

**Maria E. Moreira, MD, FACEP**  
**CURRICULUM VITAE**

**PERSONAL**

**CURRENT POSITIONS:**

Professor  
Department of Emergency Medicine  
University of Colorado School of Medicine  
Aurora, Colorado

Attending Staff Physician  
Department of Emergency Medicine  
Denver Health & Hospital Authority  
Denver, Colorado

Director of Professional Development & Wellbeing  
Department of Emergency Medicine  
Denver Health & Hospital Authority  
Denver, Colorado

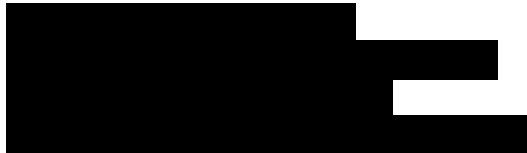
Medical Director of Continuing Education & Simulation  
Office of Education  
Denver Health & Hospital Authority  
Denver, Colorado

**WORK ADDRESS:**

777 Bannock Street



**HOME ADDRESS:**



**EDUCATION**

1988-1992

Bachelor of Arts in Biology & Psychology  
Rutgers University, New Brunswick, New Jersey

1992-1996

Doctor of Medicine  
University of Medicine & Dentistry of New Jersey  
Robert Wood Johnson Medical School, Piscataway, New Jersey

6/96-6/97           Surgery Internship, Preliminary Position  
University of Colorado Health Sciences Center, Denver, CO

6/97-1/98           Surgery Internship, Categorical Position  
University of Arizona, Tucson, AZ

1/98-7/99           Surgery Residency, Categorical Position  
University of Colorado Health Sciences Center, Denver, CO

8/00-6/02           Research Fellow  
Colorado Emergency Medicine Research Center, Denver, CO

7/02-6/05           Residency in Emergency Medicine  
Denver Health & Hospital Authority, Denver, CO

7/04-6/05           Chief Resident, Residency in Emergency Medicine  
Denver Health & Hospital Authority, Denver, CO

## **ACADEMIC APPOINTMENTS**

7/2005 - Present    Attending Staff Physician/Dept of Emergency Medicine  
Denver Health & Hospital Authority, Denver, CO

7/2005 – 12/2007   Instructor in the Department of Surgery  
Division of Emergency Medicine  
University of Colorado School of Medicine, Aurora, CO

12/2007 – 1/2010   Assistant Professor of Surgery, Department of Surgery  
Division of Emergency Medicine  
University of Colorado School of Medicine, Aurora, CO

1/2010 – 2/2013    Assistant Professor, Department of Emergency Medicine  
University of Colorado School of Medicine, Aurora, CO

2/2013 – 7/2023    Associate Professor, Department of Emergency Medicine  
University of Colorado School of Medicine, Aurora, CO

2/2013 – 5/2018    Attending Staff Physician, Department of Emergency Medicine  
University of Colorado Hospital, Aurora, CO

7/2023 – Present    Professor, Department of Emergency Medicine  
University of Colorado School of Medicine, Aurora, CO

## **PROFESSIONAL POSITIONS**

### **DEPARTMENTAL:**

**Denver Health Residency in Emergency Medicine:**

7/2005 – 3/2009 Associate Program Director  
7/2005 – Present CORE Faculty  
3/2009 – 6/2010 Senior Associate Program Director  
7/2010 – 10/2018 Program Director  
10/2018 – 3/2023 Senior/Mentoring Associate Program Director

**Denver Health & Hospital Authority Department of Emergency Medicine:**

2018 – Present Emergency Medicine Trauma Liaison  
2020 - Present Director of Professional Development & Wellbeing

**SCHOOL OF MEDICINE:****University of Colorado School of Medicine:**

2016 - Present Academy of Medical Educators Member

**HOSPITAL:****Denver Health & Hospital Authority:**

2/2006 – 2010 BNICE Instructor  
11/2006 - Present ATLS Instructor  
2016 - Present Crucial Conversations Instructor  
8/2018 - Present Medical Director of Continuing Education & Simulation  
Office of Education  
2020 - Present Pathways SPA (Single Point of Accountability)  
Strategic Plan Office of Education

**LOCAL/STATE:**

9/2005 – 5/2006 Assistant Medical Director  
Post-News Colorado Colfax Marathon, Denver, CO  
2010 – 2014 Board of Directors Member-at-Large  
Colorado Chapter American College of Emergency Physicians  
2018 - Present Trauma Reviewer State of Colorado  
2022 – Present ATLS Course Co-Director

**NATIONAL:****Council of Residency Directors in Emergency Medicine (CORD):**

2015 – 2017 Board of Directors Member-At-Large  
2017 – 2018 Secretary/Treasurer, CORD Board of Directors  
2017 – 2018 Secretary/Treasurer, CORD Cares Board of Directors  
2018 – 2019 President Elect, CORD Board of Directors  
2018 – 2019 President Elect, CORD Cares Board of Directors  
2019 – 2020 President, CORD Board of Directors  
2019 – 2020 President, CORD Cares Board of Directors  
2020 – 2021 Immediate Past-President, CORD Board of Directors  
2020 – 2021 Immediate Past-President, CORD Cares Board of Directors

**Medicolegal:**

2018 – Present      Medicolegal Case Reviewer

**American College of Emergency Physicians:**

2020 – Present      Editor in Chief of PEERcert+

**HONORS/RECOGNITIONS/AWARDS**

2003      Aubrey Jack Davis Award  
Outstanding Emergency Medicine Second Year Resident  
Denver Health Residency in Emergency Medicine, Denver, CO

2005      The Vincent J. Markovchick Residency Director's Resident Award  
Denver Health Residency in Emergency Medicine, Denver, CO

2006      The Vincent J. Markovchick Residency Director's Faculty Award  
Denver Health Residency in Emergency Medicine, Denver, CO

2009      ACEP National Teaching Award Nominee  
American College of Emergency Physicians

2009      911 Award for Outstanding Support  
Awarded by the class of 2009  
Denver Health Residency in Emergency Medicine

2009      Star Award Denver Health & Hospital Authority, Denver, CO

2009      Nominated for Best Attending  
Denver Health & Hospital Authority, Denver, CO

2010      Golden Stethoscope Preceptor Honoree  
Best Emergency Medicine Preceptor Nominee  
University of Colorado School of Medicine, Aurora, CO

2011      Golden Stethoscope Preceptor Honoree  
Best Emergency Medicine Preceptor Nominee  
University of Colorado School of Medicine, Aurora, CO

2011      TEAMS Award (Recognizing the Efforts of a Team That Furthers the  
Mission of Denver Health)  
Granted for Work on the Project to Decrease the Instances and  
Duration of Hospital Divert  
Denver Health & Hospital Authority

2012      University of Colorado School of Medicine  
Graduation Hooder for Avery MacKenzie, MD

- 2013 Golden Stethoscope Preceptor Honoree  
Best Role Model Preceptor Nominee  
University of Colorado School of Medicine, Aurora, CO
- 2014 Academy for Women in Academic Emergency Medicine (AWAEM)  
Early Career Faculty Award Nominee
- 2014 Senior Residents Award for Outstanding Service  
Awarded by the Class of 2014  
Denver Health Residency in Emergency Medicine
- 2015 Golden Stethoscope Preceptor Honoree  
Best Role Model Preceptor Nominee  
University of Colorado School of Medicine, Aurora, CO
- 2015 Golden Stethoscope Preceptor Honoree  
Best Emergency Medicine Preceptor Nominee  
University of Colorado School of Medicine, Aurora, CO
- 2015 University of Colorado School of Medicine  
Graduation Hooder for Emilee Sandsmark, MD
- 2016 Best EM Pearl Denver Health Residency in Emergency Medicine
- 2016 Financial Vitality Pillar Award  
For largest increase in charges and revenue while maintaining  
same cost  
Denver Health & Hospital Authority, Denver, CO
- 2016 Academy of Medical Educators Selection for Membership  
University of Colorado School of Medicine, Aurora, CO
- 2017 John Marx Education Award  
Presented by CO American College of Emergency Physicians Chapter  
For outstanding educational contributions to the advancement  
of Emergency Medicine in Colorado
- 2018 Emergency Medicine Residents' Association (EMRA)  
Program Director of the Year Nominee
- 2018 ACEP National Emergency Medicine Faculty Teaching Award  
Presented by American College of Emergency Physicians (ACEP) for  
excellence in teaching, development of innovative educational  
programs, community education, and contributions to both  
regional and global programs

- 2018 Accreditation Council for Graduate Medical Education (ACGME)  
Parker J. Palmer Courage to Teach Award Nominee
- 2018 Graduation Award Ceremony Speaker  
Chosen by 2018 Graduating Class  
Denver Health Residency in Emergency Medicine
- 2019 John Marx Faculty Development in Education Scholarship  
Department of Emergency Medicine  
Awarded to Attend the Harvard Macy Program for Educators in  
Health Professions
- 2019 Academy of Medical Educators Education Administration and  
Leadership Award Nominee
- 2019 Outstanding Teacher Award  
Presented by the Denver Health Medical Staff  
Nominated by colleagues in Emergency Medicine  
Denver Health & Hospital Authority  
Awarded on September 24, 2019
- 2020 Golden Stethoscope Preceptor Honoree  
Best Phase 1 Preceptor Nominee  
University of Colorado School of Medicine, Aurora, CO
- 2020 Golden Stethoscope Preceptor Honoree  
Best Role Model Nominee  
University of Colorado School of Medicine, Aurora, CO
- 2020 Golden Stethoscope Preceptor Honoree  
Best Patient/Physician Communication Skills Nominee  
University of Colorado School of Medicine, Aurora, CO
- 2020 Maria Moreira Extraordinary Emergency Medicine Advocacy Award  
First recipient of this award named after me by the Residency  
Leadership for contributions to Emergency Medicine locally,  
regionally, and nationally.
- 2020 Distinguished Reviewer of 2019-2020  
Western Journal of Emergency Medicine
- 2021 Graduation Award Ceremony Speaker  
Chosen by 2021 Graduating Class  
Denver Health Residency in Emergency Medicine

- 2021 Best of ACEP21 Collection  
Trauma at Your Doorstep: Different Environments,  
Different Approaches – Regan F. Lyon, Torree M McGowan,  
Maria E Moreira – Lecture included in the collection
- 2022 Michael P Wainscott Program Director Award  
Presented at Council of Residency Directors in Emergency Medicine  
Academic Assembly 2022  
In recognition of contributions to the development of emergency  
medicine. Candidates are evaluated on the following criteria:  
humanistic qualities, program development, innovation and change  
in emergency medicine education, participation in CORD activities,  
evidence of mentoring others, and love of teaching.
- 2023 Jeffrey Druck Legacy Teaching Award  
Awarded by the Class of 2023 for dedication to education.
- 2023 Top 20 Reviewers  
Western Journal of Emergency Medicine

## **PROFESSIONAL ORGANIZATIONS**

- 2000 – Present Society for Academic Emergency Medicine (SAEM)  
Member (2002 – Present)  
Chair Development Sessions for Western Regional SAEM  
Conference (2010)  
Chair Networking Session for Western Regional SAEM  
Conference (2010)
- 2002 – Present American College of Emergency Physicians (ACEP)  
Member (2002 – Present)  
Member Electronic Medical Education Subcommittee  
(2010-2012)  
Ad Hoc Member - Academic Affairs Subcommittee on CR on  
Sexual Assault Curricula Tools (2012)  
Ad Hoc Member - Subcommittee on Duty Hours Position Paper  
(2016)  
Editor in Chief of ACEP PEERCert+ (2020 - Present)  
Education Committee Member (2021 – Present)  
Member PEER Assessment Research Collaborative (PARC)  
(2022 – Present)
- 2002 – Present Colorado Chapter American College of Emergency Physicians  
Member (2002 – Present)  
Board of Directors (2010 – 2014)

2002 – 2005      Emergency Medicine Residents' Association (EMRA) Member

2005 – Present    Council of Residency Directors in Emergency Medicine (CORD)  
                          Member (2005 – Present)  
                          Member Program Planning Committee (2010 – 2021)  
                          Member County PD Community of Practice (2010-Present)  
                          Member Remediation Task Force (2011 – 2017)  
                          Member Asynchronous Learning Task Force (2011 – 2016)  
                          Co-Chair Program Leadership Development Track (2012,2013)  
    (Developing pre-day curriculum for 2013 Academic As-  
    sembly and 2014 Academic Assembly)  
                          Member Joint Milestones Task Force (2013 – 2015)  
                          Member Residency Resource Task Force (2013 – 2016)  
                          Member Taskforce to evaluate RFPs for Administrative  
    Support Services (2014)  
                          Member Academic Assembly Strategic Planning Committee  
    (2014 - 2016)  
                          CORD Board of Directors (2015-2021)  
    Member at Large (2015-2017)  
    Secretary/Treasurer (2017-2018)  
    President Elect (2018-2019)  
    President (2019-2020)  
    Immediate Past-President (2020-2021)  
                          Chair County Program Community of Practice (2015 – 2016)  
                          Board Liaison Application Process Improvement Task Force  
    (2017)  
                          Board of Directors CORD Cares (2017 – 2021)  
    Secretary (2017-2018)  
    President Elect (2018-2019)  
    President (2019-2020)  
    Immediate Past President (2020-2021)  
                          Finance Committee Chair (2017-2018)  
                          Finance Committee Member (2017-2020)  
                          Board Liaison Education Committee (2017- 2021)  
                          Board Co-Liaison Regional Meetings Working Group (2019-  
    2021)  
                          CORD Councilor for ACEP Council (October 2019, October  
    2020)  
                          Governance Committee Member (2020 – Present)  
                          Nominating Committee Member (2020 – Present)  
                          Chair Nominating Committee (2020 – 2022)  
                          Chair Governance Committee (2021 – 2022)  
                          Member Interview Committee/Selection Committee for new  
    CORD Executive Director (2021)  
                          Member Wellness Committee (2023 – Present)  
                          Member Simulation Community of Practice (2023 – Present)



Member Awards Committee (2023 – Present)

2008 – 2010	Society for Simulation in Healthcare Member
2010 – Present	Academy for Women in Academic Emergency Medicine Member
2019 – Present	Society for Simulation in Healthcare Member (2019 – Present) Peer Reviewer SimOps Conference (2021) Peer Reviewer SimOps Conference (2022)

