine	0.00 / 20.50

	2011: Keeping the Focus-Sheltering the Child in the Healthcare Reform Storm	
11/13/2010 - 11/14/2010	21st Annual Pediatric Symposium, Memorial Healthcare System, "21st Annual Pediatric Symposium"	0.00 / 13.00
10/21/2010 - 10/21/2012	AMA Therapeutic Insights: Management of HIV in Primary Care, American Medical Association, AMA Therapeutic Insights: Management of HIV in Primary Care	0.00 / 1.00
10/13/2010 - 10/16/2010	Pediatric Emergencies, Symposia Medicus 26th Annual Fall Conference on Pediatric Emergencies	0.00 / 18.00
12/09/2009	Prevention of Medical Errors Course, Memorial Healthcare System, "Prevention of Medical Errors Course"	0.00 / 2.00

Teaching

<u>Date</u>	<u>Description</u>	<u>C.E. Units/Hours</u>
09/18/2016 - 09/19/2016	Pediatric Educational Excellence Across the Continuum (PEEAC), Attendee at Pediatric Educational Excellence Across the Continuum (PEEAC) meeting. This fourth biennial PEEAC Conference served as a venue for rising educators to gain content expertise, specific teaching skills and valuable networking with like-minded clinicians.	10.00 / 0.00
05/01/2016 - 05/01/2019	Academic Pediatric Association Education Scholars Program, I have been selected to participate in Cohort 8 of the well-respected Academic Pediatric Association (APA) Educational Scholars Program. This three year program targets pediatricians who wish to build their skills in educational scholarship. The curriculum includes didactic sessions, self-directed learning activities, development of an educator portfolio and a mentored project.	0.00 / 0.00

04/29/2016 - 05/03/2016	Pediatric Academic Society Annual Meeting, Attendee at the Pediatric Academic Society 2016 Meeting. During this meeting, I presented a workshop on GME and UME learning environment accreditation standards and participated in the Academic Pediatric Association (APA) Educational Scholars Program (ESP) program.	18.25 / 0.00
04/06/2016 - 04/09/2016	Council on Medical Student Education in Pediatrics, Attendee at Council on Medical Student Education in Pediatrics (COMSEP) annual conference in St, Louis, Missouri. The COMSEP annual meeting is a an opportunity for educators to learn from each other through workshops, mentoring sessions, research presentations, task force meetings, as well as through networking and sharing ideas.	18.00 / 0.00
04/06/2016	Council on Medical Student Education in Pediatrics Pre-Conference Workshop, Participated in a day long pre-conference workshop at the 2016 Council on Medical Student Education (COMSEP)annual meeting. Workshop addressed methods to incorporate innovative instructional strategies and approaches to the educational environment and develop a plan for professional growth and scholarship.	0.00 / 8.00
02/18/2016 - 02/19/2016	Innovations in Health Science Education Conference, Annual conference sponsored by the six health science campuses within The University of Texas System. Each meeting includes nationally-recognized invited speakers together with local participants.	0.00 / 0.00
12/07/2015 - 12/11/2015	Emergency Cardiovascular Care Update Conference, Attended the annual Emergency Cardiovascular Care Update (ECCU) Conference in San Diego, California. The conference is offered yearly and	0.00 / 0.00

	<p>serves to update educators on the ever changing realm of emergency cardiovascular care.</p>	
12/07/2015 - 12/08/2015	<p>Resuscitation Officer's Program, Participated in a 2-day workshop at the 2015 Emergency Cardiovascular Care Update (ECCU) conference in San Diego, California. This rigorous work-shop served to certify educational leaders in resuscitation programs.</p>	0.00 / 16.00
03/11/2015 - 03/14/2015	<p>Council on Medical Student Education in Pediatrics, Attendee at Council on Medical Student Education in Pediatrics (COMSEP) annual conference in New Orleans, Louisiana. The COMSEP annual meeting is an opportunity for educators to learn from each other through workshops, mentoring sessions, research presentations, task force meetings, as well as through networking and sharing ideas.</p>	19.00 / 0.00
03/04/2015 - 03/07/2015	<p>Team-Based Learning Collaborative Conference, Attended annual TBL Collaborative Conference in St. Petersburg, Florida.</p>	0.00 / 0.00
02/19/2015 - 02/20/2015	<p>Innovations in Health Science Education Conference, Attended the 10th Annual Innovations in Health Science Education Conference in Austin, Texas</p>	0.00 / 0.00
09/23/2014	<p>Medical School Curriculum Committee Retreat</p>	0.00 / 0.00
03/01/2014	<p>Team-Based Learning Collaborative Conference, Attended annual TBL Collaborative Conference in Fort Worth, Texas.</p>	0.00 / 0.00
02/01/2014	<p>Innovations in Health Science Education Conference, Attended the 10th Annual Innovations in Health Science Education Conference in Austin, Texas</p>	0.00 / 0.00
01/01/2014	<p>MedED Portal In-service, In-service performed to educate School of Medicine Faculty on the submission of work to MedED portal.</p>	0.00 / 0.00

08/01/2013	Interactive Lecture: TBL Style Workshop, Offered my medical education specialists in the Office of Undergraduate Medical Education.	0.00 / 0.00
08/01/2013	Synthesis Case Small Group Facilitator Orientation, A session dedicated to preparing faculty to serve as Synthesis small group facilitators in the CIRCLE curriculum.	0.00 / 0.00
07/01/2013	Creating Learning Objectives Workshop, Offered by medical education specialists in the Office of Undergraduate Medical Education.	0.00 / 0.00
05/04/2013 - 05/07/2013	Pediatric Academic Society Annual Meeting, Washington, D.C.	23.25 / 0.00

TEACHING

COURSE BASED TEACHING:

<u>Date</u>	<u>Course Name</u>	<u>Level</u>	<u>Role</u>
08/2016 - Present	PEDI3005 Pediatrics Clerkship	Undergraduate/Graduate	Lecturer

Preparation Hrs: 15 hours, Student Contact Hrs: 18 hours; I facilitate a 2-3 hour didactic every 6 weeks to approximately 200 third year medical students annually on the topics of pediatric growth and development, Hypothyroidism, Hyperthyroidism, Type 1 and 2 Diabetes Mellitus, Diabetic Ketoacidosis management, and Congenital Adrenal Hyperplasia. This fun, interactive session allows the students to get real-time experience on the management of acutely ill children and also develop an understanding of normal and abnormal growth and development.

07/2015 - Present	PEDI3005 Pediatrics Clerkship	Undergraduate	Lecturer
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Preparation Hrs: 12 hours, Student Contact Hrs.: 18 hours; I facilitate a 2-3 hour Prescription Writing Team Based Learning session every 6 weeks to

approximately 200 third year medical students annually. This fun, interactive session allows the students to get real-time experience on writing prescriptions, preparing them for clinical work and our ongoing education in medication prescribing.

05/2014 - 05/2014 CIRC5015 Renal & Undergraduate Co-
Male Reproductive Teacher

Preparation Hrs: 5, Student Contact Hrs: 2 hours; I assisted in modifications made to the Team-Based Learning session on Pediatric Hypertension offered to first year medical students and served as co-facilitator in 2014.

04/2014 - 05/2015 CIRC5011 Undergraduate Co-
Circulation Teacher

Preparation Hrs: 10, Student Contact Hrs: 2.5 hours; Assisted in modifications made to the Team-Based Learning session covering the topic of Congenital Heart Disease and Critical Congenital Heart Disease Screening and served as co-facilitator with Dr. Elaine Maldonado I assisted in the facilitation of this session in 2014 and 2015 to approximately 230 first year medical students.

02/2014 - Present CIRC6013 Undergraduate Co-
Musculoskeletal & Teacher
Dermatology

Preparation Hrs: 15 hours, Student Contact Hrs: 2 hours; I developed a Team-Based Learning educational session in the Form and Function Module entitled "The Weak Child". The primary purpose of the TBL is to instruct second year medical students on the multifaceted evaluation of a pediatric patient with hypotonia. I serve as lead facilitator. This session has been offered yearly since 2014.

11/2013 - Present CIRC6011 Digestive Undergraduate Co-
health & Nutrition Teacher

Preparation Hrs: 15, Student Contact Hrs: 4 hours; Along with an adult gastrointestinal colleague, I developed a traditional didactic and interactive Audience Response Session addressing Inflammatory Bowel Disease (IBD). The session has been offered yearly since 2013 to 230 second year medical students. My portion of the teaching activity pertains to pediatric manifestations of IBD.

09/2013 - Present	CIRC6009 Endocrine & Female Reproductive	Undergraduate	Co- Teacher
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Preparation Hrs: 15 hours, Student Contact Hrs: 2 hours; I developed a Team-Based Learning (TBL) educational session entitled "Pediatric Short Stature". The primary purpose of the TBL was to instruct second year medical students on the multifaceted evaluation of a pediatric patient with short stature. I am lead facilitator of the TBL that has been offered yearly since 2013.

08/2013 - Present	CIRC5007 Molecules to Medicine	Undergraduate	Co- Teacher
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Preparation Hrs: 20, Student Contact Hrs: 3 hours; Along with 2 biochemistry colleagues, I developed an interactive, 3 hour team-based learning (TBL) session that discusses the topic of Inborn Errors of Metabolism. I serve as lead facilitator of the TBL that has been offered yearly in the Molecules to Medicine Module.

03/2013 - Present	CIRC5013 Respiratory Health	Undergraduate	Sole Teacher
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Preparation Hrs: 15, Student Contact Hrs: 2 hours; I developed an interactive online and case-based hybrid didactic on Pediatric Stridor in the Respiratory Health Module for first year medical students. Each session is two hours long and has been offered yearly since 2013.

02/2013 - Present	CIRC6013 Musculoskeletal & Dermatology	Undergraduate	Co- Teacher
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Preparation Hrs: 15, Student Contact Hrs: 2 hours; Since 2013, along with 3 medical school colleagues, I have offered a yearly Pediatric Motor Unit Diseases Audience Response Session (ARS) to approximately 230 second year medical students. I was the primary developer of this interactive, multidisciplinary session on pediatric motor unit diseases.

03/2012 - Present	PEDI3005 Pediatrics Clerkship	Undergraduate/Graduate	Clinical Faculty
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Preparation Hrs: 1 hour, Student Contact Hrs: 8 hours; My role as a pediatric hospitalist allows me to work extensively with pediatric clerkship medical students on the wards and newborn nursery. While on service, I work with an

average of 3-4 students and provide bedside teaching and instruction. Formal didactics and detailed review of medical student notes and presentations are also performed regularly.

03/2012 - Present PEDI4040 Inpatient Graduate Clinical
 Pediatrics Faculty

Preparation Hrs: 1 hour, Student Contact Hrs: 8 hours; As a clinical educator, when on service I teach and supervise 1-4 third year medical students, 1 fourth year medical student, 2-4 interns and 1-3 upper level residents. On average, the team will manage 15-20 patients per day. Teaching activities include daily bedside rounds that stress the importance of family-centered rounding, a concept that emphasizes the importance of a therapeutic partnerships among healthcare providers, patients and their families in the management of Pediatric patients. I supervise the performance of procedures such as lumbar punctures and circumcisions. I facilitate Morning Report, an educational exercise that allows residents to present and teach pertinent topics to fellow residents and medical students. Once a month I supervise Radiology Rounds, a session where Radiology faculty review the previous weeks imaging studies. Teaching responsibilities include leading a 1 hour didactic sessions once a month to approximately 10 residents and medical students on important pediatric topics

OTHER TEACHING:

Group Instruction

<u>Date</u>	<u>Description</u>	<u>Institution</u>	<u># Students</u>
08/2016 - 08/2016	Team Based Learning Workshop	UTHSCSA	40
	<i>Invited to create and offer a workshop in the Team Based Learning (TBL) format on the topic of TBL in the Graduate Medical Education Teaching Excellence Series.</i>		
07/2016 - 07/2016	Neonatal Abstinence Syndrome Inpatient School	University Hospital	7
	<i>On July 12, I conducted a newborn nursing in-service on the topic of Neonatal Abstinence Syndrome protocol updates. 7 nurses participated in the hour long session.</i>		

05/2016 - 05/2016	Conference Workshop: GME and UME Learning Environment Accreditation Standards	Pediatric Academic Society 2016 Meeting	18
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During the 2016 Pediatric Academic Society (PAS) annual meeting, I was part of a multi-institutional group of pediatric educators who presented a workshop on Graduate Medical Education (GME) and Undergraduate Medical Education (UME) learning environment accreditation standards. I served as lead in the development of the workshop.

02/2016 - 02/2016	Team Based Learning Workshop	UTHSCSA	5
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Invited to create and offer a workshop in the Team Based Learning (TBL) format on the topic of TBL in the Department of Pediatrics Education Teaching Excellence Series.

07/2014 - 07/2015	Code Blue and Rapid Response Team Based Learning	UTHSCSA	60
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I assisted with the development and implementation of TBL for incoming pediatric interns on the topics of code blue and rapid response. I co-facilitated the session in 2014 and 2015.

06/2014 - 06/2014	Neonatal Abstinence Syndrome Nursing In- service	UTHSCSA & University Hospital	20
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A one hour in-service for newborn nursery nurses to specifically introduce the newly created Neonatal Abstinence Syndrome guidelines.

05/2014 - 05/2014	Neonatal Abstinence Syndrome Nursing In- service	UTHSCSA & University Hospital	20
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A one hour in-service offered to 20 newborn nursery nursing discussing the Modified Finnegan Scoring tool utilized in Neonatal Abstinence Syndrome.

03/2014 - Present	Eye, Ear, Nose & Throat Infections Inpatient School	UTHSCSA	10
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Pediatric Inpatient School Developed and moderated a 2 hour session delivered to approximately 5 pediatric residents and 5 medical students about eye, ear, nose & throat infections approximately 2-3 times per year.

02/2014 - 02/2014 Neonatal Abstinence Syndrome Nursing In-service UTHSCSA & University Hospital 20

Offered a one hour in-service to 20 newborn nursery nurses discussing the Modified Finnegan Scoring tool in Neonatal Abstinence Syndrome.

12/2013 - 12/2013 Neonatal Abstinence Syndrome Inpatient School UTHSCSA 15

Developed and moderated a Pediatric Inpatient School session for approximately 15 Pediatric residents on the newly created Neonatal Abstinence Syndrome treatment protocol.

09/2013 - Present Child Health Discipline Coordinator University of Texas Health Science Center San Antonio 400

In 2013, I assumed the role of the Child Health Discipline Coordinator in The University of Texas School of Medicine at San Antonio CIRCLE (Curricular Integration: Researchers, Clinicians, Leaders, Educators) curriculum. My primary responsibility is to ensure Pediatric health topics are appropriately represented and integrated in the pre-clinical medical school curriculum. With the implementation of a new medical school curriculum, I worked closely with Module Directors to create curriculum and plan schedules that ensured that all pre-clinical medical students, approximately 400 per year, learn foundational pediatric topics. I oversee and edit all pediatric content and I closely interact with Module Directors, Discipline Coordinators and faculty contributing Pediatric content.

09/2013 - Present Congenital Adrenal Hyperplasia Synthesis Case UTHSCSA 230

I collaborated with Dr. Jane Lynch in 2013 to develop a clinical case of an infant presenting with Congenital Adrenal Hyperplasia. This case has is utilized yearly in a case-based learning session in the Endocrine-Female Reproductive Module for approximately 230 second year medical students.

08/2013 - Present Newborn Nursery Medical Student Rotation UTHSCSA 20

Instructor for visiting rotating groups of 2nd year medical students to the newborn nursery. These 2 hour, hands-on sessions are offered for approximately 6 months in the academic year. They serve to introduce pre-

clinical medical students to the University Hospital Newborn Nursery and the newborn exam.

07/2013 - 09/2016	Synthesis Case Small Group Facilitator	University of Texas Health Science Center San Antonio	15
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Since 2013, I have served weekly as a small group facilitator for approximately 15 second year medical students. These small, intimate sessions utilize the principals of case-based learning to teach higher level clinical reasoning and prepare students for clinical responsibilities.

05/2013 - Present	Mock Code Scenario Development	UTHSCSA	10
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Monthly development and implementation of Pediatric Code Scenarios used monthly Mock Code teaching simulations. Scenarios include upper air way obstructions, SVT, Bradycardia, altered mental status, propranolol toxicity and increased intracranial pressure.

03/2013 - Present	Kawasaki Disease Inpatient School	University of Texas Health Science Center San Antonio	10
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I developed a didactic session for the Division of Inpatient Pediatrics "Inpatient School". This learning activity is offered during the noon hour to approximately 10 rotating residents and medical students. The session is offered by myself approximately 6 times per year.

01/2013 - 07/2016	Mock Code Curriculum	University of Texas Health Science Center San Antonio	10
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Spearheaded the design and implementation of mock code curriculum in 2013. The curriculum consists of monthly code training activities and quarterly didactics addressing topics pertinent to resuscitation such as oxygen modalities and code medications. Each teaching activity has approximately 10 learners, including medical students and residents. I personally created nearly all code scenarios and was responsible for room set-up.

10/2012 - Present	Osteomyelitis/Septic Arthritis Inpatient School	University of Texas Health Science Center San Antonio	10
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Pediatric Inpatient School I developed a didactic session for the Division of Inpatient Pediatrics "Inpatient School". This learning activity is offered during

the noon hour to approximately 10 rotating residents and medical students. The session is offered by myself approximately 6 times per year.

03/2012 - Present Inpatient Pediatrics UTHSCSA 10
Morning Report

While on service, approximately 5-6 times per year, I facilitate Morning Report, an educational exercise that allows residents to present and teach pertinent topics to fellow residents and medical students. Morning report occurs 4 days per week for approximately one hour.

09/2010 - 02/2012 Medical Preceptor American Heritage
School, Medical
Professions Program

Joe DiMaggio Children's Hospital On a weekly basis, hosted high school students during inpatient rounding. Program included career mentoring and advising.

11/2007 - 02/2012 Inpatient Pediatric Rotation Joe DiMaggio
Supervisor Children's Hospital

I performed daily bedside teaching rounds with 2-3 medical students, 1-2 physician assistant students and 1 high school students. Daily post-rounds didactics.

08/2005 - 09/2005 Pediatric Hospitalist University of Texas
Elective Health Science Center
San Antonio

I developed and implemented a pediatric hospitalist elective during my third year of Pediatric Residency. The elective included daily didactics, bedside rounding, and the creation of a Pediatric Urinary Tract Infection treatment protocol.

High School/Junior High School Student Supervision

<u>Date</u>	<u>Description</u>	<u>Institution</u>	<u># Students</u>
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07/2016 - 08/2016	High School Independent Preceptorship	UTHSCSA	1
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I serve as preceptor to a visiting High School senior interested in the medical profession. She shadows me approximately 3-4 times per week for 5 hours.

01/2014 - 01/2014 High School Independent UTHSCSA 1
Preceptorship

I served as a mentor for a visiting high school student interested in a career in pediatrics. Duties included supervising the student during rounds on two separate dates in January, 2014.

Individual Instruction

<u>Date</u>	<u>Description</u>	<u>Institution</u>	<u># Students</u>
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07/2014 - 07/2014	Medical Student Preceptor	UTHSCSA	1
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For one afternoon, a first year medical student interested in pediatrics shadowed me during morning rounds. She participated in bedside rounds and was able to interact closely with the patients.

10/2013 - 10/2013	Nurse Practitioner Preceptorship	UTHSCSA/University Hospital	1
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Provided preceptorship experience over a one week period to a rotating nurse practitioner student. Duties included bedside teaching and introduction on basic newborn care.

07/2012 - Present	Longitudinal Preceptorship Program	UTHSCSA	2
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Since 2012, I have mentored 4 medical students throughout their first and second years of medical school in the Longitudinal Preceptorship Program. The goal of the program is to provide medical students early clinical exposure through hands-on interactions with clinical faculty. I meet with students for approximately 2 hours every 2-3 months and provide instruction on real patient encounters in addition to history-taking and physical exam skills.

RESEARCH

EXPERTISE:

Interprofessional Education - A great deal of my academic focus has been in the area of Interprofessional Education (IPE). In 2014, strained physician and nurse relationships following a large scale hospital transition of the UTHSCSA Pediatric Residency Program inspired me to lead the development of The Pediatric Buddy Program. This innovative program pairs nurses from throughout the University Health System with pediatric interns to promote a collaborative clinical work environment and foster collegial nurse-resident relationships. I serve as the lead physician champion of this project and have been directly involved in the planning

and implementation of all its components. An integral component of the program is the creation of interdisciplinary system improvement projects utilizing Quality Improvement (QI), Quantitative Research, and Qualitative Research. I mentor each project and edit all posters submitted to the UTHSCSA Passport Poster Presentation Day. I have presented several posters highlighting the Pediatric Buddy Program at local and national conferences. These conferences include The University of Texas Innovations in Health Science Education Conference, Pediatric Educational Excellence Across the Continuum (PEEAC), Accreditation Council for Graduate Medical Education (ACGME) Annual Educational Conference, and The Association of Pediatric Program Directors (APPD) annual meeting.

Medical Student Education - I am a leader in curricular design and implementation. In 2013, I assumed the role of the Child Health Discipline Coordinator in The University of Texas School of Medicine at San Antonio CIRCLE (Curricular Integration: Researchers, Clinicians, Leaders, Educators) curriculum. My primary responsibility is to ensure Pediatric health topics are appropriately represented and integrated in the pre-clinical medical school curriculum. With the implementation of a new medical school curriculum, I worked closely with Module Directors to create curriculum and plan schedules that ensured that all medical students learned foundational pediatric topics. I oversee and edit all pediatric content and I closely interact with Module Directors, Discipline Coordinators and faculty contributing Pediatric content. In August 2016, I assumed the role of Assistant Pediatric Clerkship Director which will be supported at 0.2 FTE. I will work in partnership with the Clerkship Director to develop and execute an optimal learning experience for all 200 medical students rotating through the Pediatric Clerkship. In addition to classroom teaching activities, I will also be responsible for ongoing quality improvement, overseeing current clinical sites and mentoring students and junior faculty.

Neonatal Abstinence Syndrome (NAS) - My primary research interest is the management of Neonatal Abstinence Syndrome (NAS), a constellation of signs and symptoms in newborns due to substance or medication withdrawal. I am lead author of a newly developed treatment protocol that standardizes the pharmacologic and non-pharmacologic management of NAS in the University Hospital Newborn Nursery. Primarily, I am investigating the protocol's impact on hospital length of stay. I have performed multiple teaching sessions for nurses and residents discussing the protocol and the modified version of the Finnegan Neonatal Abstinence Scoring System, the most commonly used tool to score withdrawal signs in neonates. After one year of protocol implementation, infant hospital length of stay has decreased by over 10 days. Another aspect in the management of NAS that is of interest is the preservation of the maternal-infant bond. Recently I initiated an outreach effort with a community methadone treatment program for expectant mothers called The MOMMIES Program. Along with a pediatric colleague, I offer a class 4-5 times per year educating expectant mothers on the management of NAS and what to anticipate after delivery. I have presented my efforts on NAS locally at the UTHSCSA Fiesta of Education and The University of Texas Innovations in Health Science Education Conference. Nationally, I was invited to present Neonatal Abstinence Syndrome: Preserving the Infant-Maternal Bond at the American Medical Women's Association national conference.