## COMMITTEE POSITIONS

### DEPARTMENTAL COMMITTEES:

#### Denver Health Residency in Emergency Medicine:

2005 – 2011	Chair Education Committee
2005 – Present	Member Education Committee
2005 – Present	Member Program Advisory Committee
2008 – 2012	Member Compliance Committee
2008 – 2012	Member Advancement Committee
2008 – 2010	Member Awards Committee
2010	Member Residency Expansion Task Force
2010	Chair Senior Role Task Force
2010 – 2018	Chair Interview/Residency Selection Task Force
2010 – Present	Member Interview/Residency Selection Task Force
2010 – 2018	Chair Program Evaluation & Advisory Committee
2010 – Present	Member Program Evaluation & Advisory Committee
2011 – 2018	Member Duty Hours Task Force
2013 – 2018	Member PGY1,2,3,4 Clinical Competency Committees
2015 – Present	Chair Alumni Association
2016 – Present	Member Tech & Social Media Committee
2017 – Present	Member Didactic Curriculum Committee
2018 – Present	Member Recruitment Committee
2018 – Present	Member PGY2 Clinical Competency Committee
2022 – Present	Member Residency Simulation Task Force

#### Denver Health & Hospital Authority Department of Emergency Medicine:

2009 – 2011	Member Billing Task Force
2010	Member Airway Task Force
2010 – 2018	Member Executive Committee
2015	Member Search Committee/Interview Committee for Toxicology Fellowship Director
2015 – 2018	Member Case Review Committee (EDCRC)
2018 – 2019	EM Champion Consult Process Task Force
2020 – Present	Member Executive Committee

2020 – Present	Member Faculty Recruitment Committee
2022 – Present	Chair Faculty Wellness Committee
2022 – Present	Member Faculty Wellness Committee
2022 – Present	Member Case Review Committee (EDCRC)
2022	Member Search Committee for Program Director for Denver Health Residency in Emergency Medicine
2022 – Present	Chair Schedule Working Group
2023 – Present	Member Trauma Informed Care Educational Research Collaborative

**University of Colorado Department of Emergency Medicine:**

2010 – 2012	Member Executive Committee
2010	Member Search Committee for Department Directors of Education, Research, and Academic Affairs
2014 – 2018	Member Department Executive Committee
2020 – Present	Member Promotion and Tenure Committee

**SCHOOL OF MEDICINE COMMITTEES:**

**University of Colorado School of Medicine:**

2006 – 2018	Member Admissions Committee
2010 – 2018	Member Graduate Medical Education Committee
2011	Member Executive Admissions Committee (Evaluation of Applicants to be placed on waitlist)
2011 – 2014	Room Judge Admissions Committee (Leading room discussion of applicants)
2017 – 2019	Member Academy of Medical Educators Selection Committee

**HOSPITAL COMMITTEES:**

**Denver Health & Hospital Authority:**

2007 – 2010	Co-Chair Simulation Center Actualization Taskforce
2009 – 2011	Member Procedures in the Emergency Department Taskforce
2010 – Present	Member Graduate Medical Education Committee
2010 – 2013	Member Simulation Center Actualization Taskforce
2011 – 2014	Co-Chair Alert/Activation Committee
2011 – Present	Member Alert/Activation Task Force
2015 – 2017	Co-Chair Chief Resident Council
2018 – 2019	Member Consultative Services Task Force
2018 – Present	Emergency Department Trauma Liaison (Trauma Council)
2018 – Present	Member Trauma Practice Management Guidelines Committee
2018 – Present	Member Trauma Performance Improvement & Patient Safety Committee
2018 – 2022	Faculty Mentor Resident/Fellow Council
2019 – Present	Chair Simulation Committee
2019 – Present	Chair International Visiting Physician Application Review Committee
2019 – Present	Chair Continuing Education Committee
2020 – Present	Member Emergency Management Committee

2021 – Present	Member Career Pathing Task Force
2021 – 2022	Member Workforce Development Director Interview Committee
2022 – Present	Member Workforce Development Center Advisory Group
2022 – Present	Member DH Institutional ACGME Self-Study Committee
2022	Member Chief Impact Officer Interview Committee
2022 – Present	Member Equity Blueprint: DEI Education Strategy Working Group

## **LOCAL/STATE COMMITTEES:**

### **CO Chapter American College of Emergency Physicians:**

2010 – 2014	Member Board of Directors
2010 – 2016	Member Education Program Committee for 2 <sup>nd</sup> , 3 <sup>rd</sup> , 4 <sup>th</sup> , 5 <sup>th</sup> , & 7 <sup>th</sup> Annual Symposium on Emergency Medicine

## **NATIONAL COMMITTEES:**

### **American College of Emergency Physicians (ACEP):**

2010 – 2012	Member Electronic Medical Education Subcommittee
2012	Ad Hoc Member Academic Affairs Subcommittee on CR on Sexual Assault Curricula Tools
2016	Ad Hoc Member Academic Affairs Subcommittee on Duty Hours Position Paper
2021 – 2023	Member Education Committee
2022 – Present	Member PEER Assessment Research Collaborative (PARC)

### **Council of Residency Directors in Emergency Medicine (CORD):**

2005 – Present	CORD Member (Lansing, Michigan)
2010 – 2021	Member Program Planning Committee for Academic Assembly
2010 – Present	Member County PD Community of Practice
2011	Member Outside Sponsorship Task Force
2011 – 2016	Member Individualized Interactive Instruction Task Force
2011 – 2017	Member Remediation Task Force
2012 – 2014	Co-Chair Program Leadership Development Track for CORD Academic Assembly 2013 and 2014
2013 – 2015	Member Joint Milestones Task Force
2013 – 2016	Member Residency Resource Task Force
2014	Member Taskforce to evaluate RFPs for Administrative Support Services
2014 – 2016	Member Academic Assembly Strategic Planning Committee
2015 – 2017	Member CORD Board of Directors
2015 – 2016	Chair County PD Community of Practice
2017	Co-Board Liaison Application Process Improvement Task Force
2017 – 2021	CORD Board Liaison to Education Committee
2017 – 2018	Secretary/Treasurer CORD Board of Directors
2017 – 2018	Chair Finance Committee
2017 – 2019	Member Finance Committee
2017 – 2021	Member Board of Directors CORD CARES

2017 – 2018	Secretary/Treasurer Board of Directors CORD CARES
2018 – 2019	President-Elect CORD Board of Directors
2018 – 2019	President Elect Board of Directors CORD CARES
2019	CORD Councilor for the 2019 ACEP Council
2019 – 2020	President CORD Board of Directors
2019 – 2020	President Board of Directors CORD CARES
2019 – 2021	Board Co-Liaison Regional Meetings Working Group
2020 – 2021	Immediate Past President CORD Board of Directors
2020 – 2021	Immediate Past President Board of Directors CORD CARES
2020 – Present	Member Governance Committee
2020 – 2022	Chair Nominating Committee
2020 – Present	Member Nominating Committee
2020	CORD Councilor for the 2020 ACEP Council (Virtual)
2021 – 2022	Chair Governance Committee
2021	CORD Co-Representative ACEP Workforce Taskforce Summit (April 6, 2021; April 9, 2021)
2021	Member Interview Committee/Selection Committee for New CORD Executive Director
2023 – Present	Member Wellness Committee
2023 – Present	Member Simulation Community of Practice
2023 – Present	Member Awards Committee

**Society of Academic Emergency Medicine (SAEM):**

2010	Member Medical School Liaison Committee Academy for Women in Academic Emergency Medicine
2010	Member Program Committee Academy for Women in Academic Emergency Medicine SAEM Didactic Session
2010	Member Medical Education Program Subcommittee for Western Regional SAEM Conference, Keystone, CO
2010	Chair Career Development Sessions & Networking Session for Western Regional SAEM Conference, Keystone, CO

**LICENSURES**

2001 – Present	Medical Licensure, State of Colorado (Expires 4/30/25)
2001 – Present	Controlled Substance Registration Certificate (Expires 1/31/25) United States Department of Justice Drug Enforcement Administration

**BOARD CERTIFICATIONS**

2007 – Present	Certified by American Board of Emergency Medicine Initial Certification 2007 Recertification 2016
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**OTHER CERTIFICATIONS**

Expires 11/17/24 ATLS  
Expires 5/31/24 Neonatal Resuscitation

## **REVIEW/EDITORIAL WORK**

2003 Editor Ski Patrol Magazine  
2008 – Present Reviewer Western Journal of Emergency Medicine (Orange, CA)  
2008 – 2010 Tenet Editor Leadership Curriculum  
Denver Health Residency in Emergency Medicine, Denver, CO  
2011 Senior Reviewer First Aid for the EM Boards  
2011 CORD Abstracts Reviewer Academic Assembly 2012  
Council of Residency Directors in Emergency Medicine  
2011 CORD Question Bank Editor/Writer  
Electronic Resources Committee  
Council of Residency Directors in Emergency Medicine  
2012 CORD Abstracts Reviewer Academic Assembly 2013  
Council of Emergency Medicine Residency Directors  
2013 – Present UpToDate Section Editor for Adult Trauma (Waltham, MA)  
2013 CORD Abstracts Reviewer Academic Assembly 2014  
Council of Emergency Medicine Residency Directors  
2014 CORD Abstracts Reviewer Academic Assembly 2015  
Council of Emergency Medicine Residency Directors  
2015 Senior Reviewer First Aid for the EM Boards  
2015 CORD Abstracts Reviewer Academic Assembly 2016  
Council of Emergency Medicine Residency Directors  
2016 – Present Co-editor of Communication in Emergency Medicine, 1st Edition  
2016 CORD Abstracts Reviewer Academic Assembly 2017  
Council of Emergency Medicine Residency Directors  
2017 Abstract Reviewer Education Symposium  
Academy of Medical Educators University of Colorado  
2017 CORD Abstracts Reviewer Academic Assembly 2018  
Council of Emergency Medicine Residency Directors  
2018 – Present Co-editor Emergency Medicine Secrets 7<sup>th</sup> Edition  
2019 Rymer Grant Reviewer University of Colorado School of Medicine  
2019 CORD Abstracts Reviewer Academic Assembly 2020  
Council of Residency Directors in Emergency Medicine  
2020 – Present Editor in Chief PEERcert+ American College of Emergency Physicians  
2021 Peer Reviewer Curriculum Submissions  
Society for Simulation in Healthcare SimOps Conference  
2021 Reviewer Journal of Emergency Medicine  
2021 Reviewer Book idea and template review Oxford University Press  
2022 Abstract Reviewer Education Symposium Abstracts  
Academy of Medical Educators  
University of Colorado School of Medicine, Aurora, CO  
2022 Peer Reviewer Curriculum Submissions  
Society for Simulation in Healthcare SimOps Conference

- 2023 Abstract Reviewer Education Symposium Abstracts  
Academy of Medical Educators  
University of Colorado School of Medicine, Aurora, CO
- 2023 CORd Abstracts Reviewer Academic Assembly 2024  
Council of Residency Directors in Emergency Medicine

## **INVITED EXTRAMURAL LECTURES, PRESENTATIONS, AND VISITING PROFESSORSHIPS:**

### **LOCAL:**

#### **Denver Health Emergency Nursing CNE Lecture Series:**

- 2008 *Pediatric Trauma*
- 2017 *A Silent Killer – Pulmonary Hypertension* (October 12, 2017)
- 2019 *Airway Nightmares* (May 30, 2019)
- 2021 *Airway Nightmares* (May 27, 2021)
- 2023 *Facial Trauma* (June 13, 2023)  
*Foreign Bodies: Have a Strategy* (September 19, 2023)  
*Pearls for Environmental Injuries* (November 2, 2023)

#### **University of Colorado Graduate Medical Education Committee:**

- 2013 *Transitions of Care* (November 20, 2013)

#### **Denver Health & Hospital Authority:**

- 2016 *Crucial Conversations Course* (June 6, 2016 & June 13, 2016)

#### **Denver Health Emergency Department APP Lecture Series:**

- 2018 *CT Head – Deadly Findings* (April 4, 2018)
- 2020 *Radiologic Findings Not to Miss* (January 8, 2020)
- 2021 *Introduction to Trauma Care* (June 2, 2021)

#### **Denver Health Emergency Department Faculty Development Series:**

- 2022 *Crucial Conversations: Key Points* (January 27, 2022)  
*Difficult Deliveries* (October 27, 2022)
- 2023 *Languages of Appreciation* (August 24, 2023)

#### **Denver Health Emergency Department Nurse Academy:**

- 2022 *OB Trauma 2 vs 1 Patient* (December 14, 2022)
- 2023 *OB Trauma 2 vs 1 Patient* (February 22, 2023; May 10, 2023)  
*The Obese Trauma Patient* (August 28, 2023)

### **REGIONAL:**

#### **Biological, Nuclear/Radiological, Incendiary, Chemical, & Explosive Agents:**

- 2006 *BNICE Course*

#### **Advanced Trauma Life Support (ATLS):**

2006 *Initial Assessment and Management*  
*Airway & Ventilatory Management*  
*Injury Due to Burn & Cold*

2007 *Thoracic Trauma*  
*Injury Due to Burn & Cold*  
*Shock Lecture*  
*Pediatric Trauma*  
*Trauma in Women*  
*Transfer to Definitive Care*

2008 *ATLS Refresher Course Overview*  
*Airway & Ventilatory Management*  
*Abdominal Trauma*  
*Injury Due to Burn & Cold*  
*Trauma in Women*

2009 *Injury Due to Burn & Cold* (April, July, November)  
*Trauma in Women* (April, July, November)  
*Pediatric Trauma* (April, July, November)

2010 *Airway & Ventilatory Management* (February, July, September)  
*Pediatric Trauma* (July, August)  
*Trauma in Women* (July, August)  
*Transfer to Definitive Care* (July)  
*Injury Due to Burn & Cold* (August)

2011 *Trauma in Women* (July 13, 2011)

2012 *Airway & Ventilatory Management* (March 13, 2012)  
*Airway & Ventilatory Management Small Group Instructor* (March 13, 2012)

2013 *Trauma in Women* (July 24, 2013)

2014 *Airway & Ventilatory Management* (July 22, 2014)  
*Airway Assessment & Management Skills Station Instructor* (July 22, 2014)

2016 *Shock Assessment & Management* (July 19, 2016)  
*Geriatric Trauma* (July 20, 2016; August 24, 2016)  
*Trauma in Women* (July 20, 2016; August 24, 2016)

2017 *Airway Assessment. & Management Skills Station Instructor* (February 21, 2017)  
*Shock Assessment & Management Skills Station Instructor* (August 8, 2017)  
*Injuries Due to Burn & Cold* (August 9, 2017)  
*Trauma and Extremes of Age* (August 9, 2017)  
*Trauma in Women* (August 9, 2017)

2018 *Trauma in Women* (March 15, 2018; May 10, 2018; July 11, 2018; September 12, 2018; November 14, 2018)  
*Transfer to Definitive Care* (March 15, 2018; May 10, 2018; July 11, 2018; November 14, 2018)

2019 *Trauma in Women* (January 10, 2019; March 7, 2019; May 22, 2019)  
*Transfer to Definitive Care* (January 10, 2019; March 7, 2019; May 22, 2019)  
*Airway Assessment & Management Skills Station Instructor* (September 11, 2019)  
*Geriatric Trauma* (September 11, 2019)

- 2020 *Thermal Injuries* (November 14, 2019)  
*Pregnancy and Intimate Partner Violence* (November 14, 2019)  
*Chest Tube Placement Instruction & Practice* (August 26, 2020; October 1, 2020)  
*Bleeding Control Skills Station Facilitator/Instructor* (November 10, 2020)  
*Airway & Ventilator Management* (November 10, 2020)  
*Geriatric Trauma* (November 10, 2020)
- 2021 *Airway & Ventilatory Management* (January 19, 2021)  
*Airway Assessment & Management Skills Station Instructor* (January 19, 2021)  
*eFAST Skills Station Facilitator/Instructor* (January 20, 2021)  
*Pediatric Airway & Cricothyrotomy Skills Station Facilitator/Instructor* (May 18, 2021)  
*Cricothyrotomy Skills Station Facilitator/Instructor* (August 9, 2021; November 9, 2021)
- 2022 *Airway Assessment & Management Skills Station Facilitator/Instructor* (January 3, 2022; May 24, 2022; November 15, 2022)  
*Blunt Trauma Case Scenario Facilitator/Examiner* (January 3, 2022; May 24, 2022)  
*Course Overview* (July 26, 2022)  
*Initial Assessment & Management* (July 26, 2022; August 1, 2022)  
*Thoracic Trauma* (July 26, 2022)  
*Cricothyrotomy & Pediatric Airway Skills Station Instructor* (July 26, 2022)  
*Course Overview* (August 1, 2022)  
*Cricothyrotomy, Pediatric Airway, Adult Airway Skills Station Instructor* (August 1, 2022)  
*Airway & Ventilatory Management* (November 15, 2022)  
*Pediatric Trauma* (November 15, 2022)
- 2023 *Initial Assessment & Management* (April 11, 2023; July 25, 2023)  
*Cricothyrotomy Skills Station Facilitator/Instructor* (April 11, 2023; June 5, 2023; July 25, 2023)  
*Trauma Case Scenario Facilitator/Examiner* (April 11, 2023; May 9, 2023)  
*Bleeding Control Skills Station Facilitator/Instructor* (May 9, 2023)  
*Overview of ATLS Course* (July 25, 2023)  
*Airway and Ventilatory Management* (July 25, 2023)  
*Thoracic Trauma* (July 25, 2023)  
*Shock Discussion* (July 25, 2023)  
*Pediatric Trauma* (July 25, 2023)  
*Geriatric Trauma* (July 25, 2023)  
*Abdominal & Pelvic Trauma* (July 25, 2023)  
*Chest Tube Skills Station Facilitator/Instructor* (July 25, 2023)  
*Initial Assessment Skills Station Facilitator/Instructor* (July 26, 2023)  
*Airway Skills Station Facilitator/Instructor* (November 28, 2023)

**Colorado American College of Emergency Physicians (CO ACEP) Annual Symposium on Emergency Medicine:**



- 2011 *Case Files Panelist* (November 2011)
- 2013 *Case Files Panelist* (November 1, 2013)
- 2014 *Case Files Panelist* (November 19, 2014)
- 2018 *Case Files Moderator* (August 23, 2018)

**Community Education:**

- 2007 *Obstetrics, Trauma and Labor for Northglenn Ambulance CME*
- 2012 - 2015 Hope Pre-school Teacher Lecture Series
  - Vaccinations* (November 29, 2012)
  - Closed Head Injury* (December 6, 2012)
  - Foreign Bodies* (January 17, 2013)
  - Fever* (March 1, 2013)
  - Lacerations/Wounds* (March 21, 2013)
  - Seizures* (April 18, 2013)
  - Influenza* (September 30, 2013)
  - Rashes (Chicken Pox, Measles, Mumps)* (October 10, 2013)
  - Croup, Bronchiolitis* (November 11, 2013)
  - Carbon Monoxide Poisoning* (December 19, 2013)
  - Allergic Reactions* (January 30, 2014)
  - Diabetes* (March 18, 2014)
  - Eating Disorders* (March 25, 2014)
  - Edibles* (May 22, 2014)
  - Influenza Update* (December 19, 2014)
  - Measles* (February 3, 2015)
  - Ear Infections* (March 27, 2015)
- 2018 *Pediatric Simulation Exercise - Peer Review & CertiDose for COPIC & Legislators* (September 18, 2018)
- 2019 *Don't Miss Visual Cues for 8<sup>th</sup> Annual Trauma & Emergency Medicine Mini-Conference* UCHHealth Yampa Valley Medical Center, Steamboat, CO (November 22, 2019)
- 2021 *How I use Math in my Profession*  
6<sup>th</sup> grade Campus Middle School (December 16, 2021)
- 2022 *OB Trauma for Aurora Fire Rescue* (January 7, 2022)  
*OB Trauma for Aurora Fire Rescue* (July 27, 2022)  
*Difficult Deliveries Simulation Instructor for Aurora Fire Rescue*  
(July 28, 2022)  
*OB Trauma for Eagle County Paramedic Services* (September 15, 2022)

**NATIONAL:**

**Council of Residency Directors in Emergency Medicine (CORD) Academic Assembly:**

- 2009 *Transitioning to Junior Faculty* (Las Vegas, NV)
- 2011 *Feedback That Works for New Program Directors Workshop* (San Diego, CA)  
(March 2, 2011)
- 2012 *Successful Remediation for Program Leadership Development Workshop*  
(Atlanta, Georgia) (April 1, 2012)

- 2013 *Working Smarter Not Harder* for Program Leadership Development Workshop (Denver, CO) (March 5, 2013)
- 2014 *Delegation for Success* for Program Leadership Development Workshop (New Orleans, LA) (March 30, 2014)
- 2015 *Developing the Leadership Team* (Phoenix, AZ) (April 13, 2015)
- 2016 *The Telephone Game – Effective Communication* (Nashville, TN) (March 6, 2016)
- 2017 *Faculty Remediation: When the Resident Isn't the Problem* (Fort Lauderdale, FL) (April 28, 2017)
- 2018 *Program Coordinator's Guide to Professional Development* for EMARC Track (San Antonio, TX) (April 22, 2018)
- You're Down a Resident? How Do You Prevent Negatively Impacting Education?* for New Programs & Leaders Track (San Antonio, TX) (April 23, 2018)
- Life Outside of Residency - Are You Ready?* For Resident & Chief Resident Track (San Antonio, TX) (April 23, 2018)
- How You Doin'? - Feedback for the Program Director* for New Programs & Leaders Track (San Antonio, TX) (April 23, 2018)
- Leaning in without Burning Out: Advice from Female Leaders in Education* Panelist for Navigating the Academic Waters Track (San Antonio, TX) (April 24, 2018)
- 2019 *Expanding Your Reach – Virtual Mentorship* for New Programs & Leaders Track (Seattle, WA) (April 1, 2019)
- Mentorship Guide for Your Program Coordinator* for EMARC Track (Seattle, WA) (April 2, 2019)
- Change Management for the Program Coordinator* for EMARC Track (Seattle, WA) (April 2, 2019)
- 2020 *Leading From The Middle* for Chief Resident Symposium (New York, NY) (March 8, 2020)
- How to Get Involved in CORD* (New York, NY) (March 9, 2020)
- What Next? Life After PD! Panelist* for Best Practices Track (New York, NY) (March 10, 2020)
- The Art of Firing a Resident* for Best Practices Track (New York, NY) (March 10, 2020)
- A Toolkit for Faculty Remediation* for Best Practices Track (New York, NY) (March 10, 2020)
- Co-organizer and Interviewer of EMRA/CORD/CDEM Mock Interviews for Students (October 3, 2020; October 4, 2020; October 10, 2020)
- 2021 *Emotional Intelligence for the Program Coordinator* (Virtual Conference) (April 12, 2021)
- The Real Role of a Program Coordinator* (Virtual Conference) (April 12, 2021)
- Remediation – How to Include Your Chief Residents* (Virtual Conference) (April 12, 2021)
- Getting Involved in CORD with Fiona Gallahue & Tiffany Murano* (Virtual Conference) (April 13, 2021)
- You Said What? Effective Communication Skills to the Rescue* (Virtual

- Conference) (April 13, 2021)  
*Do You Have Enough Grit-Resilience Building Strategies* (Virtual Conference) (April 13, 2021)  
*Dealing with the Distressed Resident* (Virtual Conference) (April 13, 2021)  
*The Better Half – How Do We Incorporate Them Into Our Work Life* (Virtual Conference) (April 13, 2021)  
*Leading from the Middle: Chiefing* (Virtual Conference) (April 13, 2021)  
*Selling Yourself in a Tough Market* (Virtual Conference) (April 14, 2021)
- 2022  
*How to Get to Yes: Negotiating for Your Residency Needs* for New Programs and Leaders Track (San Diego, CA) (March 26, 2022)  
*The Art of Landing the Job* for Resident Track (San Diego, CA) (March 27, 2022)  
*How to Lead an Effective Meeting* for Navigating Academic Waters Track (San Diego, CA) (March 27, 2022)  
*Smoke and Mirrors: One Sided Communication* for EMARC Track (San Diego, CA) (March 27, 2022)  
CORD Abstracts Presentation Moderator for 2022 CORD Academic Assembly (San Diego, CA) (March 28, 2022)  
*The Art of Negotiation: How to Get What You Want* for Navigating Academic Waters Track (San Diego, CA) (March 29, 2022)
- 2023  
*One Stop Shop for PD Resources* for New Programs & Leaders Track (Las Vegas, NV)(March 20, 2023)  
*Program Director Well-Being – Who Cares?* for New Programs & Leaders Track (Las Vegas, NV)(March 20, 2023)  
*Great Educators – What’s the Secret?* for CDEM & Navigating Academic Waters Tracks (Las Vegas, NV)(March 21, 2023)  
*Pitfalls to Avoid on the Job Search Journey* for Resident Track (Las Vegas, NV) (March 21, 2023)  
*Mistakes to Avoid in Recruitment* for Best Practices Track (Las Vegas, NV) (March 21, 2023)  
*Emotional Intelligence for the Program Coordinator* for EMARC Track (Las Vegas, NV)(March 23, 2023)  
*Program Director Well-Being – Who Cares?* for Best Practices Track (Las Vegas, NV)(March 23, 2023)

**The Society of Air Force Clinical Surgeons Annual Symposium:**

2009      *Propofol for Procedural Sedation* (Denver, CO)

**National Primary Care Nurse Practitioner Symposium:**

- 2010 – Present      *Basic & Advanced Wound Care* Lecture & Workshop  
(Copper Mountain, CO July 2010; July 16, 2011; July 14, 2012; July 27, 2013)(Keystone, CO July 12, 2014; July 10, 2015; July 8, 2016; July 22, 2017; July 21, 2018; July 20, 2019; July 10, 2021; July 23, 2022; July 22, 2023)
- 2015 - Present      *Office/Dermatological Procedures* Lecture & Workshop  
(Keystone, CO July 11, 2015; July 9, 2016; July 19, 2019)

**American College of Emergency Physicians (ACEP) Scientific Assembly:**

- 2010 *Which Type of Residency Program Is Right For Me? For EMRA Student Forum (Las Vegas, NV) (September 26, 201)*
- 2012 *Ten Most Commonly Missed Radiographic Findings in the ED (Denver, CO) (October 9, 2012)*
- 2017 *Chest Tubes – Pearls and Pitfalls (Washington DC) (October 31, 2017)*  
*Fast Facts: Let's Chat About Adult Trauma with Dr. Chris Colwell and Dr. Trevor Mills (Sections on Trauma in the Obese Population and Intraosseous Access) (Washington DC) (October 31, 2017)*
- 2018 *Emergency Medicine for EMRA Medical Student Symposium (San Diego, CA) (September 30, 2018)*  
*Trauma STAT! Don't Miss This Visual Cue! (San Diego, CA) (October 2, 2018)*  
*Debunking Trauma Myths: It's Not Just Politics (San Diego, CA) (October 3, 2018)*  
*The Great Debate Trauma: Old School Wisdom vs New Age Tools Coordinator and Moderator with Vik Bebartha MD FACEP FACMT & Christopher Hogrefe MD FACEP (San Diego, CA) (October 3, 2018)*  
*Advanced Wound Closure in the ED: Putting the Pieces Back Together (San Diego, CA) (October 3, 2018)*
- 2019 *Breaking the Glass in Case of Disaster - How the Single Coverage ED Physician Can Manage in the First 30 Minutes (Denver, CO) (October 28, 2019)*  
*2019 Updates in Wound Closure in the ED (Denver, CO) (October 28, 2019)*  
*The Great Debate Trauma: Old School Wisdom vs New Age Tools Coordinator and Moderator with Sean Kivlehan MD & Christopher Hogrefe MD FACEP (Denver, CO) (October 29, 2019)*
- 2020 *Trauma at Your Doorstep: Different Environments, Different Approaches with Regan F. Lyon MD and Torree M McGowan MD (Virtual Conference)(October 26<sup>th</sup>-October 29<sup>th</sup>, 2020)*  
*Trauma Myth Busters with Torree M McGowan MD and Christopher Hogrefe MD (Virtual Conference)(October 26<sup>th</sup>-October 29<sup>th</sup>, 2020)*
- 2021 *Trauma Myth Busters (Christopher Hogrefe MD, Torree M McGowan MD, and Maria Moreira MD)(Boston, MA) (October 25, 2021)*  
*Trauma at Your Doorstep: Different Environments, Different Approaches (Regan F. Lyon MD, Torree M McGowan MD, and Maria Moreira MD) (Boston, MA) (October 26, 2021)*  
*Adult Trauma Pearls & Pitfalls (Virtual Component of Conference) (Boston, MA)(October 26, 2021)*
- 2022 *How to Evaluate a New Job and Negotiate the Contract with Michael Gisondi MD (San Francisco, CA) (October 1, 2022)*  
*Trauma at Your Doorstep: Different Environments, Different Approaches (Regan F. Lyon MD, Torree M McGowan MD, and Maria Moreira MD) (San Francisco, CA) (October 2, 2022)*  
*Trauma STAT! Don't Miss This Visual Cue! (San Francisco, CA) (October 2, 2022)*  
*Trauma STAT! Don't Miss This Visual Cue! (ACEP Unconventional)(Online)*