Pediatric Code Curriculum Design - A strong educational interest of mine is strengthening resident code skills and providing them with the knowledge and tools to effectively evaluate and manage pediatric patients during code blue resuscitation. I spearheaded the development of the Pediatric Code Curriculum which serves to familiarize residents with their working environment while emphasizing early recognition of signs and symptoms of clinical deterioration, competency in pediatric

resuscitation skills and the importance of closed-loop communication. For over 3 years, on a monthly basis, I assisted in the development and implementation of mock code activities throughout University Hospital. I also coordinated and participated in teaching sessions addressing various pediatric code issues.

Quality Improvement - I am very interested in the role of quality improvement in healthcare, particularly collaborative efforts. I currently serve as a mentor for several quality improvement projects within the Pediatric Buddy Program, a multidisciplinary effort that pairs incoming interns with nurses throughout the University Health System. These projects include: Newborn Screening Education, Regional Asthma Management and Prevention Program (RAMP) in the Emergency Center, Breastfeeding Counseling, Protocol Adherence in the PICU, Easing the Admissions Process, Giving Effective Feedback, Improved Hand Washing in NICU, and Patient Satisfaction with Newly Developed Teams, Orientation to Newborn Nursery and I-PASS Between Residents and Nurses. I am also lead mentor in a Neonatal Abstinence Syndrome family education quality improvement project. I have also completed the UTHSCSA Clinical Safety and Effectiveness Course which instructs on Quality Improvement methodology.

Team Based Learning and The Flipped Classroom - My passion for student engagement has led me to become a leader in TBL use. I have worked with the Office of Undergraduate Medical Education (UME) educational experts in developing best practices and guidelines for its use throughout the undergraduate curriculum. I have presented about TBL and blended learning at Pediatric Grand Rounds in 2015, the Pediatrics Teaching Excellence Series and the UTHSCSA Graduate Medical Education (GME) Teaching Excellence Series offered to all incoming fellows and interested faculty. In addition to my institutional and local reputation as a TBL content expert, I am developing an emerging national reputation. I have presented posters on TBL at the Team-Based Learning Collaborative (TBLC) and Council on Medical Student Education in Pediatrics (COMSEP) national conferences.

PROJECTS:

Collaborative Research

- 10/2014- 10/2014 Development of Pediatric Code Educational Videos, Developed five brief (5-10 minute) videos with a multidisciplinary team consisting of pediatric nurses, pharmacists and respiratory therapists, that served to educate pediatric residents and pediatric nurses on various topics pertaining to code situations. Videos developed thus far include oxygen modalities, code medications, pediatric crash cart and resource bag, and SIMM child. Residents view videos as a form of preparatory instruction while on the wards.

- 07/2014- 07/2014 Buddy Program Simulation Exercise Coordinator, Developed and coordinated collaborative clinical simulation activities for the Buddy Program that stressed the importance of closed-loop communication between members of the code team. Nurse and intern buddies rotated through 6 stations that dealt with various pediatric clinical scenarios in the inpatient and outpatient setting. All scenarios and station schedules were created by myself. Topics varied from neonatal accidental extubation to toxic ingestion.

- 07/2014-07/2014 Pseudo-scripted Dialogue Creation: Pediatric Buddy Program, Created pseudo-scripted dialogues in the TeamSTEPPS format to be used during the Buddy Program orientation week activities. Nurse-intern buddy teams utilized scenarios to engage in role-play activities on topics that addressed open dialogue, mutual respect and supervision. Have been utilized for the last three years during Pediatric Buddy Program orientation.
- 05/2014-05/2015 Pediatric Hypertension Team Based Learning, Assisted Dr. Mazen Arar with modifications made to application exercises and the readiness assurance process of the Pediatric Hypertension TBL. My assistance with modifications has been provided for two consecutive years (2014, 2015)
- 05/2014-07/2014 Code Blue and Rapid Response UTHSCSA TBL, Mentored pediatric resident, Dolores Blais, in the development and implementation of a TBL for incoming pediatric interns on the topics of code blue and rapid response. Assisted in the creation of individual/team readiness assurance process and application exercises. Served as co-facilitator for session.
- 04/2014-Present Pediatric Buddy Program, I am lead physician coordinator of a collaborative project that pairs incoming pediatric interns with a University Health System nurses with the goal of fostering open communication between both groups and dispelling deeply rooted myths. The pairs engaged in various activities during orientation week and will continue to participate in longitudinal paired activities throughout the academic year that will culminate in the creation of educational projects. I was instrumental in the creation of the project and securing support from the Department of Pediatrics and The University Health System. The 3rd Cohort of the program is currently enrolled.

Departmental Projects

- 11/2014-09/2015 University Health System Pediatric Code Pink Drills, Spearhead the collaborative implementation of quarterly code pink (kidnapping) drills at University Hospital. These efforts were offered in conjunction with the University Hospital nursing and security staff. I assisted in the creation of kidnapping scenarios and the actual coordination of the drills.
- 08/2014-08/2014 Neonatal Abstinence Syndrome Protocol: Nursery Handbook, I created the entry on the Neonatal Abstinence Syndrome protocol found in the newborn nursery handbook. The handbook is provided yearly to all residents to assist during their nursery rotation.
- 07/2014-09/2014 University Health System Pediatric Escalation of Care Policy, Leader of a multidisciplinary group of pediatric providers who created an inpatient pediatric code blue and rapid response policy for the University Health System.

- 05/2013- Neonatal Abstinence Syndrome Clinical Guidelines and Protocols, I led
07/2013 in the development of newly developed Neonatal Abstinence Syndrome (NAS) evidence-based clinical guideline utilized in the University Hospital Newborn Nursery.
- 04/2013- University Health System Pediatric Mock Code Guidelines,
04/2013 Spearheaded the development of the Department of Pediatrics University Hospital Mock Code Curriculum Guidelines. These guidelines served to facilitate the coordination and implementation of monthly mock code activities.

Educational Grant

- 09/2015- Community Service Learning Project: Embody Love Movement, Since
Present early 2015, I have served as faculty mentor on a student led Community Service Learning (CSL) project entitled Embody Love Movement San Antonio: Clinical Adaptation. This project has been awarded a CSL grant in 2015 and 2016, and has resulted in a poster presentation at a local conference. Empirical findings demonstrate the effectiveness of this program; following participation in the workshop, students reported reductions in body shame and unhealthy nutrition attitudes.

Posters

- 04/2016- Improving the Care of Infants with Neonatal Abstinence Syndrome,
04/2016 Poster presented at the 2016 UTHSCSA Fiesta of Education Conference, highlighting the development and implementation of a Neonatal Abstinence Syndrome treatment protocol.
- 04/2016- Opportunity for Quality Improvement and Positive Collaborative
04/2016 Relationship, Co-authored a poster presented at the 2016 UTHSCSA Fiesta of Education Conference. The poster, entitled Pediatric Buddy Program: Opportunity for Quality Improvement and Positive Collaborative Relationship Building through Nurse-Intern Educational Partnership, addressed the outcomes of the first year of the Pediatric Buddy Program.
- 03/2016- Opportunity for Quality Improvement and Positive Collaborative
03/2016 Relationship, Co-authored a poster presented at the 2016 Association of Pediatric Program Directors (APPD) annual conference. The poster, entitled Pediatric Buddy Program: Opportunity for Quality Improvement and Positive Collaborative Relationship Building through Nurse-Intern Educational Partnership, addressed the outcomes of the first year of the Pediatric Buddy Program.

- 02/2016-
02/2016 Improving the Care of Infants with Neonatal Abstinence Syndrome, Poster presented at the 2016 Innovations in Health Science Education Conference highlighting the development and implementation of a Neonatal Abstinence Syndrome treatment protocol. Poster has also been presented at the UTHSCSA Fiesta of Education Conference.
- 02/2016-
02/2016 Opportunity for Quality Improvement and Positive Collaborative Relationship, Co-authored and presented at the 2016 University of Texas Innovations in Health Science Education Conference a poster entitled Pediatric Buddy Program: Opportunity for Quality Improvement and Positive Collaborative Relationship Building through Nurse-Intern Educational Partnership. The poster addressed the outcomes of the first year of the Pediatric Buddy Program.
- 02/2016-
02/2016 Opportunity for Quality Improvement and Positive Collaborative Relationship, Co-authored a poster presented at the 2016 Accreditation Council for Graduate Medical Education (ACGME) Conference. The poster, entitled Pediatric Buddy Program: Opportunity for Quality Improvement and Positive Collaborative Relationship Building through Nurse-Intern Educational Partnership, addressed the outcomes of the first year of the Pediatric Buddy Program.
- 09/2015-
09/2015 Opportunity for Quality Improvement and Positive Collaborative Relationship, Co-authored and presented at the 2016 Pediatric Educational Excellence Across the Continuum (PEEAC) a poster entitled Pediatric Buddy Program: Opportunity for Quality Improvement and Positive Collaborative Relationship Building through Nurse-Intern Educational Partnership. The poster addressed the outcomes of the first year of the Pediatric Buddy Program.
- 04/2015-
04/2015 Lessons Learned: Creating a Hands-On, Interactive Medically-Oriented TBL, Abstract created to present the lessons learned after two iterations of the TBL through the use of self-reflection and student/medical education specialist feedback. Presented at The Fiesta of Education event at UTHSCSA.
- 04/2015-
04/2015 Pediatric Buddy Program as a Method for Creating a Positive Cultural Shift, A poster created to present a collaborative project that pairs incoming pediatric interns with a University Health System nurses with the goal of fostering open communication between both groups and dispelling deeply rooted myths. The poster also addresses how the program addresses The Clinical Learning Environment Review (CLER) assessment areas at The Fiesta of Education event at UTHSCSA.
- 03/2015-
03/2015 Lessons Learned: Creating a Hands-On, Interactive Medically-Oriented TBL, Abstract created to present the lessons learned after two iterations of the TBL through the use of self-reflection and student/medical education specialist feedback. Presented at The Council on Medical Student Education in Pediatrics (COMSEP) in New Orleans, LA.

- 03/2015- Lessons Learned: Creating a Hands-On, Interactive Medically-Oriented
03/2015 TBL, Abstract created to present the lessons learned after two iterations of the TBL through the use of self-reflection and student/medical education specialist feedback. Presented at The Team-Based Learning Collaborative (TBLC) Conference in Saint Petersburg, FL.
- 02/2015- Lessons Learned: Creating a Hands-On, Interactive Medically-Oriented
02/2015 TBL, Abstract created to present the lessons learned after two iterations of the TBL through the use of self-reflection and student/medical education specialist feedback. Presented at the 2015 Innovations in Health Science Education Annual Conference in Austin, TX.
- 02/2015- Pediatric Buddy Program as a Method for Creating a Positive Cultural
02/2015 Shift, A poster created to present a collaborative project that pairs incoming pediatric interns with a University Health System nurses with the goal of fostering open communication between both groups and dispelling deeply rooted myths. The poster also addresses how the program addresses The Clinical Learning Environment Review (CLER) assessment areas at the 2015 Innovations in Health Science Education Annual Conference in Austin, TX.
- 05/2014- Creating a Hands-On, Interactive and Practical Medically-Oriented TBL,
05/2014 Poster was presented at UTHSCSA Pediatric Research Day, in San Antonio, Texas.
- 03/2014- Creating a Hands-On, Interactive and Practical Medically-Oriented TBL,
03/2014 Poster was presented at the annual TBL Collaborative Conference, in Fort Worth, Texas.
- 02/2014- Creating a Hands-On, Interactive and Practical Medically-Oriented TBL,
02/2014 Poster was presented at the 10th Annual Innovations in Health Science Education Conference, sponsored by The University of Texas Academy of Health Science Education in Austin, Texas.