(November 4, 2022)

**SEMPA/ACEP Phase 2 Course:**

2015 *Abscess Drainage Procedural Small Group Sessions* (July 3, 2015)

**Rocky Mountain Winter Conference on Emergency Medicine:**

2012 *Radiographic Findings Not to Miss* (Copper Mountain, CO)(February 27, 2012)

2013 *101 Ways to Have Fun with a Foley* (Breckenridge, CO) (February 27, 2013)

2014 *Maximizing Imaging Studies to Get to the Right Answer* (Copper, CO) (February 23, 2014)

*Working Smarter Not Harder – Giving Tips for Efficiency* (Copper, CO) (February 25, 2014)

2015 *How to Read Head CT's in the ED* (Breckenridge, CO) (February 24, 2015)

*Wound Management Tricks of the Trade* (Breckenridge, CO) (February 24, 2015)

*Maximizing Imaging Studies* (Breckenridge, CO) (February 24, 2015)

2016 Trauma Case Conference Presenter (Steamboat, CO) (February 22, 2016)

Airway Gone Bad Lab Instructor/Facilitator (Steamboat, CO) (February 23, 2016)

2017 Airway Gone Bad Lab Instructor/Facilitator (Copper, CO)(February 26, 2017)

2018 Resident Speaker Competition Moderator (Breckenridge, CO) (February 25, 2018)

Young Physicians' Workshop Instructor (Breckenridge, CO) (February 26, 2018)

2019 Resident Speaker Competition Moderator (Steamboat, CO) (February 24, 2019)

Young Physicians' Workshop Instructor (Steamboat, CO) (February 25, 2019)

2020 Resident Speaker Competition Moderator (Breckenridge, CO) (February 23, 2020)

Young Physicians' Workshop Instructor (Breckenridge, CO) (February 24, 2020)

2022 Resident Speaker Competition Moderator (Steamboat, CO) (March 6, 2022)

Young Physicians' Workshop Instructor (Steamboat, CO) (March 7, 2022)

2023 Resident Speaker Competition Moderator (Breckenridge, CO) (February 26, 2023)

Young Physicians' Workshop Instructor (Breckenridge, CO) (February 27, 2023)

**Society for Academic Emergency Medicine (SAEM) Annual Meeting:**

2010 *Life/Work Balance Facilitator* for AWAEM Luncheon (Phoenix, AZ)

2013 *Mistakes EM Students and Applicants Make* for Medical Student Symposium (Atlanta, Georgia) (May 17, 2013)

2014 *Mistakes EM Students and Applicants Make* for Medical Student Symposium (New Orleans, LA) (May 16, 2014)

2015 *Mistakes EM Students and Applicants Make* for Medical Student Symposium

- (San Diego, CA) (May 15, 2015)
- 2019 *Mentorship/Teamwork/Delegation & Wellness Presenter/Small Group Facilitator* for Wellness for the Future: Cultural and Systems-based Challenges and Solutions 2019 SAEM Consensus Conference (Las Vegas, NV) (May 14, 2019)
- 2023 *ED Charm School Teaching Empathy at the Bedside* – Part of Education Summit (Austin, TX)(May 17, 2023)

**Western Regional Society for Academic Emergency Medicine Conference:**

- 2011 Residency/Fellowship Networking Event - Resident Director/Fellowship Director Panel (Keystone, CO) (February)

**Northwest Seminars Topics in Emergency Medicine:**

- 2015 Banff, Alberta, Canada
- Geriatric Trauma* (August 11, 2015)
  - Head CT's for the Emergency Physician* (August 11, 2015)
  - Maximizing ED Imaging* (August 13, 2015)
  - Tricks of the Trade for Foreign Body Extraction* (August 13, 2015)
  - Avoiding Unnecessary Antibiotic Problems in HEENT Infections* (August 14, 2015)
  - 101 Ways to Have Fun with a Foley: It's Not Just for GU Problems* (August 14, 2015)
  - Radiographic Findings Not to Miss* (August 14, 2015)
- Denver, CO
- Geriatric Trauma* (August 26, 2015)
  - Head CT: Deadly Findings* (August 26, 2015)
  - Case Based Law for the Emergency Physician* (August 26, 2015)
  - Avoiding Unnecessary Antibiotic Problems in HEENT Infections* (August 27, 2015)
  - Radiographic Findings Not to Miss* (Denver, CO) (August 27, 2015)
- 2019 Springdale, Utah (Zion National Park)
- How to Read Head CTs in the ED* (October 7, 2019)
  - 101 Ways to Have Fun with a Foley* (October 7, 2019)
  - Geriatric Trauma* (October 10, 2019)
  - Airway Nightmares* (October 11, 2019)
  - Wound Management: Putting the Pieces Together* (October 11, 2019)
  - Radiographic Findings Not to Miss* (October 11, 2019)
- 2022 Glacier National Park (Whitefish), Montana
- Wound Management* (August 8, 2022)
  - Are You Ready to Deliver the Baby?* (August 9, 2022)
  - Pediatric Trauma* (August 9, 2022)
  - Facial Trauma* (August 11, 2022)
  - Common ED Procedures* (August 11, 2022)
  - The Obese Trauma Patient* (August 12, 2022)
- Key West, Florida
- The Obese Trauma Patient* (November 17, 2022)

- Geriatric Trauma – The Impact of Aging* (November 17, 2022)  
*Pearls for Environmental Injuries* (November 18, 2022)  
*Foreign Bodies – Have a Strategy* (November 18, 2022)  
*OB Trauma - 2 Vs 1 Patient* (November 19, 2022)  
*Facial Trauma* (November 19, 2022)  
*Tips for Common ED Procedures* (November 20, 2022)
- 2023 Orlando, Florida
- Facial Trauma* (February 16, 2023)  
*Foreign Bodies – Have a Strategy* (February 16, 2023)  
*Delivery – Are You Ready?* (February 17, 2023)  
*Tips for Common ED Procedures* (February 17, 2023)  
*The Silent Killer – Pulmonary Hypertension* (February 18, 2023)  
*Controversies in Trauma* (February 19, 2023)  
*Pearls for Environmental Injuries* (February 19, 2023)
- Sedona, Arizona
- Foreign Bodies – Have a Strategy* (September 25, 2023)  
*OB Trauma* (September 26, 2023)  
*Trauma in the Obese Patient* (September 26, 2023)  
*Geriatric Trauma* (September 26, 2023)  
*Tips for Common ED Procedures* (September 27, 2023)  
*Wound Management* (September 28, 2023)  
*Pearls for Environmental Injuries* (September 28, 2023)

**Rocky Mountain Trauma & Emergency Medicine Conference:**

- 2017 *Conference Pearls* (Beaver Creek, CO) (June 17, 2017)
- 2018 *Transitions of Care Panel* Presenter & Moderator (Vail, CO) (June 8, 2018)  
*Pearls of the Conference* (Vail, CO) (June 9, 2018)
- 2019 *The Obese Trauma Patient* (Vail, CO) (June 7, 2019)  
*Simulation Competition Presenter/Facilitator* (June 7, 2019)
- 2021 *Stump the Chump Case* Presenter and Moderator with Dr. Fred Pieracci  
 (Beaver Creek, CO)(August 11, 2021)  
*Simulation Competition Presenter/Facilitator* (Beaver  
 Creek, CO) (August 11, 2021)  
*Conference Wrap-Up with Dr. Ryan Lawless* (Beaver Creek, CO) (August 12,  
 2021)
- 2022 *Are You Ready To Deliver The Baby?* (Copper Mountain, CO) (August 2,  
 2022)  
*Stump the Chump Case* Presenter and Moderator with Dr. Ryan Lawless  
 (Copper Mountain, CO) (August 3, 2022)  
*Simulation Competition Presenter/Facilitator* (Copper Mountain, CO)  
 (August 3, 2022)
- 2023 *High Acuity Low Occurrence Procedural Workshop Instructor/Facilitator*  
 (Intubation, Cricothyrotomy, Chest Tube, Transvenous Pacing,  
 REBOA, Resuscitative Hysterotomy)(Breckenridge, CO)  
 (June 5, 2023)  
*Simulation Competition Presenter/Facilitator* (Breckenridge, CO)

(June 7, 2023)

**Denver Health & Hospital Authority Trauma Outreach Lecture Series:**

- 2020        *The Obese Trauma Patient* (Presented through WebEx) (October 21, 2020)  
2021        *OB Trauma* (Presented through WebEx)(September 15, 2021)

**American Conference on Physician Health (ACPH):**

- 2021        *Fast Tracking Change Management and Enhancing Well-Being During the COVID-19 Pandemic Crisis* (Scottsdale, AZ) (October 8, 2021)

**Accreditation Council for Graduate Medical Education (ACGME) Annual Educational Conference:**

- 2022        *Getting to Yes: Negotiating for Your Residency and Fellowship Program Needs* (Virtual Experience) (March 31, 2022)

**Grand Rounds/Keynote/Other Speaking Invitations:**

- 2013        *Case Based Law* at Beth Israel Medical Center, New York, NY  
(September 18, 2013)
- 2017        *Pulmonary Hypertension - A Silent Killer* at University of Texas at Austin,  
Austin, TX (March 16, 2017)
- Communication - The Telephone Game* Faculty Development Lecture at  
University of Texas at Austin, Austin, TX (March 16, 2017)
- 101 Ways to Have Fun with a Foley* at LAC + USC Medical Center, Los Angeles,  
CA (October 5, 2017)
- 2018        *Pulmonary Hypertension - A Silent Killer* at Stanford University Department  
of Emergency Medicine, Stanford, California (April 11, 2018)
- Trauma in the Obese Patient, Intraosseous Access, and Chest Tubes in Trauma*  
at Beth Israel Medical Center, New York, NY (May 23, 2018)
- 2021        *Harmony out of Chaos - Conducting Team Communication*  
Keynote for ACEP Virtual Grand Rounds (February 24, 2021)
- Trauma Care: Updates, Pearls, Pitfalls, and Myths*  
Keynote for St. Anthony Hospital 2021 Trauma Symposium  
(September 17, 2021)
- Effective Communication: Bringing your "A" Game to Crucial Conversations* for  
Radiology Department Faculty Development Series at Penn State  
College of Medicine, Hershey, PA (December 16, 2021)
- 2022        *Leadership Communication: Bringing Your "A" Game Part 1* for eLEAD Virtual



Program (September 2, 2022)

*Leadership Communication: Bringing Your "A" Game Part 2* for eLEAD Virtual Program (October 7, 2022)

2023 *Leadership: Inspire, Motivate, Innovate* for EMRA Leadership Academy at CORD Academic Assembly (Los Angeles, NV)(March 21, 2023)

*The Obese Trauma Patient* for Northwest Portland Area Indian Health Board's Trauma Rounds ECHO (May 10, 2023) (Virtual)

*Keynote for Healthcare Interest Program (HIP) Year Kickoff* at Denver Health & Hospital Authority (Path to Medicine & Advice)(August 31, 2023)

*Leadership Communication: Bringing Your "A" Game Part 1* for eLEAD Virtual Program (September 8, 2023)

*Leadership Communication: Bringing Your "A" Game Part 2* for eLEAD Virtual Program (September 29, 2023)

**ON-LINE PRESENTATIONS (DIGITAL SCHOLARSHIP):**

2014 *The EM Rotation*  
Academic Life in Emergency Medicine (ALieM) (August 13, 2014)

2017 *ERAS and Application Strategies*  
with Adam Kellogg MD and Jeff Van Dermark MD  
EMRA Hangouts (September 7, 2017)

2018 *Attacking Your Aways*  
Co-presenter with Jan Shoenberger, MD  
EMRA Hangouts (May 3, 2018)

2019 *Don't Miss Visual Cues*  
Last Minute CEUs  
Continuing Education for Respiratory Therapists (October 2019)

2020 *Penetrating Neck Trauma*  
EMS Cast Podcast (May 2020)

*Virtual Interviews: Tips for Putting Your Best Face Forward*  
With Boyd D. Burns DO and RJ Sontag MD  
EMRA Hangouts (August 15, 2020)

2022 *The Art of Landing the Job Podcast*  
with co-presenter Dr. Saadia Akhtar

EMRA Hangouts (recorded at CORD2022)

- 2023 *Reinvigorating Emergency Medicine: Finding Our Way*  
Al'ai Alvarez, Maria Moreira, Kristen Nordenholz, Tracy Sanson  
ACEP CDC Webinar on Wellness  
(in progress)
- OB Deliveries*  
EMS Cast Podcast (recorded July, 1, 2023; in process for publication)
- Post-partum Hemorrhage*  
EMS Cast Podcast (recorded July 1, 2023; in process for publication)

## **TEACHING RECORD:**

### **CLASSROOM LECTURES:**

#### **Denver Health Residency in Emergency Medicine:**

(15 minutes to 1-hour lectures, with approximately 30 – 60 residents, medical students, and faculty in attendance)

- 2006 *Avoiding a \$50,000 fine* (March 22, 2006)  
*Bugs in the Ears, Nose & Throat* (July 5, 2006)  
*ENT Trauma* (November 8, 2006)  
*Oral Boards Case Review* (November 8, 2006)
- 2007 *Blunt HEENT Trauma* (March 14, 2007)  
*Oral Boards Case Review* (June 6, 2007)
- 2008 *Thoracotomy Lecture – 4<sup>th</sup> Year Retreat*  
*Upper Extremity X-rays* (February 6, 2008)  
*Oral Boards Case Review* (March 19, 2008)
- 2009 *Oral Boards Case Review* (January 21, 2009)  
*Lower Extremity Radiographs* (May 20, 2009)  
*Policies and Procedures* (July 1, 2009)  
*Facial Trauma* (July 29, 2009)  
*Abdominal X-rays* (September 16, 2009)
- 2010 *Avoiding Unnecessary Antibiotic Deaths in HEENT Infections* (March 10, 2010)  
*CT Head – Deadly Findings* (March 31, 2010)  
*CT Chest and Abdomen: What Not to Miss* (April 21, 2010)  
*Case Based Law* (June 9, 2010)  
*Policies and Procedures* (June 30, 2010)
- 2011 *Extremity Radiographs* (March 30, 2011)  
*C-spine Radiography* (May 18, 2011)  
*Policies and Procedures* (June 29, 2011)  
*Abdominal X-rays* (July 13, 2011)  
*CT Chest and Abdomen: What Not to Miss* (September 14, 2011)  
*Facial Trauma* (November 2, 2011)
- 2012 *Navigating Residency Successfully - Policies and Procedures* (June 27, 2012)

- C-Spine Radiography* (July 11, 2012)  
*Ten Most Commonly Missed Radiographic Findings in the ED*  
 (October 17, 2012)
- 2013 *101 Ways to Have Fun with a Foley* (March 13, 2013)  
*Case Based Law* (May 29, 2013)  
*Navigating Residency Successfully - Policies and Procedures* (June 26, 2013)  
*CT Head – Deadly Findings* (July 10, 2013)  
*Abdominal X-rays* (August 28, 2013)
- 2014 *Navigating Residency Successfully - Policies and Procedures* (July 2, 2014)  
*Rapid Fire GU Abscesses* (September 24, 2014)
- 2015 *Case Based Law* (June 10, 2015)  
*Navigating Residency Successfully - Policies and Procedures* (July 1, 2015)  
*Elbow Radiography* (August 19, 2015)
- 2016 *C-spine Radiography* (January 13, 2016)  
*Shoulder and Wrist Radiography* (February 3, 2016)  
*Abdominal X-rays* (June 8, 2016)  
*Navigating Residency Successfully - Policies and Procedures* (July 6, 2016)  
*Rosh Review with Dr. Bonnie Kaplan* (July 13, 2016)  
*Case Based Law* (July 20, 2016)  
*HEENT Trauma* (October 5, 2016)
- 2017 *A Silent Killer – Pulmonary Hypertension* (March 22, 2017)  
*Navigating Residency Successfully - Policies and Procedures* (July 12, 2017)  
*Case Discussion Panel for OB Trauma Organizer & Moderator*  
 (September 20, 2017)  
*Extremity Radiographs* (September 26, 2017)  
*Wound Management* (October 11, 2017)  
*Facial Fracture Jeopardy with Dr. Jennie Buchanan & Dr. Gannon Sungar*  
 (October 18, 2017)
- 2018 *A Journey – Chosen by Chief Residents to Present at Awards Ceremony*  
 (June 20, 2018)  
*Physiology of Pregnancy* (August 15, 2018)  
*Superstar Radiograph Reader - GI Rapid Fire* (August 29, 2018)
- 2019 *Esophageal & Stomach Foreign Bodies: What's Your Strategy*  
 (January 23, 2019)  
*Labor & Delivery Cases – Simulation Practice* (January 30, 2019)  
*GI Cases – Small Groups* (February 6, 2019)  
*Cellulitis/Abscess - Fight the Bacteria* (March 6, 2019)  
*Post-Partum Hemorrhage* (May 29, 2019)  
*2019 Updates in Wound Closure in the ED* (September 4, 2019)  
*Trauma Visual Cues: Things That Are Worse Than They Appear*  
 (September 11, 2019)  
*Trauma Cases (Penetrating Neck Trauma, Penetrating Torso Trauma,  
 Crush Injury)* (November 20, 2019)  
*Facial Trauma Jeopardy* (December 4, 2019)
- 2020 *Trauma Shock Cases* (January 15, 2020)  
*Trauma Resuscitation Cases* (March 20, 2020)

- Cellulitis/Abscess - All You Need To Know* (August 19, 2020)  
*Esophageal & Stomach Foreign Bodies: What's Your Strategy*  
 (September 16, 2020)  
*Oh, How the Body Changes - Physiology of Pregnancy* (November 4, 2020)  
*GI Cases - Small Groups* (December 2, 2020)
- 2021 *Post-Partum Hemorrhage* (January 27, 2021)  
*Labor & Delivery Cases (Tocomonitoring, Uterine Rupture, Cord Prolapse, Breech)* (March 31, 2021)  
*Superstar Radiograph Reader - GI Rapid Fire* (April 7, 2021)  
*GI Diagnostic Modalities* (May 19, 2021)  
*Trauma Cases* (August 25, 2021)  
*Wound Management: Tricks of the Trade* (September 1, 2021)  
*Trauma Shock Cases* (November 17, 2021)  
*Trauma Cases* (December 1, 2021)
- 2022 *Facial Trauma Jeopardy* (January 5, 2022)  
*Controversies in Trauma* (March 23, 2022)  
*Facial Trauma Jeopardy Part II* (April 6, 2022)  
*HEENT Cases* (June 22, 2022)  
*Oh, How the Body Changes - Physiology of Pregnancy* (August 24, 2022)  
*GI Diagnostic Modalities* (September 14, 2022)  
*Cellulitis/Abscess - All You Need To Know* (October 5, 2022)  
*Superstar Radiograph Reader - GI Rapid Fire* (December 7, 2022)  
*GI Cases - Small Groups* (December 7, 2022)
- 2023 *Labor & Delivery Cases (Tocomonitoring, Uterine Rupture, Cord Prolapse, Breech)* (March 8, 2023)  
*SOB in Pregnancy* (April 19, 2023)  
*Trauma Shock Cases* (September 6, 2023)  
*Facial Trauma Jeopardy* (September 20, 2023)

### **Denver Health Paramedic School:**

(4-hour lectures with 20-30 paramedic students in attendance)

- 2006 *Endocrinology Overview*  
 2007 *Endocrinology Overview*  
*Obstetrics & Gynecology*  
 2008 *Endocrinology Overview*  
*Obstetrics & Gynecology*  
*Airway Lecture*  
 2009 *Obstetrics & Gynecology*  
 2010 - 2016 *Pregnant or Not Pregnant* (February 2010; July 16, 2010; February 14, 2011  
 September 5, 2011; February 13, 2012; September 4, 2012;  
 February 18, 2013; September 9, 2013; March 4, 2014; August 11,  
 2014; March 18, 2015; August 17, 2015; March 15, 2016; August 23,  
 2016)  
 2017 *OB/GYN Emergencies* (January 16, 2017; July 18, 2017)  
*OB Emergencies/Neonatal Resuscitation Refresher Course* (February 8, 2017)  
 2018 *Pregnant or Not Pregnant* (February 13, 2018; July 12, 2018)

2019 - 2023 *OB/GYN Emergencies & Labor and Delivery* (March 4, 2019; July 8, 2019; January 8, 2020; January 18, 2021; February 26, 2021; August 13, 2021; April 19, 2022; August 15, 2022; March 13, 2023; May 4, 2023; August 22, 2023)

**Denver Health Medical Student & Intern Lecture Series:**

(1-hour lectures with about 10- 20 medical students in attendance)

2007 *Wound Management*

2008 *Chest Trauma*

*Wound Management*

2011 *OB-GYN Emergencies* (July 11, 2011)

*Abdominal Pain in the ED* (August 1, 2011)

*Basics of Trauma* (September 12, 2011; October 10, 2011; November 7, 2011; December 5, 2011)

2012 *OB-GYN Emergencies* (December 3, 2012)

2020 *Case Review (Ectopic Pregnancy, Febrile Seizure, Difficult Deliveries, Postpartum Hemorrhage)* - Virtual EM Medical Student Curriculum (September 2, 2020; September 30, 2020)

**University of Colorado School of Medicine:**

**Introduction to Emergency Medicine and Traumatic Emergencies (Surg 6627):**

(1-hour lectures with 15 – 20 medical students in attendance)

2006-2008 *Chest Trauma*

2009 *Intro to Trauma*

*Putting it all Together*

**Introduction to Emergency Medicine and Traumatic Emergencies (EMED 6627):**

(1-hour lectures with 15 – 20 medical students in attendance)

2010 *Introduction to Traumatic Injuries*

*Trauma Patient Care – Putting it all Together*

2011 *Introduction to Traumatic Injuries* (March 22, 2011)

*Trauma Patient Care – Putting it all Together* (May 10, 2011)

2012 *Introduction to Traumatic Injuries* (March 27, 2012)

*Trauma Patient Care – Putting it all Together* (May 8, 2012)

2013 *Introduction to Traumatic Injuries* (March 26, 2013)

*Trauma Patient Care – Putting it all Together* (May 14, 2013)

2014 *Introduction to Traumatic Injuries* (March 25, 2014)

*Neuro Trauma* (April 8, 2014)

*Putting it all Together* (May 6, 2014)

2015 *Introduction to Traumatic Injuries* (March 24, 2015)

*Putting it all Together* (May 5, 2015)

2016 *Introduction to Traumatic Injuries* (March 22, 2016)

*Putting it all Together* (May 17, 2016)

2017 *Trauma in Special Populations (Pediatrics, OB, Geriatrics)* (February 14, 2017)

*Putting it all Together* (March 7, 2017)

2018 *Introduction to Traumatic Injuries* (February 13, 2018)

- 2019 *Putting it all Together* (March 6, 2018)  
 2019 *Introduction to Traumatic Injuries* (January 22, 2019)  
 2020 *Introduction to Traumatic Injuries* (January 28, 2020)  
*Visual and Diagnostic Clues* (February 18, 2020)  
 2021 *Introduction to Traumatic Injuries* (January 5, 2021)

**Additional University of Colorado School of Medicine Courses:**

- 2010 *Residency PD Panel* (ICC 7003)  
 2011 *Residency PD Panel* (ICC 7003)(May 5, 2011)  
*Which Type of Residency Program is Right For Me* for Emergency Medicine  
 Interest Group (April 14, 2011)  
*EKG Review – Small Groups* (ICC 8005)(May 16, 2011)  
 2012 *Residency Program Director Panel* (ICC 7003)(May 3, 2012)  
*Program Director’s Panel for MSIV Students* (ICC 7003)(October 25, 2012)  
 2013 *Program Director’s Panel for MSIV Students* (ICC 7003)(May 2, 2013)  
 2014 *Program Director’s Panel for MSIV Students* (ICC 7003)(September 16, 2014)  
 2015 *Residency Program Director Panel* (ICC 7003)(May 7, 2015)  
 2016 *Residency Program Director Panel* (ICC 7003)(May 5, 2016)  
 2017 *Introduction to Traumatic Injuries* (IDPT 7003)(May 2, 2017)  
 2018 *Introduction to Traumatic Injuries* (IDPT 7003)(May 2, 2018)  
*Residency Program Director Panel* (IDPT 7003)(May 3, 2018)  
 2019 *Introduction to Trauma Care* (IDPT 7003)(May 1, 2019)  
*Laceration Repair* for Longitudinal Integrated Curriculum (October 3, 2019)  
*Introduction to Trauma Care* for Longitudinal Integrated Curriculum  
 (October 3, 2019)  
 2020 *Fractures* for Longitudinal Integrated Curriculum (September 24, 2020)  
 2021 *Introduction to Trauma Care* (Recorded) (IDPT 7003)(May 13, 2021)  
 2022 *Introduction to Trauma Care* (IDPT 7003)(May 10, 2022)  
 2023 *Introduction to Trauma Care* (IDPT 7003) (Recorded for use for 2023  
 course)  
*FOOSH TBL* for Longitudinal Integrated Curriculum (June 28, 2023)  
*AMS + Fracture TBL* for Longitudinal Integrated Curriculum (June 28, 2023)

**CLASSROOM FACILITATOR/MODERATOR/INSTRUCTOR:**

**DEPARTMENTAL:**

**Denver Health Residency in Emergency Medicine:**

- 2008 – 2014 Simulation Sessions Developer/Facilitator/Instructor  
 2005 – Present Oral Board Sessions Facilitator/Examiner  
 2012 SimWars Judge - Residency Simulation Competition (March 21, 2012)  
 HEENT CORE Lecture Module Leader/Small Group Developer/Small  
 Group Facilitator (March 28, 2012)  
 Procedure Lab Creator/Instructor/Facilitator (April 17, 2012; May 7,  
 2012; September 11, 2012; October 22, 2012)  
 2013 Procedure Lab Creator/Instructor/Facilitator (January 29, 2013; April  
 18, 2013; October 11, 2013)

2014 Procedure Lab Creator/Instructor/Facilitator (January 16, 2014, February 13, 2014, August 26, 2014)  
HEENT CORE Lecture Module Leader/Small Group Developer/Small Group Facilitator (March 19, 2014)  
Feedback Small Groups Facilitator (July 9, 2014)  
Cadaver Lab Instructor (September 18, 2014)  
Tracks/ACES Discussion Facilitator (November 5, 2014)

2015 OB/GYN Module Facilitator - Diagnostic Imaging Considerations in Pregnant Patients (February 4, 2015)  
Procedure Lab Creator/Instructor/Facilitator (February 12, 2015; June 19, 2015)  
EMS Disaster Table Top Exercise Facilitator (September 30, 2015)

2016 Procedure Lab Creator/Instructor/Facilitator (February 5, 2016; August 11, 2016)  
Oral Boards for Residents and Alumni Facilitator/Examiner (April 27, 2016; May 4, 2016)  
Cadaver Lab Instructor (September 7, 2016)  
HEENT SIM Session Low Fidelity Developer/Instructor (November 2, 2016)

2017 Procedure Lab Creator/Instructor/Facilitator (February 3, 2017; February 14, 2017; May 31, 2017)  
Oral Boards Facilitator/Examiner (April 12, 2017; April 19, 2017)  
CPC Competition Judge (October 18, 2017)

2018 Procedure Lab Creator/Instructor/Facilitator (February 2, 2018; April 13, 2018; May 4, 2018; December 6, 2018)

2019 Procedure Lab Creator/Instructor/Facilitator (February 8, 2019; November 4, 2019)  
Oral Boards Facilitator/Examiner (April 17, 2019)

2020 Procedure Lab Creator/Instructor/Facilitator (January 6, 2020; February 7, 2020; March 2, 2020; May 4, 2020; May 14, 2020; May 19, 2020; May 25, 2020; May 28, 2020; May 29, 2020; June 9, 2020; August 24, 2020; October 19, 2020; October 20, 2020; October 22, 2020; October 23, 2020)  
OB Simulation Curriculum Developer/Instructor/Facilitator (April 27, 2020; April 28, 2020; April 30, 2020; May 4, 2020; May 5, 2020; May 7, 2020; May 22, 2020; June 5, 2020; June 12, 2020; August 10, 2020; August 11, 2020; August 12, 2020; August 14, 2020; August 20, 2020; August 21, 2020; August 25, 2020; September 21, 2020; September 25, 2020; October 2, 2020; October 5, 2020; October 6, 2020; October 9, 2020)  
Oral Boards Facilitator/Examiner (April 29, 2020)