Teaching Projects

- 08/2014- Adolescent Medicine and Gender Dysphoria TBL, I am served as a
08/2015 mentor to medical student, Chris Lamb, in the development of a TBL focusing on Adolescent Medicine and Gender Dysphoria. I am assisting in the development of the readiness assurance process and application exercises.

PRESENTATIONS:

- 09/2016 Interprofessional Communication, Interprofessional Leadership Scholars Series, Interprofessional Leadership Scholars Series, UTHSCSA, San Antonio, TX (Panel)

Details: *I was asked to participate in an interprofessional panel discussing the importance of open and professional communication in medicine. The panel consisted of Dental School and Medical School faculty.*

08/2016 Teaching Excellence Series: Team-Based Learning, UTHSCSA Graduate Medical Education (GME) Teaching Excellence Series, Department of Pediatrics, UTHSCSA, San Antonio, TX (Invited Speaker)

Details: *Invited to create and offer a 2-hour hands-on workshop in August 2016, that teaches Pediatric fellows and UTHSCSA faculty about Team-Based Learning.*

05/2016 Sharing the Sandbox: Bridging GME and UME Learning Environment Accreditation Standards in a TBL Format, Pediatric Academic Society annual meeting, National Conference, Pediatric Academic Society, Baltimore, MD (Co-Presenter)

Details: *I led the development of a workshop that attempts to identify areas of natural overlap between UME and GME learning environment accreditation standards. The workshop entitled, Sharing the Sandbox: Bridging GME and UME Learning Environment Accreditation Standards in a TBL Format, provides participants with the tools to more effectively collaborate and jointly develop targeted action plans to improve learning environments. The workshop is offered in a TBL format and is a joint effort between members of the UTHSCSA and Baylor Departments of Pediatrics.*

04/2016 Sharing the Sandbox: Bridging GME and UME Learning Environment Accreditation Standards in a TBL Format, The Southern Group on Educational Affairs (SGEA) annual meeting, Regional Conference, Southern Group on Educational Affairs (SGEA), Austin, TX (Co-Presenter)

Details: *I led the development of a workshop that attempts to identify areas of natural overlap between UME and GME learning environment accreditation standards. The workshop entitled, Sharing the Sandbox: Bridging GME and UME Learning Environment Accreditation Standards in a TBL Format, provides participants with the tools to more effectively collaborate and jointly develop targeted action plans to improve learning environments. The workshop is offered in a TBL format and is a joint effort between members of the UTHSCSA and Baylor Departments of Pediatrics.*

03/2016 Doctor's Day Presentation, Boerne Samuel Champion High School, UTHSCSA, Boerne, TX (Sole Presenter)

Details: *Represented the UTHSCSA as a one hour, guest speaker at Boerne Samuel Champion High School discussing career in medicine.*

03/2016 Neonatal Abstinence Syndrome: Preserving the Maternal-Infant Bond, American Medical Women's Association 101st Meeting, American Medical Women's Association, Miami, FL (Invited Speaker)

Details: *I was an invited speaker at the 101st American Medical Women's Association "Hot Topic" section to discuss creation of Neonatal Abstinence*

Management treatment protocol and efforts to preserve maternal-infant bond.

03/2016 Pediatrics Teaching Excellence Series: Team-Based Learning, Pediatrics Teaching Excellence Series, Department of Pediatrics Pediatrics Teaching Excellence Series, San Antonio, TX (Invited Speaker)

Details: *Invited to create and offer a 2-hour hands-on workshop that teaches participants about Team-Based Learning.*

10/2015 Interprofessional Communication, Interprofessional Leadership Scholars Series, Interprofessional Leadership Scholars Series, UTHSCSA, San Antonio, TX (Panel)

Details: *Asked to participate in an Interprofessional panel that addressed the importance of open, professional communication in medicine.*

09/2015 Sharing the Sandbox: Bridging GME and UME Learning Environment Accreditation Standards in a TBL Format, Pediatric Educational Excellence Across the Continuum (PEEAC) Annual Meeting, National Conference, Pediatric Educational Excellence Across the Continuum, Atlanta, GA (Co-Presenter)

Details: *I led the development of a workshop that attempts to identify areas of natural overlap between UME and GME learning environment accreditation standards. The workshop entitled, Sharing the Sandbox: Bridging GME and UME Learning Environment Accreditation Standards in a TBL Format, provides participants with the tools to more effectively collaborate and jointly develop targeted action plans to improve learning environments. The workshop is offered in a TBL format and is a joint effort between members of the UTHSCSA and Baylor Departments of Pediatrics.*

06/2015 Career Options in the Health Professions, BEAT Academy Lecture Series, The BEAT Academy, San Antonio, TX (Invited Speaker)

Details: *Guest speaker in The BEAT (Biomedical Excellence and Academic Training) Academy to a group of 20 high school juniors and seniors from South Texas ISD lower Rio Grande Valley interested in health careers. The BEAT Academy is a one week science educational program for high school students interested in the health sciences offered at UTHSCSA.*

06/2015 Female Physician: Work-Life Balance, American Medical Women's Association, American Medical Women's Association student chapter, American Medical Women's Association, San Antonio, TX (Invited Speaker)

Details: *Invited to provide a one hour talk to the UTHSCSA student AMWA chapter about work-life balance as a female physician.*

06/2015 Pediatric Buddy Program, Pediatric Grand Rounds, San Antonio, TX (Co-Presenter)

Details: *Co-presenter for Pediatric Grand Rounds that discussed the creation and implementation of the Pediatric Buddy Program.*

- 04/2015 Goodbye Lecture, Hello Engaged Classroom Learning, Pediatric Grand Rounds, Department of Pediatrics, San Antonio, TX (Co-Presenter)
Details: *Co-Presenter for a Pediatric Grand Rounds dedicated to discussing the incorporation of the flipped classroom module to promote further student engagement through active learning.*
- 03/2015 Doctors Day Presentation, Robert E. Lee High School, San Antonio, TX (Invited Speaker)
Details: *Participated in a lecture for STEM Students discussing a career in medicine.*
- 03/2014 Doctors Day Presentation, Robert E. Lee High School, San Antonio, TX (Invited Speaker)
Details: *Participated in a lecture for STEM Students discussing a career in medicine.*
- 07/2013 How I Learned to Stop Worrying and Love Inpatient Pediatrics, Pediatric Grand Rounds, Department of Pediatrics, Division of Inpatient Pediatrics, San Antonio, TX (Co-Presenter)
Details: *Co-presenter with Dr. Alex Foster addressing important topics in Inpatient Pediatrics primarily directed towards new interns.*
- 03/2012 Doctor's Day Presentation, William Taft High School, San Antonio, TX
- 12/2005 Neonatal Malaria, Senior NICU presentation, Senior NICU presentation, University Hospital, San Antonio, TX (Sole Presenter)
- 11/2005 Pediatric Trauma, Morbidity and Mortality Conference, Santa Rosa Children's Hospital, San Antonio, TX (Sole Presenter)
- 08/2005 Brucellosis, Ambulatory Pediatrics Conference, Santa Rosa Children's Hospital, San Antonio, TX (Sole Presenter)
- 02/2005 Rheumatic Fever, Ambulatory Pediatrics Conference, San Antonio Children's Hospital, San Antonio, TX (Sole Presenter)
- 11/2004 Hemolytic Uremic Syndrome, Ambulatory Pediatrics Conference, Santa Rosa Children's Hospital, San Antonio, TX (Sole Presenter)
- 04/2004 Tuberculosis Meningitis, Morbidity and Mortality Conference, Santa Rosa Children's Hospital, San Antonio, TX (Sole Presenter)
- 04/1998 Site Directed Mutagenesis Studies of Spectrin, Loyola University Research Symposium, Loyola University of Chicago, Chicago, IL (Sole Presenter)

RESEARCH GRANTS:

Private

Project #:

Funding Agency: University Health System Foundation Grant

Title: A Collaborative Approach to Quality Mock Codes in the Pediatric Population

Status: Active

Period: 07/2015 - Present

Role: Co-Investigator **% Effort:** 50%

Total Costs: \$3,200.00

Grant Detail: A collaborative grant that allowed for the purchase of 2 Advanced Life Support (ALS) simulators for the Department of Pediatrics. Equipment is used monthly during code training simulations.

SERVICE

ADMINISTRATIVE RESPONSIBILITIES:

<u>Dates</u>	<u>Type</u>	<u>Description</u>	<u>Role</u>
08/2016-Present		Associate Pediatric Clerkship Director	Co-Director

I currently serve in the role of Assistant Pediatric Clerkship Director, working in partnership with the Clerkship Director (Dr. Jean Petershack) to develop and execute an optimal learning experience for all 200 medical students rotating through the Pediatric Clerkship. In addition to classroom teaching activities, which include multiple 2-3 hour didactic sessions, I am responsible for ongoing quality improvement, overseeing current clinical sites and mentoring students and junior faculty. Additional administrative duties include performing midpoint evaluation meetings, contributing to the clerkship schedule development, and offering a newborn nursery medical student orientation every two weeks.

07/2014-08/2017		UT School of Medicine in San Antonio Curriculum Committee Course Evaluation Subcommittee	Member
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As a member of the Curriculum Committee Course Evaluation Subcommittee, I assist with the monthly review of student evaluations, student performance, and other outcome measures of all required courses, clerkships, selectives. The subcommittee makes formal recommendations to the UT School of Medicine Curriculum Committee. I am tasked to lead a review three times per year.

04/2014-Present Monthly Module Directors- Administrator
 Discipline Coordinator
 Meetings Coordinator

I have assisted in the quarterly coordination of monthly School of Medicine CIRCLE Module Director and Discipline Coordinator meetings. These meeting serve to assist in the planning of each upcoming module.

04/2014-Present Pediatric Buddy Program Coordinator
 Lead Physician
 Coordinator

A great deal of my academic focus has been in the arena of Interprofessional Education (IPE). In 2014, I spearheaded the development of The Pediatric Buddy Program. This innovative program pairs nurses from throughout the University Health System with interns to promote a collaborative clinical work environment and foster collegial nurse-resident relationships. I serve as the lead physician coordinator of this project and am directly involved in the planning and implementation of all its components. In addition to scheduling all program activities and didactics, I am tasked to pair the nurse-inters teams, mentor all team projects and meet monthly with other program coordinators.

09/2013-08/2016 UTHSCSA International Immediate Past
 Relations Committee Chair

I was a member of the International Relations Committee from 2013-2016. Between 2015-2016, I served as Chair of this vital committee that helps acquire and disseminate information in the health sciences on an international level, coordinate support for international faculty and staff, and promote scientific exchange between the University of Texas Health Science Center at San Antonio and academic institutions throughout the world. In addition to leading the collaboration with the Office of International Students, I directed the planning of a successful 2015 International Education Week, that included a keynote speaker addressing the topic of mental health on a global scale. Prior to my departure as Chair, I secured the 2016 International Education Week keynote speaker, a distinguished physician from New York City who will discuss the topic of medical neutrality. As Immediate Past-Chair, I continue to assist the committee in its planning of the upcoming event.

PATIENT CARE:

<u>Dates</u>	<u>Type</u>	<u>Description</u>	<u>Role</u>
03/2012-Present	Inpatient	Assistant Professor of Pediatrics: Pediatric Hospitalist	Attending Physician

As a Pediatric Hospitalist, I care for patients from the newborn period up to late adolescence at University Hospital, a Level I Pediatric Trauma Center and a leading south Texas referral site. My clinical duties consist of up to 20 weeks of service time consisting of procedural sedation for nearly 200 patients per year, care for newborns in a nursery that sees over 3,000 births per year, and the

management of between 15-20 hospitalized patients per day on the Pediatric wards for medical problems ranging between acute, simple ailments to medically complicated, multi-organ system disease. When on service, I teach and supervise 1-4 third year medical students, 1 fourth year medical student, 2-4 interns and 1-3 upper level residents. My evaluations from student and resident learners have regularly been positive and I have emerged as a leader in medical education in the Department of Pediatrics.