2021 Procedure Lab Creator/Instructor/Facilitator (January 25, 2021; February 4, 2021; February 10, 2021; February 17, 2021; May 24, 2021; August 23, 2021; October 14, 2021)  
Intern Pediatric Bootcamp Facilitator (March 9, 2021)  
Oral Boards Facilitator/Examiner (April 28, 2021)

OB Simulation Curriculum Developer/Instructor/Facilitator (May 7, 2021; May 25, 2021; May 27, 2021; June 1, 2021; June 9, 2021; June 10, 2021; September 14, 2021; September 15, 2021; September 16, 2021; September 17, 2021; September 21, 2021; September 28, 2021; September 30, 2021; October 1, 2021; October 13, 2021; October 29, 2021; November 23, 2021; December 3, 2021; December 7, 2021)

PPE Simulation Developer/Instructor/Facilitator (June 8, 2021)

Procedural Practice & Simulation Cases Facilitator/Instructor for Medical Student Rotation (6/25/21; 8/20/21; 9/17/21)

Emergency Medicine Conference Host/Facilitator (November 17, 2021)

2022 Procedure Lab Creator/Instructor/Facilitator (January 24, 2022; August 22, 2022; October 11, 2022)

Emergency Medicine Conference Host/Facilitator (February 16, 2022; November 30, 2022)

OB Simulation Curriculum Developer/Instructor/Facilitator (May 2, 2022; May 3, 2022; May 9, 2022; May 11, 2022; May 12, 2022; May 27, 2022; September 21, 2022; September 26, 2022; September 27, 2022; September 29, 2022; October 5, 2022; October 6, 2022; October 10, 2022; October 11, 2022; October 14, 2022; 10/25/2022; 10/28/2022; 10/31/2022; 11/7/2022; 11/14/2022)

HEENT Skills Lab Cricothyrotomy Instructor/Facilitator (May 18, 2022)

Chest Tube Placement Task Training Instructor/Facilitator for Intern Mini-Retreat (May 24, 2022)

Central Line Placement Task Training Instructor/Facilitator for New Intern Orientation (June 20, 2022)

Medical Student Simulation Experience Facilitator (Medical Student Clerkship) (July 15, 2022; September 9, 2022; November 4, 2022)

Cadaver Lab Instructor/Facilitator (September 7, 2022)

2023 Emergency Medicine Conference Host/Facilitator (January 18, 2023, November 29, 2023)

Procedure Lab Creator/Instructor/Facilitator (March 3, 2023; March 13, 2023; May 22, 2023; August 21, 2023; October 30, 2023)

OB Simulation Curriculum Developer/Instructor/Facilitator (May 3, 2023; May 11, 2023; May 12, 2023; May 25, 2023; May 29, 2023; May 31, 2023; September 6, 2023; September 13, 2023; September 14, 2023; September 18, 2023; September 19, 2023; September 20, 2023; September 22, 2023; September 29, 2023; October 2, 2023; October 4, 2023; October 5, 2023; October 6, 2023; October 30, 2023)

Chest Tube Placement Task Training Instructor/Facilitator for Intern Mini-Retreat (May 23, 2023)



HEENT Skills Lab Developer/Instructor/Facilitator (Cricothyrotomy Instructor) (August 16, 2023)

**University of Colorado School of Medicine Department of Emergency Medicine:**

- 2011 Bedside Teaching Workshop Faculty Retreat Facilitator (October 27, 2011)
- 2020 Wellbeing Connectivity Break-Out Sessions for Joint Faculty Meeting Facilitator (November 12, 2020)

**Denver Health Paramedic School:**

- 2021 Difficult Delivery Simulations Developer/Instructor/Facilitator (January 20, 2021; January 21, 2021; January 22, 2021; January 28, 2021; February 3, 2021; February 5, 2021; February 17, 2021; March 29, 2021; March 31, 2021; April 1, 2021; August 13, 2021)
- 2022 Difficult Delivery Simulations Developer/Instructor/Facilitator (January 7, 2022 (for Aurora Fire Rescue through paramedic school); April 20, 2022 (Paramedic School); July 28, 2022 (Aurora Fire Rescue through paramedic school); August 15, 2022 (Paramedic School))
- 2023 Difficult Delivery Simulations Developer/Instructor/Facilitator (March 14, 2023; March 15, 2023; May 4, 2023; August 22, 2023)

**Denver Health & Hospital Department of Emergency Medicine:**

- 2022 HALO (High Acuity, Low Occurrence) Procedures Task Training Instructor/Facilitator (Part of Faculty Development Series) (June 13, 2022; June 16, 2022; June 23, 2022; June 27, 2022)
- Difficult Deliveries & Resuscitative Hysterotomy Instructor/Facilitator (Part of Faculty Development Series) (October 26, 2022; October 27, 2022; October 28, 2022)
- 2023 HALO (High Acuity, Low Occurrence) Procedures Task Training Instructor/Facilitator (Part of Faculty Development Series) (February 23, 2023; February 24, 2023; May 25, 2023; August 16, 2023)
- Difficult Deliveries Simulation for Emergency Department Nurse Academy Instructor/Facilitator (November 10, 2023)

**SCHOOL OF MEDICINE:**

**University of Colorado School of Medicine:**

- 2010 Residents as Teachers Facilitator
- 2011 Trauma Small Group Session (ICC 7004) (May 2011)  
EKG Review Small Group Session (ICC 8005) (May 2011)  
Academic Advising – Is EM right for you? (December 15, 2011)
- 2012 Trauma Small Group Sessions (ICC 7003) (May 2, 2012)

	Teaching Procedures for Graduate Medical Education Chief Resident Retreat (July 21, 2012)
2013	Thoracentesis Teaching Skills for Critical Care and Procedures Elective (March 27, 2013; March 28, 2013)
	Trauma Small Group Sessions (ICC 7003) (May 2, 2013)
2014	Simulation Case Debriefing Facilitator for Critical Care and Procedures Elective (April 7, 2014)
2015	Advisory College Program's Mock Interviews Mock Interviewer (September 22, 2015)
2016	How to Interview Small Groups Facilitator (IDPT 7003) (May 5, 2016)
2018	How to Interview (by Specialty) Facilitator (IDPT 7003)(May 3, 2018)
2022	Trauma Small Groups Facilitator (IDPT 7003)(May 10, 2022) Changing Specialty Paths after Match: the possibilities And experience – Career Panel (IDPT 7003)(May 17, 2022) Longitudinal Integrated Curriculum Facilitator (FOOSH; AMS + Fracture)(June 28, 2023)

## **HOSPITAL:**

### **Denver Health & Hospital Authority:**

2020	PPE Simulation Developer/Instructor/Facilitator (March 2020, April 2020, June 2020, July 2020, August 2020) COVID Intubating Hood Testing for Emergency Department (May 11, 2020; May 12, 2020)
2021	Director, Developer, and Presenter of Simulation Workshop for Healthcare Interest Program (HIP) Students (April 9, 2021) PPE Simulation Developer/Instructor/Facilitator (August 17, 2021; September 17, 2021)
2022	Director, Developer, and Presenter of Simulation Workshop for Healthcare Interest Program (HIP) Students (April 8, 2022) Director, Developer, and Presenter of Simulation Workshop for Denver Public Schools (May 16, 2022; October 6, 2022) PPE Simulation for Psychology Interns (August 16, 2022) PPE Simulation for Healthcare Interest Program (HIP) Students (September 2, 2022)
2023	Director, Developer, and Presenter of Simulation Workshop for Denver Public Schools (February 10, 2023; April 21, 2023) Director, Developer, and Presenter of Simulation Workshop for Healthcare Interest Program (HIP) Students (March 10, 2023) PPE Simulation Developer/Instructor/Facilitator (August 15, 2023; September 8, 2023)

## **CLINICAL TEACHING:**

7/2005 – Present    Attending Physician, Department of Emergency Medicine

Denver Health & Hospital Authority, Denver, CO  
Supervise and provide bedside teaching to residents, medical students, and APPs. Currently work 13.5 clinical hours/week.

2013 – 2018      Attending Physician, Department of Emergency Medicine  
University of Colorado Hospital, Aurora, CO  
Supervise and provide bedside teaching to residents and medical students. Worked 16 hours/month (4 hours/week).

**PROGRAM LEADERSHIP:**

7/2010 – 10/2018    Denver Health Residency in Emergency Medicine Program Director  
8/2018 – Present    Medical Director of Continuing Education and Simulation  
2020 – Present      Director of Professional Development & Wellbeing

**COURSE ADMINISTRATION AND LEADERSHIP:**

**DEPARTMENTAL COURSES:**

**Denver Health Residency in Emergency Medicine:**

7/2005 – 7/2008    Retreat Director  
Set the curriculum and facilitated advancement retreats for each residency class focusing on skills needed for the next year of training.

7/2007 – 2013      Simulation Curriculum Director  
Set the curriculum, organized, and facilitated quarterly simulation sessions for the Emergency Medicine Residents.

7/2008 – 7/2018    Radiology Curriculum Director  
Developed and delivered lectures on reading radiographs to Emergency Medicine Residents (2 to 4 lectures a year)

2009 – 2017        CPC Competition Judge

2012 – 2018        Co-manager Resident Research Fund

2012 – Present      Procedure Lab Director  
Developed the schedule and curriculum for procedural labs for the Emergency Medicine Residency. Additionally, developed low fidelity simulators for task training and serve as an instructor for all the labs.

2020 – Present      OB Simulation Curriculum Director, Developer, and Presenter  
For PGY4 Curriculum Adjunct to OB Rotation  
Developed a difficult delivery simulation curriculum for 4th year Emergency Medicine residents consisting of 4 separate sessions to provide deliberate practice on difficult deliveries, resuscitation of the neonate, and resuscitation of post-partum hemorrhage. Serve as an instructor and facilitator for all sessions.

**Denver Health & Hospital Authority Department of Emergency Medicine:**

2014 – 2017        Faculty Development Snippets in Education Director, Developer and Presenter (12/11/14; 2/26/15; 3/19/15)  
Quick 15-minute educational sessions for faculty development.

- 2020 – Present Faculty Development Scholars Program Developer and Director  
This program was created to support faculty career development. It is a career development grant to support acquisition of new skills or further development in an individual area of interest.
- 2021 – Present Individualized Faculty Development Process & Support Developer and Facilitator  
Developed a process for referral and development of individualized faculty development plans including mentorship, continued instruction, and assessment.
- 2022 – Present Faculty Development Series Developer, Facilitator, Presenter  
Series is focused on providing continuous development in education/teaching, clinical, scholarship, and professional realms.

**University of Colorado School of Medicine Department of Emergency Medicine:**

- 2016 Faculty Retreat Developer and Facilitator (March 16, 2016)  
Developed and delivered the curriculum for the educational portion of the retreat focused on development as educators.

**Denver Health Paramedic School:**

- 2021 – Present Difficult Deliveries Simulation Developer and Presenter  
Developed and serve as the instructor for a simulation based difficult delivery curriculum providing an opportunity for deliberate practice on difficult deliveries. At the completion of the curriculum each paramedic will have performed 12 deliveries.

**SCHOOL OF MEDICINE COURSES:**

- 2008 – 2022 Preceptor Foundations of Doctoring  
1/2009 – 2010 Course Co-Director Introduction to Emergency Medicine and Traumatic Emergencies (Surg 6627)  
2010 – 2021 Course Co-Director Introduction to Emergency Medicine and Traumatic Emergencies (EMED 6627)  
2013 Course Co-Director Critical Care and Procedures Elective  
2022 – Present Preceptor Longitudinal Integrated Curriculum

**HOSPITAL COURSES:**

**Denver Health & Hospital Authority:**

- 2020 – Present PPE Simulation Developer/Instructor/Facilitator  
Developed a simulation curriculum to provide opportunity for practice on donning and doffing of personal protective equipment. Serve as an instructor for the curriculum as well.

**LOCAL/REGIONAL COURSES:**

- 2012 – 2015 Director & Lecturer for Hope Pre-school Teacher Lecture Series

Greenwood Village, CO  
Developed the curriculum and delivered the lectures for this lecture series for pre-school teachers.

2021 – Present      Director, Developer, and Presenter of Simulation Workshops for Healthcare Interest Program (HIP) Students  
Denver Health & Hospital Authority, Denver, CO

2022 - Present      Director, Developer, and Presenter of Simulation Workshops for Denver Public Schools  
Denver Health & Hospital Authority, Denver, CO

**NATIONAL COURSES:**

**Western Regional SAEM Conference:**

2010                      Career Development Sessions & Networking Session (Keystone, CO)

**Council of Residency Directors in Emergency Medicine:**

2012 – 2014              Co-Chair Program Leadership Development Track  
CORD Academic Assembly 2013 and 2014

**Rocky Mountain Winter Conference on Emergency Medicine:**

2016 – 2019              Curriculum Co-Director (2017, 2018, 2019 Annual Conferences)

2018 – Present              Conference Co-Director (2019, 2020, 2022, 2023 Annual Conferences)

2018 – Present              Resident Speaker Competition Developer/Organizer/Facilitator  
(February 2018, February 2019, February 2020, March 2022, February 2023)

Developed and serve as a moderator for the resident speaking competition providing an opportunity for residents to showcase their presenter skills and receive real time feedback from expert presenters and educators.

2018 – Present              Young Physician’s Workshop Developer/Organizer/Facilitator/  
Instructor (February 2018, February 2019, February 2020, March 2022, February 2023)

Developed, direct, and serve as an instructor for this workshop which provides children an opportunity for hands-on practice with procedures performed in emergency departments such as ultrasound, splinting, and immobilization.

**Rocky Mountain Trauma & Emergency Medicine Conference:**

2016 – Present              Conference Co-Director  
(2017, 2018, 2019, 2021, 2022, 2023 Annual Conferences)

2019 – Present              Simulation Competition Developer/Organizer/Facilitator  
(June 7, 2019; August 11, 2021; August 3, 2022; June 7, 2023)

- 2023 – Present      Developed and serve as the facilitator for an interdisciplinary, inter-professional simulation competition. Teams receive real-time feedback on teamwork, communication, and patient care.
- High Acuity Low Occurrence Procedural Workshop Developer/ Organizer/Facilitator)  
(June 5, 2023)
- Developed and serve as an instructor and facilitator for a procedural workshop giving participants an opportunity to practice high acuity procedures such as intubation, cricothyrotomy, chest tube placement, transvenous pacer placement, REBOA, and resuscitative hysterotomy.

### **Northwest Seminars Topics in Emergency Medicine**

- 2022 – Present      Curriculum Director
- Glacier National Park, Montana (8/8/22 – 8/12/22)
  - Key West, Florida (11/17/22 – 11/20/22)
  - Orlando, Florida (2/16/23 – 2/19/23)
  - Sedona, Arizona (9/25/23 – 9/28/23)
  - Anaheim, California (12/18/23 – 12/21/23)
  - Park City, Utah (2/12/24 – 2/16/24)
  - Alaskan Explorer Cruise (6/23/24 – 6/30/24)
  - Sedona, Arizona (9/9/24 – 9/12/24)

### **TRAINEES/MENTEES:**

- Advisor/Mentor to Chief Residents
  - o Career, content area, and leadership advice and mentorship to chief residents of the following classes: 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021
- Advisor/Mentor to Emergency Medicine Residents
  - o Career and content area advice and mentorship to approximately 35 residents
- Advisor/Mentor to Medical Students
  - o Career and content area advice and mentorship to rotating medical students interested in Emergency Medicine, Foundations of Doctoring Curriculum, and Longitudinal Integrated Curriculum (approximately 29 students)

### **GRANT SUPPORT**

- 2010 – 2015      COPIC Medical Foundation Grant  
Amount: \$15,000  
Project: Color-coded, pre-filled syringes correlated to the Broselow tape can help decrease the time to administration of medication as well as decrease medication error in simulated pediatric patients
- 2012 – 2013      Rymer Small Grants

	Amount: \$5,000 Project: Development of a Critical Care and Procedure Elective for 4 <sup>th</sup> Year Medical Students to improve basic procedural skills and critical care skills
2018 – 2022	COPIC Grant Amount: \$134,814 Project: Development of a Denver Health Simulation Center
2019	AHA Education Grant Amount: \$8,490 Project: CPR Simulation Project
2023	Denver Health Provider Engagement & Wellbeing Committee Grant for Burnout Innovations Amount: \$5000 Project: Faculty Coaching to Mitigate Burnout

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1. **Moreira ME** and Markovchick VJ. Wound Management. Emerg Med Clin North Am. 2007 Aug;25(3):873-99 (PMID: 17826222)
2. **Moreira M**, Buchanan J, Heard K. Validation of a 6-hour observation period for cocaine body stuffers. Am J Emerg Med. 2011 Mar; 29(3):299-303 (PMID: 20825819)
3. Buchanan J, **Moreira M**, Heard K. Response to Letter to the Editor: validation of a 6-hour observation period for cocaine body stuffers. Am J Emerg Med. 2011 May;29(4):471-2 (PMID: 21447435)
4. **Moreira ME** and Markovchick VJ. Wound Management. Crit Care Nurs Clin North Am. 2012 Jun;24(2):215-37 (PMID: 22548860)
5. Trent SA, **Moreira ME**, Colwell CB, Mehler PS. ED management of patients with eating disorders. Am J Emerg Med. 2013 May;31(5):859-65 (PMID: 23623238)
6. Sande MK, Buchanan J, **Moreira M**, Bender B, Caruso EH, Broderick K. Sexual Assault Training in Emergency Medicine Residencies: A Survey of Program Directors. West J Emerg Med. 2013 Sep;14(5):461-6 (PMID: 24106543)
7. **Moreira ME**, Hernandez C, Stevens AD, Jones S, Sande M, Blumen JR, Hopkins E, Bakes K, Haukoos JS. Color-coded Prefilled Medication Syringes Decrease Time to Delivery and Dosing Error in Simulated Emergency Department Pediatric Resuscitations. Ann Emerg Med. 2015 Aug;66(2):97-106 (PMID: 25701295)
8. Stevens AD, Hernandez C, Jones S, **Moreira ME**, Blumen JR, Hopkins E, Sande M, Bakes K, Haukoos JS. Color-coded prefilled medication syringes decrease time to delivery and dosing errors in simulated prehospital pediatric resuscitations: A randomized crossover trial. Resuscitation. 2015 Aug 3 (PMID: 26247145)

9. Kim HS, **Moreira ME**. A Case of Recalcitrant Urinary Tract Infection. *J Emerg Med*. 2016 Jul 2. (PMID: 27381950)
10. Williamson K, **Moreira M**, Quattromani E, Smith JL. Remediation Strategies for Systems-Based Practice and Practice-Based Learning and Improvement Milestones. *J Grad Med Educ*. 2017 Jun;9(3):290-293 (PMID: 28638505)
11. Wolf SJ, Akhtar S, Gross E, Barnes D, Epter M, Fisher J, **Moreira M**, Smith M, House H. ACGME Clinical and Educational Work Hour Standards: Perspectives and Recommendations from Emergency Medicine Educators. *West J Emerg Med*. 2018 Jan;19(1):49-58 (PMID: 29383056)
12. **Moreira ME**, Doty CI, Gallahue FE. We Need Our Village: CORD's Response to the ACGME's Common Program Requirements. *West J Emerg Med*. 2019;20(4):538-540 (PMID: 31316690)
13. Greenberger SM, Finnell JT II, Chang BP, Garg N, Quinn SM, Bird S, Diercks DB, Doty CI, Gallahue FE, **Moreira ME**, Ranney ML, Rives L, Kessler CS, Schmitz G. Changes to the ACGME Common Program Requirements and Their Potential Impact on Emergency Medicine Core Faculty Protected Time. *AEM Educ Train*. 2020 Jan 19;4(3):244-253 (PMID: 32704594)
14. Rustici MJ, **Moreira M**, Buchanan B, Rodrigues KK, Roosevelt GE. Educational Benefits of Allowing Pediatrician Supervision of EM Residents. *J Grad Med Educ*. 2020 Apr;12(2):185-192 (PMID: 32322352)
15. Buchanan J, Hagan P, McCormick T, Roosevelt G, Sungar WG, Angerhofer C, Byyny R, **Moreira M**. A Novel Approach to Neonatal Resuscitation Education for Senior Emergency Medicine Residents. *West J Emerg Med*. 2020 Nov 20;22(1):74-76 (PMID: 33439810)
16. Mendes M, Buchanan JA, Sande M, **Moreira ME**. An Easily Assembled, Low-Cost Model for Lateral Canthotomy Education. *J Emerg Med*. 2021 Feb 13;S0736-4679(21)00003-2. (PMID: 33593633)
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## NON-PEER REVIEWED PUBLICATIONS:

### TEXTBOOK CHAPTERS:

1. Shockley LW, **Moreira M**. Withdrawal, Drug. In Rosen P, Barkin RM, Hayden SR, Schaidler J, Wolfe R (eds): *Rosen & Barkin's Five Minute Emergency Medicine Consult*, 3<sup>rd</sup> Edition. Lippincott, Williams, and Wilkins, Philadelphia, 2006
2. Shockley LW, **Moreira M**. Sinusitis. In Rosen P, Barkin RM, Hayden SR, Schaidler J, Wolfe R (eds): *Rosen & Barkin's Five Minute Emergency Medicine Consult*, 3<sup>rd</sup> Edition. Philadelphia: Lippincott, Williams, and Wilkins, 2006
3. **Moreira ME**. Meningitis. In: Markovchick V, Pons P, editors. *Emergency Medicine Secrets*, 4<sup>th</sup> edition. Philadelphia: Mosby Elsevier 2006; pp. 150-155
4. **Moreira ME**. Anesthesia. In: Shockley L, Legome E (Eds.) *Trauma: A Comprehensive Emergency Medicine Approach*, 1<sup>st</sup> Ed. Cambridge University Press 2011; p. 551-573.



5. Markovchick V and **Moreira ME**. Wound Management and Wound Closure Techniques. In: Shockley L, Legome E (Eds). Trauma: A Comprehensive Emergency Medicine Approach., 1<sup>st</sup> Ed. Cambridge University Press 2011; p. 618 – 634.
6. Douglass E, **Moreira M**. Sinusitis. In Rosen P, Barkin RM, Hayden SR, Schaidler J, Wolfe R (eds): Rosen & Barkin's Five Minute Emergency Medicine Consult, 4<sup>th</sup> Edition. Lippincott Williams and Wilkins 2011, pp 1024-1025.
7. Talley B, **Moreira M**. Peritonsillar Abscess. In Rosen P, Barkin RM, Hayden SR, Schaidler J, Wolfe R (eds): Rosen & Barkin's Five Minute Emergency Medicine Consult, 4<sup>th</sup> Edition. Lippincott Williams and Wilkins 2011, pp. 842-843.
8. Vinton D, **Moreira M**. Retropharyngeal Abscess. In Rosen P, Barkin RM, Hayden SR, Schaidler J, Wolfe R (eds): Rosen & Barkin's Five Minute Emergency Medicine Consult, 4<sup>th</sup> Edition. Lippincott Williams and Wilkins 2011, pp. 970-971.
9. Markovchick V, **Moreira ME**. Wound Management. In: Markovchick V, Pons P, Bakes, K (eds). Emergency Medicine Secrets, 5<sup>th</sup> Edition. Philadelphia: Mosby Elsevier 2011, pp. 645 – 55.
10. **Moreira ME**. Meningitis. In: Markovchick V, Pons P, Bakes K (eds) Emergency Medicine Secrets, 5<sup>th</sup> Edition. Philadelphia: Mosby Elsevier 2011, pp. 163 - 168.
11. Vinton D, **Moreira M**. Large Group Presentation Skills and Presentation Tools. In Guth TA (ed) Resident as Educator, 1<sup>st</sup> Edition. Emergency Medicine Residents' Association 2013.
12. Kaplan B, **Moreira M**. Remediation. In Guth TA (ed) Resident as Educator, 1<sup>st</sup> Edition. Emergency Medicine Residents' Association 2013.
13. Siebe CA, **Moreira ME**. Sinusitis (Rhinosinusitis). In Rosen P, Barkin RM, Hayden SR, Schaidler J, Wolfe R (eds): Rosen & Barkin's Five Minute Emergency Medicine Consult, 5<sup>th</sup> Edition. Lippincott Williams and Wilkins 2013.
14. Adler E, **Moreira ME**. Peritonsillar Abscess. In Rosen P, Barkin RM, Hayden SR, Schaidler J, Wolfe R (eds): Rosen & Barkin's Five Minute Emergency Medicine Consult, 5<sup>th</sup> Edition. Lippincott Williams and Wilkins 2013.
15. Dhaliwal JS, **Moreira ME**. Retropharyngeal Abscess. In Rosen P, Barkin RM, Hayden SR, Schaidler J, Wolfe R (eds): Rosen & Barkin's Five Minute Emergency Medicine Consult, 5<sup>th</sup> Edition. Lippincott Williams and Wilkins 2013.
16. **Moreira ME**, Pons P. Peripheral Vascular Injuries. In Wolfson AB, Hendey GW, Ling LJ, Rosen CL, Schaidler JJ, Cloutier RL (eds): Harwood-Nuss' Clinical Practice of Emergency Medicine, 6<sup>th</sup> edition. Lippincott Williams and Wilkins 2015.
17. **Moreira ME**. Meningitis. In: Markovchick V, Pons P, Bakes K (eds) Emergency Medicine Secrets, 6<sup>th</sup> Edition. Philadelphia: Mosby Elsevier 2016
18. **Moreira ME**. Wound Management. In: Markovchick V, Pons P, Bakes, K (eds). Emergency Medicine Secrets, 6<sup>th</sup> Edition. Philadelphia: Mosby Elsevier 2016
19. **Moreira ME** and French AJ. Cases. In Moreira ME and French AJ (eds): Communication in Emergency Medicine. New York, NY: Oxford University Press 2019.
20. Camarena-Michel A, **Moreira ME**. Peritonsillar Abscess. In Rosen P, Barkin RM, Hayden SR, Schaidler J, Wolfe R (eds): Rosen & Barkin's Five Minute Emergency Medicine Consult, 6<sup>th</sup> Edition. Lippincott Williams and Wilkins 2020.

21. Tsahakis J, **Moreira ME**. Sinusitis (Rhinosinusitis). In Rosen P, Barkin RM, Hayden SR, Schaider J, Wolfe R (eds): Rosen & Barkin's Five Minute Emergency Medicine Consult, 6<sup>th</sup> Edition. Lippincott Williams and Wilkins 2020.
22. Berliner T, **Moreira ME**. Retropharyngeal Abscess. In Rosen P, Barkin RM, Hayden SR, Schaider J, Wolfe R (eds): Rosen & Barkin's Five Minute Emergency Medicine Consult, 6<sup>th</sup> Edition. Lippincott Williams and Wilkins 2020.
23. Andersen F, **Moreira ME**. Meningitis. In: Bakes K, Buchanan J, Byyny R, Moreira ME, Pons P (editors). Emergency Medicine Secrets, 7<sup>th</sup> edition. Philadelphia: Mosby Elsevier. 2021
24. Taha J, **Moreira ME**. Wound Management. In: Bakes K, Buchanan J, Byyny R, Moreira ME, Pons P (editors). Emergency Medicine Secrets, 7<sup>th</sup> edition. Philadelphia: Mosby Elsevier. 2021
25. Lindsay E, **Moreira ME**. Cervical Spine and Spinal Cord Trauma. In: Bakes K, Buchanan J, Byyny R, Moreira ME, Pons P (editors). Emergency Medicine Secrets, 7<sup>th</sup> edition. Philadelphia: Mosby Elsevier. 2021
26. **Moreira ME**. Peripheral Vascular Injuries. In Wolfson AB, Hendey GW, Ling LJ, Rosen CL, Schaider JJ, Cloutier RL (eds): Harwood-Nuss' Clinical Practice of Emergency Medicine, 7<sup>th</sup> edition. Philadelphia: Wolters Kluwer. 2022

## **BOOKS**

1. **Moreira ME** and French AJ, eds. (2019) Communication in Emergency Medicine. New York, NY: Oxford University Press.
2. Bakes KM, Buchanan JA, **Moreira ME**, Byyny R, Pons PT, eds. (2021) Emergency Medicine Secrets. Philadelphia, PA: Elsevier