SERVICE TO THE INSTITUTION:

<u>Dates</u>	<u>Type</u>	<u>Description</u>	<u>Role</u>
10/2016-11/2016	Department	Pediatric Residency Interviewer	Interviewer
<p><i>Serve yearly as Pediatric residency interviewer. Duties include reviewing applications and interviewing approximately 2-3 applicants per interview season.</i></p>			
10/2015-12/2015	Department	Pediatric Residency Interviewer	Interviewer
<p><i>Serve yearly as Pediatric residency interviewer. Duties include reviewing applications and interviewing approximately 2-3 applicants per interview season.</i></p>			
09/2015-Present	School	Community Service Learning Project: Embody Love Movement	Mentor
<p><i>Since early 2015, I have served as faculty mentor on a student led Community Service Learning (CSL) project entitled Embody Love Movement San Antonio: Clinical Adaptation. This project has been awarded a CSL grant in 2015 and 2016, and has resulted in a poster presentation at a local conference. I meet with student project leader at least every 2 months to review progress. Empirical findings demonstrate the effectiveness of this program; following participation in the workshop, students reported reductions in body shame and unhealthy nutrition attitudes.</i></p>			
08/2015-08/2015	Hospital	University Hospital Outreach Liaison	Department Representative
<p><i>Along with a University Hospital Transport Team representative, I visited several clinics in neighboring towns to promote University Hospital's inpatient Pediatric programs.</i></p>			
07/2015-Present	School	Department of Pediatrics Diversity Liaison	Liaison
<p><i>Selected to represent the Department of Pediatrics as a Diversity Liaison. Responsibilities include participation in school wide diversity and inclusion endeavors, particularly in searches for all position vacancies (not strictly leadership positions in conjunction with Diversity Committee.</i></p>			

04/2015-Present University American Medical Advisor
Women's Association
Faculty Advisor

I serve as faculty advisor to the student chapter of the American Medical Women's Association (AMWA). I attend quarterly meetings and advise on the planning of organizational activities. As advisor, I was instrumental in securing travel funds from the Dean's office for student members to attend the AMWA annual meeting. I also meet quarterly with organizational student leadership.

12/2014-Present University Facilitated Acceptance to Member
Medical Education
(FAME) Applicant
Reviewer

Volunteer for a committee tasked to review applicants for the FAME program and also function as an interviewer.

10/2014-12/2014 Department Pediatric Residency Interviewer
Interviewer

Serve yearly as Pediatric residency interviewer. Duties include reviewing applications and interviewing approximately 2-3 applicants per interview season.

10/2014-10/2014 School Veritas Pediatric Social Volunteer
Hour

Participated as pediatric faculty representative for Veritas Social Hour on 10/28/2014. Interacted with students interested in pediatrics and answered their questions concerning the specialty.

09/2014-09/2014 Mock Residency Interviewer
Interviewer for UTHSCSA
UME Office

Served as the mock residency interviewer for UTHSCSA UME office. Developed and implemented mock code curriculum session for weekly Department of Pediatrics Didactics

07/2014-08/2017 School UT School of Medicine in Chair
San Antonio Curriculum
Committee

I currently serve as Chair of the University of Texas School of Medicine at San Antonio Curriculum Committee. This vital group is tasked to establish requirements for the degree of Doctor of Medicine, evaluate the quality and organization of the current curriculum, and develop and recommend to the Dean of the School of Medicine strategies for implementing changes in the content, scope and sequence of courses, selectives, and electives. My responsibilities include general oversight of the committee, chairing monthly meetings, establishing meeting agendas, and leading monthly Executive Curriculum Committee meetings.

07/2014-Present Lead Coordinator of Coordinator
University Health System
Pediatric Ancillary Fair

I am lead coordinator of yearly Pediatric Ancillary Fair, developed to introduce pediatric interns to their new healthcare system. It consisted of over 20 departments providing pediatric services within the University Health System and has been offered in 2014, 2015 and 2016. I am responsible for securing each department's participation and coordinating on the actual day.

07/2014-Present Department Outpatient Mock Code Advisor
Scenario Reviewer

I serve as an adviser and mentor to the resident members of the Pediatric Code Committee (Anthony Arrendondo and Dolores Blais) and assist with the creation and editing of monthly, outpatient code clinical scenarios.

04/2014-Present School PRIDE Faculty Advisor Advisor

I serve as faculty advisor to the student chapter of PRIDE. I have volunteered at community events and served as a representative of UTHSCSA at the 2014 and 2015 OUT For Health Summit.

10/2013-12/2013 Department Pediatric Residency Interviewer
Interviewer

Serve yearly as Pediatric residency interviewer. Duties include reviewing applications and interviewing approximately 2-3 applicants per interview season.

09/2013-08/2019 School UT School of Medicine Member
Diversity Committee

Since 2013, I have been an active member of the UT School of Medicine Diversity Committee, advising and assisting the medical school in developing, updating and supporting policies and programs that advance diversity and inclusion in the medical school. I have represented the committee at multiple local and national conferences.

09/2013-09/2013 Mock Residency Interviewer
Interviewer for UTHSCSA
UME Office

Served as the mock residency interviewer for UTHSCSA UME office. Developed and implemented mock code curriculum session for weekly Department of Pediatrics Didactics

09/2013-Present School Child Health Discipline Coordinator
Coordinator

In 2013, I assumed the role of the Child Health Discipline Coordinator in The University of Texas School of Medicine at San Antonio CIRCLE (Curricular Integration: Researchers, Clinicians, Leaders, Educators) curriculum. My primary responsibility is to ensure Pediatric health topics are appropriately represented and integrated in the pre-clinical medical school curriculum. With the implementation of a new medical school curriculum, I worked closely with

Module Directors to create curriculum and plan schedules that ensured that all pre-clinical medical students, approximately 400 per year, learn foundational pediatric topics. I oversee and edit all pediatric content and I closely interact with Module Directors, Discipline Coordinators and faculty contributing Pediatric content.

SERVICE TO THE PUBLIC:

<u>Dates</u>	<u>Type</u>	<u>Description</u>	<u>Role</u>
04/2016-04/2016	Health Education	Huebner Elementary Volunteer Lecturer	Guest Lecturer
<i>I served as a guest lecturer for a Huebner Elementary kindergarten classroom, discussing topics pertinent to health education such as good hygiene and nutrition.</i>			
03/2016-03/2016	Community	UTHSCSA Career Day	Guest Speaker
<i>Participated in Career Day at Boerne Samuel Champion High School. I discussed my career in medicine and answered student questions.</i>			
02/2016-Present	Community	MOMMIES Program Newborn Nursery Class	Co-Leader
<i>Spearheaded an outreach effort with a community methadone treatment program for expectant mothers called The MOMMIES Program. Along with a pediatric colleague, I offer a 1 hour class to between 10-15 students approximately 4-5 times per year educating expectant mothers on the management of NAS and what to anticipate after delivery.</i>			
03/2015-03/2015	Community	UTHSCSA Career Day	Guest Speaker
<i>Participated in Career Day at Robert E. Lee High School, in San Antonio, Texas.</i>			
10/2014-10/2014		Volunteer as Fossil Station Presenter	Presenter
<i>Volunteer as fossil station presenter for Huebner Elementary third grade Honey Creek field trip for approximately 60 students.</i>			
03/2014-03/2014	Community	UTHSCSA Career Day	Guest Speaker
<i>Participated in Career Day at Robert E. Lee High School, in San Antonio, Texas.</i>			
01/2014-01/2014	Health Education	Volunteer Lecturer	Speaker
<i>Participated as a volunteer lecturer for pre-kindergarten class of approximately 20 students at Block and Dreeben School for Young Children discussing good health practices, in San Antonio, Texas.</i>			
02/2013-02/2013	Health Education	Volunteer Lecturer	Speaker

Participated as a volunteer lecturer to first grade class of 20 students at Huebner Elementary discussing good health practices, in San Antonio, Texas.

03/2012-03/2012 Community UTHSCSA Career Day Guest Speaker

Participated in Career Day at Taft High School, in San Antonio, Texas. I discussed my career in medicine and answered student questions.

PROFESSIONAL AFFILIATIONS:

Dates

Organization

10/2015-Present Academic Pediatric Society

Additional Details: *The Academic Pediatric Association (APA) is a professional pediatric organization that represents approximately 2000 health care professionals in academic general pediatrics.*

03/2015-Present American Medical Women Association (AMWA)

02/2015-Present Council on Medical Student Education in Pediatrics (COMSEP)

Additional Details: *An organization established in 1992, consisting of pediatric educators from throughout the country, that champions the cause of pediatric medical student education.*

08/2014-Present San Antonio Hospitalists

Additional Details: *Member of a group comprised of pediatric hospitalists from throughout San Antonio who meet monthly to discuss various topics pertinent to hospital medicine.*

05/2013-05/2014 Society for Simulation in Healthcare

02/2013-Present Team Based Learning Collaborative

07/2006-Present Society Hospital of Medicine

07/2003-Present American Academy of Pediatrics

COMMITTEES (UTHSCSA Standing Committees):

UNIVERSITY

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
09/2013-08/2016	International Relations Committee	Past Chair
<i>I was a member of the International Relations Committee from 2013-2016. Between 2015-2016, I served as Chair of this vital committee that helps acquire and disseminate information in the health sciences on an international level, coordinate support for international faculty and staff, and promote scientific exchange between the University of Texas Health Science Center at San Antonio and academic institutions throughout the world. In addition to leading the collaboration with the Office of International Students, I directed the planning of a successful 2015 International Education Week, that included a keynote speaker addressing the topic of mental health on a global scale. Prior to my departure as Chair, I secured the 2016 International Education Week keynote speaker, a distinguished physician from New York City who will discuss the topic of medical neutrality. As Immediate Past-Chair, I continue to assist the committee in its planning of the upcoming event.</i>		

COMMITTEES (OTHER):

DEPARTMENT

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
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- 05/2014-08/2014 Department of Pediatrics Education Task Force, Member
 UTHSCSA, Pediatrics
Member of a Department of Pediatrics Education Committee, tasked with evaluating and selecting content to be taught during pediatric residency.
- 03/2013-03/2014 Pediatric Transition Workgroup & Pharmacy Member
 Committee, University of Texas Health Science
 Center-San Antonio, University of Texas Health
 Science Center-San Antonio, Pediatrics
Selected to participate in a multi-disciplinary committee that assisted with the large-scale transition of the UTHSCSA Pediatric Residency program to a new training hospital.

HOSPITAL

- | <u>Dates</u> | <u>Committee</u> | <u>Role</u> |
|---------------------|--|--------------------|
| 11/2014-07/2016 | University Hospital Code Blue Focus Group,
University Hospital, Pediatrics | Member |
| | <i>I am a member of the Code Blue Focus Group created by University Hospital Resuscitation Committee to review and create code blue procedures within the hospital. I represent the Department of Pediatrics at monthly meetings.</i> | |
| 10/2013-07/2016 | University Hospital Resuscitation Committee,
University Hospital, Pediatrics | Member |
| | <i>Member of a multidisciplinary committee responsible for the oversight of cardiopulmonary resuscitation events at University Hospital.</i> | |
| 10/2012-07/2016 | University Hospital Pediatric Code
Subcommittee, University of Texas Health
Science Center-San Antonio, University of
Texas Health Science Center-San Antonio,
Pediatrics | Co-Chair |
| | <i>Co-chair of a subcommittee of the University Hospital Resuscitation Committee. Created to strengthen pediatric resident and medical student mock code skills and teach, reinforce and evaluate patient management during code blue resuscitation. Duties include chairing monthly meetings, composing and disseminating minutes, reviewing University Hospital pediatric code blue and rapid response data and coordinating monthly mock code activities.</i> | |

10/2012-07/2013	CHRISTUS Santa Rosa Infection Control Committee, Children's Hospital of San Antonio <i>Member of a multidisciplinary committee that serves to ensure effective arrangements are in place for infection prevention and control.</i>	Member
05/2012-07/2013	CHRISTUS Santa Rosa Pharmacy and Therapeutics Committee, CHRISTUS Santa Rosa Hospital <i>Member of a multidisciplinary committee that functions as a policy-recommending body on matters related to the safe and therapeutic use of medications.</i>	Member
01/2008-02/2012	Breastfeeding Promotion Committee, Joe DiMaggio Children's Hospital <i>Chair of committee created to protect, promote, and support breastfeeding within the hospital system.</i>	Chair

SCHOOL

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
01/2016-Present	Search Committee for Vice Dean of Inclusion and Diversity, UTHSCSA, School of Medicine <i>Invited to serve on the selection committee for the newly created position of the Vice-Dean of Diversity and Inclusion at UTHSCA. Duties include review of potential candidate applications and meeting attendance every 2-3 months.</i>	Member
03/2015-07/2015	Assistant Dean for Student Affairs Search Committee, UTHSCSA, School of Medicine, Undergraduate Medical Education <i>I was selected to serve on a search committee for the Assistant Dean for Student Affairs at the School of Medicine. Responsibilities included reviewing potential candidate applications and assisting with the interview process.</i>	Member

- 01/2015-Present Medical School Diversity Committee: Women in Group
 Medicine Task Force, UTHSCSA, School of Leader
 Medicine
- Tasked by the School of Medicine Diversity Committee to lead the newly created Women in Medicine Task Force. My primary duty includes collaborating with other organizations at the School of Medicine to promote leadership roles for women in academic medicine. I also work with the Dr. Linda Solis, Interim Director of Student Diversity, Inclusion, Wellbeing & Professional Development, to coordinate events to address topics pertinent to women in medicine.*
-
- 07/2014-08/2017 UT School of Medicine in San Antonio Chair
 Curriculum Committee Course Evaluation
 Subcommittee, UTHSCSA, School of Medicine
- I currently serve as Chair of the UT School of Medicine Curriculum Committee. This vital group is tasked to establish requirements for the degree of Doctor of Medicine, evaluate the quality and organization of the current curriculum, and develop and recommend to the Dean of the School of Medicine strategies for implementing changes in the content, scope and sequence of courses, selectives, and electives. My responsibilities include general oversight of the committee, chairing monthly meetings, establishing meeting agendas, and leading monthly Executive Curriculum Committee meetings.*
-
- 07/2014-08/2017 UT School of Medicine in San Antonio Member
 Curriculum Committee Course Evaluation
 Subcommittee , UTHSCSA, School of Medicine
- As a member of the Curriculum Committee Course Evaluation Subcommittee, I assist with the monthly review of student evaluations, student performance, and other outcome measures of all required courses, clerkships, selectives. The subcommittee makes formal recommendations to the UT School of Medicine Curriculum Committee. I am tasked to lead a review three times per year.*
-
- 09/2013-08/2019 UT School of Medicine in San Antonio Diversity Member
 Committee, UTHSCSA, UTHSCSA
- Since 2013, I have been an active member of the UT School of Medicine Diversity Committee, advising and assisting the medical school in developing, updating and supporting policies and programs that advance diversity and inclusion in the medical school. I have represented the committee at multiple local and national conferences.*

UNIVERSITY

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
03/2015-09/2015	UT School of Medicine Curriculum Design and Management Subcommittee: Ad Hoc Policies and Procedures Committee, UTHSCSA, School of Medicine, Undergraduate Medical Education <i>Member of an Ad Hoc Committee convened to develop formal policies and procedures for the School of Medicine Curriculum Design and Management Subcommittee.</i>	Member

Jill Anne Johnston, MD, FAAP

1044 Catalpa Drive, O'Fallon, IL 62269

Home: 618-206-8300

Cell: 618-530-7300

Email: jilljohnsto_nmd@yahoo.com

WORK EXPERIENCE

- **St. Clair Pediatrics**, Swansea, IL
Practicing Pediatrician
July 2004-present
- **Memorial Hospital**, Belleville, IL
Department of Pediatrics Co-Chair
2009-2015

EDUCATION

- **Saint Louis University School of Medicine**, St Louis, MO
Pediatric Residency at Cardinal Glennon Children's Medical Center
July 2001-June 2004
- **Southern Illinois University School of Medicine**, Springfield, IL
Doctor of Medicine, August 1997-May 2001
- **Indiana University**, Bloomington, IN
B.S. in Biology, Minor in Public & Environmental Affairs, August 1990-1993

CERTIFICATION

- Board Certified by American Board of Pediatrics, 2004-present

LICENSURE

- State of Illinois Permanent Medical Licensure, 2004-current
- State of Illinois Controlled Substance License, 2004-current
- Drug Enforcement Administration License, 2004-current

MEMBERSHIPS

- Fellow of the American Academy of Pediatrics, 2004-present

RESEARCH AND TEACHING EXPERIENCE

- **Washington University School of Medicine**, St. Louis, MO
Medical Research Technologist, February 1997-July 1997
- **Cardinal Glennon Children's Medical Center
Pediatric Research Institute**, St. Louis, MO
Senior Research Assistant, February 1994-February 1997
- **Indiana University Biology Department**, Bloomington, IN
Laboratory Assistant, May 1993-August 1993
- **Indiana University Biology Department**, Bloomington, IN
Undergraduate Teaching Intern, August 1992-May 1993

HONORS AND AWARDS

- Southern Illinois University Scholarship for Disadvantaged Students, 1999-2001
- Illinois General Assembly Scholarship, 1999-2000
- Nesbitt Medical Student Foundation Scholarship, 1998-2001
- Southern Illinois University School of Medicine Alliance Scholarship, 1997-2000
- Excellence Letter for Independent Research of Community Health Care, 1997
- Annual Scientific Award- Society of Critical Care Medicine *for most outstanding abstract*, 1997
- Howard Hughes Undergraduate Initiative Award, 1992-1993

COMMUNITY SERVICE EXPERIENCE

- Children 's Catholic Liturgy Educator at Corpus Christi Catholic Church, 2012-present
- Love A Golden Rescue volunteer and 5K medical coordinator, 2016-present
- Ethics Committee Cardinal Glennon Children's Hospital, 2001-2004

INTERESTS

- Vaccine education and advocacy
- Breastfeeding education and advocacy
- Volunteering at my children's school
- Travel and cultural diversity

SCIENTIFIC PUBLICATIONS

Bender TM, **Johnston JA**, Manepalli AN, Mink RB. Association between brain tissue pH and brain injury during asphyxia in piglets. *Resuscitation* 59: 243-254, 2003.

Mink RB, **Johnston JA**. Changes in neurofilament and beta tubulin proteins after cerebral hypoxia-ischemia in rabbits. *Pathobiology* 68: 43-52, 2000 March.

Mink RB, **Johnston JA**. A quantitative dot-immunoblot assay to measure protein in multiple brain samples. *Biotechniques* 20(5): 809-811, 1996 May.

SCIENTIFIC ABSTRACTS

Mink RB, **Johnston JA**, Ababa M, Shah S. Treatment with oxypurinol before but not after cerebral hypoxia-ischemia in rabbits improves somatosensory evoked potential recovery. *Crit Care Med* 27(1): A103, 1999 Jan.

Bender TM, **Johnston JA**, Manepalli AN, Mink RB. Time to recovery of brain tissue pH con-elates with brain injury in perinatal asphyxia in piglets. *J Invest Med* 45(7): 307A, 1997 Sept.

Bender TM, **Johnston JA**, Manepalli AN, Mink RB. Correlation of brain tissue pH with histopathology in a piglet model of perinatal asphyxia. *Pediatrics* 100(3): 494, 1997 Sept.

Mink RB, **Johnston JA**, Foy T. Hypoxanthine infusion during cerebral hypoxia-ischemia in rabbits preserves neurofilament 68 kD protein and improves somatosensory evoked potential recovery. *J Cereb Blood Flow Metab* 17(1): S611, 1997 June.

Mink RB, **Johnston JA**, Foy T. The effect of infusing hypoxanthine or xanthine during cerebral hypoxia-ischemia on brain injury in rabbits. *Pediatric Res* 41(4): 293A, 1997 Apr.

Bender TM, **Johnston JA**, Manepalli AN, Mink RB. Correlation of brain tissue pH with histopathology in a piglet model of perinatal asphyxia. *Pediatric Res* 41(4): 139A, 1997 Apr.

Mink RB, **Johnston JA**, Foy T. Xanthine infusion during cerebral hypoxia-ischemia in rabbits does not promote brain injury. *Crit Care Med* 25(1): A19, 1997 Jan.

Mink RB, **Johnston JA**. Alterations in neuronal cytoskeletal proteins after cerebral hypoxia-ischemia in rabbits. *Pediatric Res* 39(4): 377A, 1996 Apr.

Mink RB, **Johnston JA**. Changes in neurofilament proteins after cerebral hypoxia-ischemia in rabbits. *Crit Care Med* 24(1): A135, 1996 Jan.

Jill Johnston, MD, FAAP

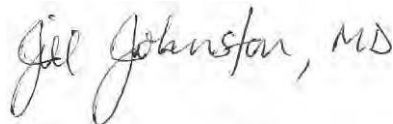
Currently, I am practicing general pediatrics in Swansea, IL. I have been caring for patients and their families at the same practice for the past 13 years. I have the privilege of practicing in the same community my family lives in and where my children attend school. I enjoy the challenge of caring for growing families, educating them on child development, and advocating for vaccine education and breastfeeding support. It's been a joy watching my patients grow and flourish into young adults.

I have dedicated my time to the community I grew up in and where I have chosen to raise my own family. My experiences of training, living and practicing in southern Illinois allow me to know not only the immense benefits, but also the struggles of being in Illinois. I believe maintaining a personal and professional connection to Southern Illinois University School of Medicine is vital for the continued success of the school.

I do not anticipate having any problems attending the two board meetings per year.

Thank you to the Alumni Board for your consideration.

Sincerely ,

A handwritten signature in cursive script that reads "Jill Johnston, MD". The signature is written in black ink and is positioned above the printed name.

Jill Johnston, MD, FAAP

CURRICULUM VITAE

DAVID C. LIEBER, M.D.