## **EVIDENCE BASED MEDICINE REVIEW PUBLICATIONS:**

### **ELECTRONIC RESOURCES:**

1. Kendall JL and **Moreira ME**. Evaluation of the adult with abdominal pain in the emergency department. In: Hockberger RS editor. UpToDate October 2008 Updates: November 4, 2011; March 14, 2014; September 29, 2016; October 12, 2018; May 22, 2019; December 29, 2020
2. **Moreira ME**. Facial Trauma. In Mattu A, Herbert M, Swadron S (eds): EM Rap CorePendum. 2019
3. **Moreira ME**. Facial Trauma. In Mattu A, Herbert M, Swadron S (eds): EM Rap CorePendum. (Updated October 2022))
4. Joseph D and **Moreira ME**. Ear Trauma. In Mattu A, Herbert M, Swadron S (eds): EM Rap CorePendum. (October 2022)
5. Joseph D and **Moreira ME**. Eye Trauma. In Mattu A, Herbert M, Swadron S (eds): EM Rap CorePendum. (October 2022)
6. Joseph M and **Moreira ME**. Nasal Trauma. In Mattu A, Herbert M, Swadron S (eds): EM Rap CorePendum. (In process)
7. Joseph M and **Moreira ME**. MidFacial Trauma. In Mattu A, Herbert M, Swadron S (eds): EM Rap CorePendum. (November 2022)
8. **Moreira ME**. Mandibular Trauma. In Mattu A, Herbert M, Swadron S (eds): EM Rap CorePendum. (December 2022)

## **OTHER ON LINE PUBLICATIONS:**

### **ELECTRONIC RESOURCES:**

1. ALiEM Book Club/Beyond the ED – <https://www.aliem.com/2016/beyond-ed-bookclub-moreira/> (May 20, 2016)
2. EM Resident – Program Director Interview Series: Maria Moreira, MD/Denver Health – emresident.org (December 30, 2016) (Written by Erin Karl, MS III)
3. Meadows S, Briggs L, **Moreira M**. Initiating a CE Program: Strategies for Achieving Stakeholder Buy-In. Almanac (Alliance for Continuing Education in the Health Professions)(April 1, 2020)(almanac.acehp.org)
4. Case-based Questions for Abdominopelvic Module for PEERCert+, 2021

### **ABSTRACT PRESENTATIONS:**

1. **Moreira M**, Cairns C, et al. “Rapid Restoration of the Mitochondrial Energy Potential After AZT in Human Cells” – poster presentation by Dr. Moreira at The Western Regional Conference in Newport Beach, CA, March 2001
2. **Moreira M**, Cairns C, et al. “Cardiac Preconditioning via the Mitochondrial KATP Channel is Associated with Increased Mitochondrial Oxygen Consumption” – oral presentation by Dr. Moreira at SAEM in Atlanta, GA, May 2001 and at The Western Regional Conference in Newport Beach, CA, March 2001
3. **Moreira M**, Cairns C, et al. “Reduction in the Mitochondrial Energy Potential by Inhibition of Electron Transport in Human Vascular Smooth Muscle Cells” – oral presentation by Dr. Moreira at SAEM in Atlanta, GA, May 2001
4. **Moreira M**, Cairns C, et al. “Mitosis Utilizes the Mitochondrial Membrane Energy Potential in Human Vascular Smooth Muscle Cells” – poster presentation by Dr. Moreira at SAEM in St. Louis, MO, May 2002 (abstract)
5. **Moreira M**, Cairns C, et al. “Attenuation of Inflammation-induced Morphologic Changes and Apoptosis in Human Neutrophils by Albuterol is Isomerically Specific” – oral presentation by Dr. Moreira at SAEM in St. Louis, MO, May 2002 (abstract)
6. **Moreira M**, Cairns C, et al. “Hypertonic Saline Invokes Divergent Inflammatory Effects on Human Vascular Smooth Muscle” – oral presentation by Dr. Moreira at SAEM in Boston, MA, May 2003 and at The Second Mediterranean Emergency Medicine Congress in Barcelona, Spain, September 2003 (abstract)
7. **Moreira M**, McCubbin T, Yancey L, Feldhaus K. “Emergency Physician’s Knowledge, Beliefs, And Patient Interactions Regarding CAM” – poster presentation by Dr. Moreira at The Western Regional Conference in Phoenix, AZ, 2003.
8. Abbott J, Wolf SJ, **Moreira M**, Druck J. Ethics in Emergency Medicine – A Model Curriculum. Poster presentation by Dr. Moreira at the Council of Emergency Medicine Residency Directors Annual Meeting, Orlando, Florida, 2007.
9. **Moreira M**, Buchanan J, Heard K. “Retrospective Review of An Implemented Body Stuffer Protocol” – poster presentation by Dr. Moreira at ACEP in Chicago, IL, October 2008 (abstract)

10. Druck J, Anderson B, Blok B, **Moreira M**, Wolf SJ. Teaching Rotation: A novel approach to educational success in a high-volume environment. Teaching Innovations on Coping with Crowding, Academic Affairs Committee, American College of Emergency Physician Scientific Assembly, Chicago, Illinois, 2008 – oral presentation by Dr. Anderson (Abstract)
11. Sande MK, Broderick KB, **Moreira ME**, Bender B, Caruso EH, Buchanan JA. Impact of SANE (Sexual Assault Nurse Examiners) on the Emergency Medicine Residency Experience. Oral Presentation by Dr. Sande at the Western Regional SAEM Conference, Keystone, CO, February 2011 (abstract)
12. Sande MK, Broderick KB, **Moreira ME**, Bender B, Caruso EH, Buchanan JA. Impact of SANE (Sexual Assault Nurse Examiners) on the Emergency Medicine Residency Experience. Poster Presentation by Dr. Sande at the Council of Emergency Medicine Residency Directors Annual Meeting, San Diego, CA, March 2011 (abstract)
13. Rustici MJ, Wolf S, **Moreira M**, Brainard J. Suturing, LP's, and Intubation, Oh My: Procedural Skills Needs Assessment of Students Entering Pediatrics. Poster Presentation by Dr. Rustici at Council On Medical Student Education in Pediatrics (COMSEP) Annual Meeting in Indianapolis, Indiana, March 2012 (abstract)
14. Anderson BB, Foster C, Druck JP, **Moreira M**. Emergency Medicine Resident Applicant Views on Pre-Interview Events during the Residency Interview Process. Poster Presentation by Dr. Anderson at SAEM in Chicago, IL, May 2012 (abstract)
15. **Moreira M**, Sande M, Stevens A, Jones S, Blumen J, Bakes K, Haukoos J, Hernandez C. Color-coded, prefilled syringes corresponding to the Broselow Tape decreases time to administration of medication and medication error among emergency physicians and nurses in simulated critically-ill pediatric patients. Poster presented by Dr. Hernandez at AHA meeting November 2012. (abstract)
16. Reno E, Angerhofer C, **Moreira M**. Medical Students Perception of the Residency Interview Process. Poster Presentation by Dr. Elaine Reno at ACEP in Atlanta, GA, October 2013 (abstract)
17. Kaplan B, Byyny R, Guerrasio J, **Moreira M**. Development of an Emergency Medicine Individualized Education Program. Poster presented by Dr. Kaplan at 2<sup>nd</sup> Annual Educational Scholarship and Innovation Symposium, University of Colorado School of Medicine in Aurora, CO February 2014 (abstract)
18. Williamson K, **Moreira M**, Quattromani E. Systems-Based Practice and Practice-Based Learning Milestone-Based Remediation Toolbox. Poster presented by Kelly Williamson at the Council of Emergency Medicine Residency Directors Annual Meeting, Phoenix, AZ April 2015 (abstract)
19. Gesch J, Hern HG, Bowman S, Duong D, Gallahue F, **Moreira M**, Sawtelle S, Shoenberger J, Wills C. Emergency Medicine Intern Initial Self-Assessment of Preparation and Milestones. Poster presented by Julie Gesch at the Council of Emergency Medicine Residency Directors Annual Meeting, Ft. Lauderdale, FL, April 2017 (abstract)
20. Sungar G, Byyny R, **Moreira M**, McCormick T, Kaplan B, Buchanan J, Blok B, Angerhofer C, Baker B, Lawson C. Using a Novel Online Relational Database Tool to Track Attendance and Increase Didactic Evaluations in Graduate Medical Educa-

- tion. Poster to be presented by Gannon Sungar at the Council of Residency Directors in Emergency Medicine Annual Meeting, Seattle, WA, April 2019 (abstract)
21. Rustici M, **Moreira M**, Buchanan J, Rodrigues K, Roosevelt G. Integrating a Team-Based Model into an Emergency Medicine Residency for the Management of Pediatric Urgent Care Patients. Poster presented by Matt Rustici at the 7<sup>th</sup> Annual Education Scholarship and Innovation Symposium, Aurora, CO, May 13, 2019 (abstract)
  22. Buchanan JA, **Moreira M**, Byyny R. Individualized Attending Education Committee: An Approach to Supporting Faculty Educators. Presented by Jennie Buchanan at ACEP in Denver, CO, October 29, 2019 (abstract)
  23. **Moreira M**, Angerhofer C, Buchanan J, Sungar G, Byyny R. Does predicted ranking on SLOE correlate with final rank order list? Poster presented by Maria Moreira at CORD Academic Assembly, New York, NY, March 9, 2020. (abstract)
  24. Buchanan J, McCormick T, Roosevelt G, Sungar G, Angerhofer C, Byyny R, **Moreira M**. A Novel Approach to Neonatal Resuscitation Education for Senior Emergency Medicine Residents. Poster presented by Jennie Buchanan at CORD Academic Assembly, New York, NY, March 9, 2020. (abstract)
  25. Briggs L, Adler A, Doyle P, **Moreira M**. Promoting PPE Education Safely Through In-Person and Virtual Simulation in the Midst of a Pandemic. Poster presented by Lynne Briggs and Amy Adler at Virtual Education Scholarship and Innovation Symposium, Academy of Medical Educators, University of Colorado, Aurora, CO, March 4, 2021. (abstract)
  26. **Moreira M**, McCormick T, Buchanan J. Enhancing Resident Confidence, Knowledge, and Skills in Obstetrics and Neonatal Resuscitation Through Simulation. Poster presented by Maria Moreira at Virtual CORD Academic Assembly, April 12, 2021. (Poster)
  27. Trent S, **Moreira M**, Buchanan J, Sungar G, Angerhofer C, Byyny R. Use of EBEM to Drive Quality Improvement Resident Projects. Poster presented by Jennie Buchanan at Virtual CORD Academic Assembly, April 12, 2021 (Poster)
  28. McCormick T, **Moreira M**, Roosevelt G. A Pediatric Emergency Curriculum for Emergency Medicine Residents. Poster presented by Maria Moreira at Virtual CORD Academic Assembly, April 12, 2021. (Poster)
  29. **Moreira ME**, Richards D, Doyle P, Adler A, Werner N, Lawless R. Using Trauma Role Simulation Education To Decrease Chaos And Improve Wellbeing. Poster presented by Maria Moreira at the Harvard Macy Institute Scholar Program, May 13, 2021. (Poster)
  30. Sungar WG, McCormick T, King R, **Moreira M**, Kaplan B, Ward-Gaines JA. Match Success of an Underrepresented in Medicine Externship. Poster presented by Dr. Gannon Sungar at SAEM in May 2022. (Poster)
  31. Nolan R, Bustos E, Ponce J, McIlvain C, **Moreira M**, Montano M. Sub-Internship Simulation Curriculum to Enhance Medical Student Preparedness for Practice. Poster presented by Dr. Robert Nolan at CORD on March 22, 2023. (Poster)
  32. McIlvain C, Mowry C, **Moreira M**, Neumeier A, Kriss M. Gastroesophageal Balloon Tamponade Simulation-based Training in Emergency Medicine: Curricular

- Needs Assessment. Poster presented by Dr. Cody McIlvain at CORD on March 22, 2023. (Poster)
33. Mowry C, Kriss M, McIlvain C, Moreira M, Neumeier A. Gastroesophageal Balloon Tamponade Simulation-based Training: An Unmet Curricular Need Across Specialties. Poster presented by Dr. Christopher Mowry at the University of Colorado Academy of Medical Educators Education Symposium on 4/25/2023 and 4/26/2023.
  34. Mowry C, Kriss M, McIlvain C, Moreira M, Neumeier A. Gastroesophageal Balloon Tamponade Simulation-based Training: An Unmet Curricular Need Across Specialties. Poster presented by Dr. Christopher Mowry at ATS International Conference on 5/22/2023. (Poster)

**OTHER TEACHING MATERIALS or NON-PEER REVIEWED PUBLICATIONS:**

1. Conference Attendance Policy for Denver Health Residency in Emergency Medicine (6/17/2008)
2. Stuffer Protocol for Denver Health & Hospital Authority (3/2009)
3. Trauma in the Intoxicated Patient Teaching Module for Denver Health & Hospital Authority
4. Discharge Instruction Revision for Denver Health & Hospital Authority
5. Maternity Leave Agreement for Denver Health Residency in Emergency Medicine (2011)
6. Moreira ME. Deliberate Practice for DHREM BEAT Volume 3, Issue 1 Fall 2011
7. Lateral Canthotomy Model using eggs (First used March 28, 2011)(2011 – Present)
8. Transvenous Pacing Model using balloons (First used April 17, 2011)(2011 – Present)
9. Wolf SJ, **Moreira ME**, Buchanan J, et al. Sexual Assault Training in Emergency Medicine Residencies: A Gap Analysis and Curricular Recommendations. Academic Affairs Committee Annual Report, American College of Emergency Physicians, 2012.
10. Moreira ME. Philosophy of Training for DHREM BEAT Volume 4, Issue 1 Fall 2012
11. Wolf SJ and Moreira ME. DHREM: 40 Years of History. EPIC, Colorado Chapter of American College of Emergency Physicians, November 2012.
12. ACGME Duty Hour Standards Perspectives and Recommendations from the Specialty of Emergency Medicine – ACEP’s formal position on current ACGME resident Duty Hour Requirements Subcommittee on Duty Hours Position Paper (August 2016)
13. CORD’s formal position on current ACGME resident Duty Hour Requirements Letter to the ACGME in response to their request – Working Group on Duty Hours Position (August 2016)
14. Communication in Emergency Medicine Book Proposal Co-authored with Dr. Andy French for Oxford University Press (Proposal approved December 2016)

- 15.** ACGME Innovation – Integrating a Team Based Model into an Emergency Medicine Residency for the Management of Pediatric Urgent Care Patients. Co-authors: Jennie Buchanan MD, Genie Roosevelt MD, Matthew Rustici MD, Kristi Rodrigues MD (Approved July 2017)
- 16.** Developing a Comprehensive Global and Individualized Curriculum to Promote Physician Wellness and Decrease Burnout – Letter of Intent from Grant Working group (CORD, ACEP, EMRA, RSA members) (Submitted February 2019)
- 17.** OB Pearls – Laminated cards with OB Pearls given to Emergency Medicine Senior (2023)
- 18.** Occult PTX Algorithm for treatment of patients in the ED with occult PTX (went into effect in 2023)
- 19.** Personal Protective Equipment (PPE) Training Powerpoint created to be used for FACES training