Springfield Clinic 1st
Department of Urology
800 North 1st Street
Springfield, Illinois 62702
217-528-7541
www.SpringfieldClinic.com

EMPLOYMENT:

2004 – Present Partner, Springfield Clinic, LLP
Director of Advanced Laparoscopy & Robotics

CERTIFICATION:

February 2006 – February 2016 American Board of Urology

EDUCATION:

Post Graduate:	2003 – 2004	Washington University School of Medicine Department of Surgery, Division of Urology St. Louis, Missouri Endourology fellowship Completion Date: June 30, 2004
	1998 - 2003	Southern Illinois University School of Medicine Department of Surgery, Division of Urology Springfield, Illinois
Residency in Urology:	2001 1999 – 2001 1999 – 2001	The Pfizer Scholars in Urology House Staff Officer Representative Graduate Education Medical Committee Representative
Medical Education:	1994 - 1998	Southern Illinois University School of Medicine Springfield, Illinois
Undergraduate:	1990 – 1994	Bob Jones University Greenville, South Carolina Bachelor of Science – Chemistry and Biology

MEDICAL LICENSE: Illinois - 036.104543 – Expiration 07/31/2017

HONORS AND AWARDS:

Medical Education:	1997	Honors: Obstetrics and Gynecology
	1996	CIBA-GIGY Award for Community Service
	1996	IAFP State Delegate
	1995	Illinois General Assembly State Scholarship
Undergraduate:	1994	Summa Cum Laude
	1994	President's Award for Community Service
	1990 – 1994	Dean's List

HOSPITAL / SITE AFFILIATIONS:

Memorial Medical Center
701 N. 1st Street
Springfield, IL 62702

St. John's Hospital
800 E. Carpenter
Springfield, IL 62702

Springfield Clinic
Clinical Research
900 North First Street
Springfield, IL 62702

Springfield Clinic
1025 S. 6th St.
Springfield, IL 62703

PROFESSIONAL MEMBERSHIPS

Illinois State Medical Society
Sangamon County Medical Society

RESEARCH:

- 2003 In vivo Inhibition of Tumor Seeding – a Comparison of Thermotherapy and Chemotherapeutic Agents
- 2003 Rhubarb – a Novel Laparoscopic Loop Electrode for Partial Nephrectomies
- 2003 Neo – bladder Construction using Allograft – Harvested Epithelium
- 2003 Comparison of Laparoscopic Urethral Anastamotic Methods
- 2001 Use of Hybrid Interactive Mick Prostate Brachytherapy to Improve Therapeutic Brachytherapy Delivery
- 2001 Incidence of Renal Cell Carcinoma Localized to Central Illinois
- 1998 – 2001 Photoablation in Intestinocystoplasty by ALA and Cold light
- 2004-05 *A Multicenter, **Phase 3** Study to Confirm the Safety and Efficacy of Intravenous Doripenem in Complicated Lower Urinary Tract Infection or Pyelonephritis. (DORI-06) **Sub-Investigator***
- 2010-11 *A randomized, double-blind, placebo-controlled, parallel group, multicenter study of the safety and efficacy of avanafil in the treatment of erectile dysfunction following bilateral nerve-sparing radical prostatectomy – **Phase 3** - (TA-303) **Principal Investigator***
- 2011 ***Phase II**, open label, dose finding study of the effect of GTX-758 on total and free testosterone levels in men with prostate cancer compared to a luteinizing hormone releasing hormone agonist (GTX - G200705) **Principal Investigator***
- 2012 *A randomized, double-blind, **Phase 2**, efficacy and safety study of MDV3100 (ASP9785) vs Bicalutamide in castrate men with Metastatic Prostate Cancer (9785-CL-0222)*
Sub-Investigator
- 2012 *A Randomized, Double-Blind, Parallel, Placebo-Controlled, **Phase 4**, Multi-center Study to Assess Efficacy and Safety of VESIcare® (Solifenacin Succinate) to Improve Urinary Continence of Subjects after Robotic Assisted Radical Prostatectomy (905-UC-050) **Principal Investigator***
- 2013 *A Study to Assess the Safety and Efficacy of Udenafil in Men with Lower Urinary Tract Symptoms (LUTS) Secondary to Benign Prostatic Hyperplasia (BPH)*
*(PR-05710) **Principal Investigator***
- 2016 *ARCHES: A Multinational, Phase 3, Randomized, Double-blind, Placebo-controlled Efficacy and Safety Study of Enzalutamide Plus Androgen Deprivation Therapy (ADT) Versus Placebo Plus ADT in Patients with Metastatic Hormone Sensitive Prostate Cancer (mHSPC)(9785-CL-0335) **Principal Investigator***

2016 *A Multi-Center, Randomized, Assessor-Blind, Controlled Trial Comparing the Occurrence of Major Adverse Cardiovascular Events (MACEs) in Patients with Prostate Cancer and Cardiovascular Disease Receiving Degarelix (GnRH Receptor Antagonist) or Leuprolide (GnRH Receptor Agonist) (000108) Principal Investigator*

GCP & HUMAN SUBJECT PROTECTION:

23JAN2018 - Investigator ICH / GCP Training, Version January 2018 – “This ICH E6 GCP Investigator Site Training includes the E6 R2 Addendum and it also meets the minimum criteria for ICH GCP Investigator Site Personnel Training identified by TransCelerate BioPharma, Inc. as necessary to enable mutual recognition of GCP training among trial sponsors.”

26FEB2016 – ICH GCP – Version 1.0 provided in Firecrest by Ferring Pharmaceuticals

JAN2016 – Investigator ICH / GCP Training - Sponsored by Springfield Clinic Awarded 3.0 AMA PRA Category 1 Credits

11/26/2013 – Investigator ICH / GCP Training - Sponsored by Springfield Clinic Awarded 3.0 AMA PRA Category 1 Credits

12/2/2011 – Good Clinical Practice for Research: GCP Overview for Researchers

Offered by Springfield Clinic in conjunction with The Emmes Corp.

12/2/2011 – Human Subject Protection, HIPAA, and Research

Offered by Springfield Clinic in conjunction with The Emmes Corp.

2/23/2010 – Good Clinical Practice for Research: GCP Overview for Researchers

NINDS (American Academy of Neurology)

2/23/2010 – Human Subject Protection, HIPAA, and Research

NINDS (American Academy of Neurology)

PRESENTATIONS:

- | | |
|------|---|
| 2002 | “Current Trends in Minimally Invasive Urology” Illinois Urological Society
Rockford, Illinois |
| 2001 | “What Defines an Ideal 1125 Prostate Brachytherapy Implant?” Urologic Oncology Meeting;
December 1-2, 2001 |
| 2001 | National Institutes of Health; Bethesda, Maryland |
| 2001 | “Ablation of Absorptive Capacity in Intestincystoplasty by ALA and Cold light.” |
| 2001 | Annual Meeting of the American Urological Association -
Anaheim, California |
| 2001 | “Fever of Unknown Origin Retroperitoneal Fibrosis” Illinois Urological Society - Rockford, Illinois |
| 1999 | “Urologic Trauma in a Level I Trauma Center” Illinois Urological Society -
Champaign, Illinois |
| 1998 | “Survival Analysis – a Statistical Approach” Illinois Urological Society -
Delavan, Wisconsin |
| 1997 | “Comparison of Prostate Cancer Screening Techniques” Southern Medical Association Meeting -
Atlanta, Georgia |

RECEIVED

SEP 02 2016

Kristen R. Maguire , MD

3507 Royal Woods Drive ° Crystal Lake, IL 60014
Phone (630)290-3646 ° Email: krcmaguire@ gmail.com

WORK

Alexian Brothers Medical Center
Attending Physician, Emergency Medicine
11/01/2012 - current

University of Illinois Hospital, Chicago
Attending Physician and Clinical Instructor, Emergency Medicine
7/01/2011 - 12/1/2015

Advocate Good Shepherd Hospital
Attending Physician, Emergency Medicine
7/01/2011 - 12/31/2012

TRAINING AND EDUCATION

University of Illinois at Chicago , Department of Emergency Medicine
Residency Training Emergency Medicine 7/2008-6/30/2011
Southern Illinois University School of Medicine, Springfield, IL
Doctor of Medicine , 8/2004-5/2008
Southern Illinois University at Carbondale, IL
Bachelor of Arts, Biological Sciences, 8/1997-5/2001

LICENSURE AND CERTIFICATION

American Board of Emergency Medicine - Diplomate, June 2013
Licensed Physician and Surgeon, State of Illinois ; Issue Date 8/12/2010, License No. 036.126476
Advanced Cardiac Life Support- current
Advanced Pediatric Life Support- current
Advanced Trauma Life Support- current

PROFESSIONAL EXPERIENCE

University of Illinois Hospital, Chicago 7/2001-7/2004
EMT/ER Tech in the Emergency Department at UIC, full time position

RESEARCH

University of Illinois at Chicago , Department of Emergency Medicine
"The Clinical Characteristics of Pediatric Intussusception", KR Maguire, WP Eilbert.
Poster Presentation at IC EP, Chicago , IL, May 12, 2011

AWARDS, HONORS, LEADERSHIP

Chief Resident, Illinois Masonic Medical Center, 7/2010-1/2011

Administrative role including: Creating monthly schedules for residents; Providing clinical and procedural instruction and supervision to junior residents and medical students; Leadership during educational conferences and Morbidity and Mortality presentations

Mentor Program, University of Illinois at Chicago, 2011

Mentor to first and second year medical students who are interested in Emergency Medicine. Mentorship includes on-site job shadowing, clinical instruction, assisting in H&P writing while helping students to integrate physiology learned in the classroom with the pathology seen in the clinical arena

Full Medical Education tuition academic scholarship, Illinois General Assembly, 2005 -06, 2006-07

Emergency Medicine Interest Group, Chapter President, SIUSOM 2006-07

National one of "25 Most Distinguished Seniors" during undergraduate studies, 2001

Biological Sciences Alumni Academic Scholarship, 1999, 2000, 2001

PROFESSIONAL MEMBERSHIPS

American College of Emergency Physicians

Illinois College of Emergency Physicians

PROFESSIONAL COMMITTEES

Physicians Informed Consent Committee Member, Alexian Brothers Medical Center, 2016

Alexian Brothers Emergency Department Trauma Committee Physician Member 2016

COMMUNITY SERVICE

Running Coach, "Girls on the Run", McHenry County. 2013

Chicago Marathon 2009, 2010

Medical Tent Physician

Special Friends, American Cancer Society 2006-2008

Liaison Committee on Medical Education

Appointed member of student committee actively involved in SIUSOM accreditation process, 2006-07

REFERENCES

Available upon Request

CURRICULUM VITAE

Ryan M Majcina, M.D.

Date of version: September 1, 2018

I. DEMOGRAPHIC INFORMATION

Current appointment:

Assistant Professor
SIU Healthcare
Department of Pediatrics
Division of Critical Care Medicine
Springfield, IL

Professional Data:

415 N Ninth Street
Suite 4W64
Springfield, IL 62794
Phone: (217)757-6655
Fax: (217)757-6654
rmajcina65@siumed.edu

Personal Data:

2219 Huntleigh Road
Springfield, IL 62704
ryan.majcina@gmail.com
cell: (217)993-2561

Education and Professional Training

<u>Years</u>	<u>Institution</u>	<u>Degree/Program</u>
1998-2002	University of Notre Dame Notre Dame, IN	B.S. magna cum laude
2002-2006	Southern Illinois University School of Medicine Springfield, IL	M.D.
2006-2009	Johns Hopkins Hospital School of Medicine Baltimore, MD	Internship/Residency Pediatrics
2010-2013	Washington University School of Medicine St. Louis, MO	Fellowship Pediatric Critical Care Medicine

Professional Experience

- 2009-2010 Pediatric Hospitalist
Johns Hopkins Bayview Medical Campus
Baltimore, MD
- 2013-2014 Pediatric Intensivist
Mercy Children's Hospital
Division of Pediatric Critical Care Medicine
Department of Pediatrics
St. Louis, MO
- 2014-present Pediatric Intensivist, Assistant Professor
St. John's Children's Hospital
SIU School of Medicine
Division of Pediatric Critical Care Medicine
Department of Pediatrics
Springfield, IL

II. RESEARCH ACTIVITIES

Current Projects:

- 2017-present Improving the accuracy and reliability of blood pressure measurements and standardizing the screening of asymptomatic HTN in the Pediatric inpatient units at St. John's Hospital – A Quality Improvement Project
Role: Principle Investigator
Resident Mentee: Manasi Hulyalkar, MD, MBA

Previous Projects:

- 1999-2002 Effects of tamoxifen and pure anti-estrogen ICI 182,780 on the RUCA-I-hormone-responsive rat endometrial cell line.
Role: Research assistant
Mentor: Martin Tenniswood, PhD
University of Notre Dame
- 2003 Pediatric Oncology Education Program: After Completion of Therapy Clinic
Role: Research and clinical assistant
Mentor: Melissa Hudson, M.D.
St. Jude Children's Research Hospital
- 2011-2013 The Paradoxical Effect of Hyperoxia on Regional Oxygen Delivery.
Role: Principal investigator
Aim #1: Compare changes in tissue oxygen saturation decay slope and hyperemic phase under conditions of normoxia and hyperoxia using near infrared spectroscopy and vascular occlusion tests.
Mentor: Avihu Gazit, MD
Washington University School of Medicine

2017-2018 Association between net fluid balance and outcomes in children with moderate and severe Bronchiolitis.
Role: Principle Investigator
Resident Mentee: Manasi Hulyalkar, MD, MBA

Collaborative Research:

1. An Open-Label, Multicenter Study to Evaluate the Safety, Tolerability, Pharmacokinetics and Efficacy of Ceftaroline in Neonates and Young Infants with Late-Onset Sepsis. The Caspian-Sulak Study.
Role: Sub-investigator
Sponsor: AstraZeneca
2. Society of Critical Care Medicine's PCOR-ICU Collaborative: Improving Care of Critically Ill Patients and Families through Research Dissemination and Implementation funded by a Eugene Washington Engagement Award from the Patient-Centered Outcomes Research Institute (PCORI).
3. The PARK-PICU Study: Prevalence of Acute Rehab for Kids in the PICU, Johns Hopkins University, with 80 participating PICUs.

Publications:

1. Hudson MM, Hester A, Sweeney T, Kippenbrock S, **Majcina R**, Vear S, Wiard S, Kaplan S. A model of care for childhood cancer survivors that facilitates research. J Pediatr Oncol Nurs 2004; 21: 170-174.

Published Abstracts and Poster Presentations:

1. **Majcina R**, Gazit A. Utilization of Dynamic Near Infrared Spectroscopy to Determine Changes in Oxygen Delivery Following Hyperoxia Challenge in Pediatric Patients. Poster presentation at St. Louis Children's Hospital Department of Pediatrics Annual Research Retreat, April 5, 2013.
2. Basnet S, Carmichael N, **Majcina R**, Capriolo G. Risks of adult heparin-protocols in children admitted with venous thromboembolism. Poster presentation at the SCCM Annual Conference in Orlando, Florida, February 2016, Published in Crit Care Med. December 2015 - Volume 43 - Issue 12 - p 223 DOI: 10.1097/01.ccm.0000474713.90004.fb
3. Basnet S, Halyko M, Capriolo G, **Majcina R**. Dexmedetomidine in children with obstructive lung disease to facilitate noninvasive ventilation. Poster presentation at the SCCM Annual Conference in Orlando, Florida, February 2016, Published in Crit Care Med. December 2015 - Volume 43 - Issue 12 - p 177-178 doi: 10.1097/01.ccm.0000474532.89582.5a
4. Capriolo G, Yu X, **Majcina R**, Mueller G, Gilman H, Basnet S. Improving Adherence to Hand Hygiene and Isolation Protocol Through Family Participation.

- Poster presentation at the SCCM Annual Conference in Honolulu, Hawaii, January 2017. Chosen for 2017 Star Research Award certificate of achievement.
5. Basnet S, Shukla I, Mueller G, **Majcina R**, Capriolo G. Implementing a nursing led triage protocol for Pediatric Procedural Sedation. Poster presentation at the SCCM Annual Conference in Honolulu, Hawaii, January 2017.
 6. Basnet S, Dario J, Mueller G, **Majcina R**, Capriolo G. Application of a protocolized sedation wean to critically ill children post invasive mechanical ventilation and prolonged sedation. Poster presentation at the SCCM Annual Conference in Hawaii, January 2017.
 7. Basnet S, Musaitif R, **Majcina R**, Capriolo G, Khanal A. Effect of potassium infusions on serum levels in children during treatment of diabetic ketoacidosis. Research Snapshot PowerPoint presentation at 47th SCCM Annual Conference in San Antonio, Texas, February 2018. Published in Critical Care Medicine. 46(1):194, January 2018.
 8. Capriolo G, **Majcina R**, Khanal A, Basnet S. PICU Diaries: A descriptive analysis. Research Snapshot PowerPoint presentation at the 47th SCCM Annual Conference in San Antonio, Texas, February 2018. Published in Critical Care Medicine. 46(1):419, January 2018.
 9. **Majcina R**, Koirala S, Capriolo G, Powell K, Basnet S. Use of Intranasal Dexmedetomidine in Children for Sedated Magnetic Resonance Imaging. Accepted for poster presentation at 25th Pediatric Critical Care Colloquium, Johns Hopkins Hospital, October 2018.

III. EDUCATIONAL ACTIVITIES

Course work:

- 2009-2010 Faculty Development Program in Clinical Teaching Skills, Johns Hopkins Bayview Medical Campus
- 2010 First Year Fellow Boot Camp: 3 day intensive simulation course, Philadelphia, PA
- 2015 Pediatric Fundamental Critical Care Support instructor training course, Phoenix, AZ
- 2015 Current Concepts in Pediatric Critical Care, Phoenix, AZ
- 2015 Society for Pediatric Sedation Conference, St. Louis, MO
- 2017 Brain Death Simulation Workshop, Peoria, IL (April 7)
- 2017 Live Critical Care Ultrasound: Pediatric and Neonatal, Chicago, IL (July 30-31)
- 2018 TeamSTEPPS Master Training Course, Springfield, IL (May 8-9)

Invited Lectures and Teaching:

- 2014 An Adolescent with Mental Status Changes and Metabolic Abnormalities. Mercy Children's Hospital Grand Rounds, St. Louis, MO
- 2014-2018 Pediatric resident core lecture series

- Developed new core lectures for neurological emergencies, pharmacology, pediatric drowning, pediatric poisoning, and death and dying
- 2016 The Impact of Traumatic Stress on Hospitalized Children and Their Families. St. John's Children's Hospital Grand Rounds, April 2016, Springfield, IL
- 2016 Pediatric Fundamental Critical Care Support course instructor, May 2016, Springfield, IL
- 2017 Pediatric Fundamental Critical Care Support course instructor, May 2017, Springfield, IL
- 2017 Noninvasive Respiratory Support in Critically Ill Children, invited speaker for emergency department resident lecture series, October 2017, Springfield, IL
- 2018 Pediatric Fundamental Critical Care Support course instructor, May 2018, Springfield, IL
- 2018 Noninvasive Respiratory Support in Critically Ill Children, invited speaker for St. John's emergency department staff, September 2018, Springfield, IL

Quality Improvement:

- 2014-2015 Development and implementation of pediatric intensive care unit pneumonia and empyema order set
- 2015 Development of intravenous hydration protocol for pediatric nuclear medicine scans
- 2015 PICU case conference: bimonthly meeting to review indications and appropriateness of patients transferred to outside hospitals
- 2016 Development of PICU difficult airway cart
- 2016-present Chair of Pediatric Critical Care Medicine Journal Club
- 2017 Development of intranasal dexmedetomidine protocol for MRI sedation
- 2018 Development of minimal sedation order set for St. John's Children's Hospital
- 2018 Availability and utilization of pediatric transport team – chair of pediatric transport committee

IV. CLINICAL ACTIVITY

Certification:

Licensure

2009	Maryland	D0068804 (inactive)
2013	Missouri	2013021814 (inactive)
2014	Oklahoma	30358 (inactive)
2014	Illinois	036135564 Exp 7/31/2020

Board Certification

2008	National Board of Medical Examiners
2009	American Board of Pediatrics
2014	American Board of Pediatrics – Subboard of Pediatric Critical Care Medicine

Other Certification

2007-present Pediatric Advanced Life Support
2013-present Basic Life Support
2015-present Pediatric Fundamental Critical Care Support - Instructor

Service Responsibilities:

- 2009-2010 Attending Physician, Pediatric Hospitalist, Johns Hopkins Bayview Medical Campus. Duties include medical management of pediatric patients in the emergency room and on the inpatient ward and precepting medical students and physician assistants.
- 2010-2013 Pediatric Critical Care Fellow, St. Louis Children's Hospital, Washington University School of Medicine. Duties include serving as the primary medical provider for patients in a 12 bed pediatric cardiac intensive care unit and 26 bed pediatric intensive care unit. Other responsibilities include leading morning rounds, providing critical care lectures to residents, transporting critically ill children from referring hospitals, preparing conferences for morbidity and mortality, journal club and case of the month.
- 2013-2014 Attending Physician, Pediatric Critical Care, Mercy Children's Hospital. Duties include primary medical provider for critically ill medical, surgical, and trauma patients in a 12 bed pediatric intensive care unit.
- 2014-present Attending Physician, Pediatric Critical Care, St. John's Children's Hospital. Duties include taking all pediatric transport calls from referring hospitals and serving as primary medical provider for critically ill medical, surgical, and trauma patients in a 10 bed pediatric intensive care unit.

V. ORGANIZATIONAL ACTIVITIES

Committee Work:

- 2006-2009 Harriet Lane Clinic Resident Advisory Committee: Involved with various quality improvement initiatives and strategies to improve patient care and resident education in the Harriet Lane Clinic
- 2009-2010 Harriet Lane Pediatric Service Resident Selection Committee. Interviewed applicants and submitted recommendations to program directors
- 2012-2013 Go Team: Member of St. Louis Children's Hospital safety and quality improvement committee
- 2012-2013 Procedures and Sedation Working Group: Member of St. Louis Children's Hospital pediatric intensive care unit committee focusing on safety and quality improvement during pediatric procedures and sedations

2014-present	St. John's Children's Hospital PICU combined committee for safety and quality member
2014-present	St. John's Children's Hospital sedation committee member
2014-present	Southern Illinois University School of Medicine Resident Recruitment Committee
2014-2017	Southern Illinois University School of Medicine Year 3 Transformation Committee
2015-2016	Pediatric Throughput Committee: Assisted in development of pediatric admission, discharge and transfer criteria for inpatient pediatrics
2016-present	Pediatric Sepsis Committee, St. John's Hospital, Springfield, IL
2017-present	Personalized Education Plan Selective Director, 3 rd year medical students

Membership:

2010-present	Member, Society of Critical Care Medicine
2014-present	Fellow, American Academy of Pediatrics

Volunteer Activities:

2003-2004	Teaching drug and AIDS awareness to high school students
2004	Camp counselor for childhood cancer survivors
2003-2006	American Cancer Society Mentoring Program
2014-present	Faculty observer for medical student clinical competency exams
2016, 2017, 2018	Faculty facilitator for medical student Physician Attitude and Conduct Curriculum on Death and Dying
2016	Faculty facilitator for medical student teaching case
2017, 2018	Tutor group leader for year 2 medical student Neuromuscular and Behavior Unit (January-February, 8 weeks)
2017	Faculty facilitator for medical student session on Patient Safety (March 14)
2017	Faculty facilitator for pediatric fellowship interest group (April 6)
2018	State of Illinois senate testimony supporting Illinois Chapter of American Academy of Pediatrics Senate bill 2441 – Rear facing car seats until age 2

Mentor:

2015-2016	Advisor for pediatric resident Gina Akopyan
2016-2018	Advisor for pediatric resident Manasi Hulyalkar

VI. RECOGNITION

Honors/Awards

2003	Southern Illinois University 14 th Annual Combined Research Symposium: 2 nd place winner
2003	Illinois General Assembly Scholarship Winner
2016	Department of Pediatrics Medical Student Preceptor of the Year

2017
2018

SCCM 46th Critical Care Congress Star Research Achievement Award
Department of Pediatrics Teaching Service of the Year Award