

# Jacob Altholz, MD

901 Rancho Lane, Suite 135 Las Vegas, NV 89106 | jacob.altholz.md@gmail.com

## EDUCATION

*Kirk Kerkorian School of Medicine at University of Las Vegas/Nellis Air Force Base, Mike O'Callaghan Military Medical Center* 2021 – Present  
**Resident in Emergency Medicine**  
Class of 2024

*F. Edward Hébert School of Medicine* 2017 – 2021  
*Uniformed Services University*  
**Doctor of Medicine (M.D.)**  
Class of 2021

*George Mason University/Hong Kong University* 2016  
**Study Abroad** via The Fund for American Studies  
Asia Institute for Political Economy

*University of Colorado, Denver/Anschutz* 2012 – 2017  
**Bachelor of Science (B.S.)**, Bioengineering with Honors/University Honors  
Minors: Economics/Multi-Disciplinary Research Methods

## AWARDS

Uniformed Services University of the Health Sciences  
Humanitarian Service Ribbon May 2021  
Association of Military Surgeons of the United States (AMSUS) Award May 2021  
ACEP Medical Student Professionalism and Service Award May 2021  
USUHS Medal of Achievement Feb 2020  
Golden Humanism Honor Society Inductee Feb 2020

University of Colorado, Denver  
Undergraduate Peer Leader of the Year, Department of Bioengineering May 2017  
Bioengineering Undergraduate of the Year May 2017  
Achievement Rewards of College Scientists (ARCS) Scholar Fall 2014 – Spring 2017  
Virginia T. Schuman Scholar Fall 2014 – Spring 2017

## PROFESSIONAL DEVELOPMENT

*Emergency Medicine Residents' Association (EMRA)/American College of Emergency Physicians (ACEP)*  
EMRA and ACEP Health Policy Academy Jan 2022 – Present

### Health Policy Fellow

Engage in numerous activities in both EMRA and ACEP to include monthly sessions including education on health policy/procedures and the creation therein, authoring a chapter in the EMRA Health Policy Handbook, and participating in various levels of EMRA policy activities to include Reference Committees and Board Resolution Submissions.

## PROFESSIONAL SERVICE

### *National*

#### *American Medical Association (AMA)*

Residents and Fellow Section (RFS)

Jun 2022

#### **Rules Committee Member**

Member of the committee that reviews late Resolutions, reviews relevance and bylaws of the House of Delegates, and submits a recommendation on whether to accept the Resolution as a valid submission for review.

#### *Emergency Medicine Residents' Association (EMRA)*

EMRA Representative Council

Mar 2022

#### **Reference Committee Chair**

Chair of the committee that reviews submitted Resolutions, collects testimony, and collates/submits a formal report on recommendations for each policy for the Council to vote on. Spokesperson available during the Council for clarification.

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

Nevada ACEP Board of Directors (NVACEP)

Jan 2022 – Present

#### **Resident Member**

Represent residents to NVACEP to the board, represent Nevada nationally to include meeting with Congressional offices at the Leadership and Advocacy Conference, and to produce newsletters updating NVACEP membership on recent news and events.

Government Services Chapter Newsletter Committee

May 2021 – Present

#### **Committee Member**

Collect, write, and prepare content for the GSACEP seasonal newsletter to all members.

#### *Association of American Medical Colleges (AAMC)*

Organization of Student Representatives (OSR)

#### **Northeastern Regional Chair**

May 2020 – Nov 2020

#### **National Delegate for Medical Education**

Nov 2018 – Nov 2020

M3/M4 COVID Work Group

#### **Member**

Apr 2020 – Nov 2020

Group on Educational Affairs (GEA) Undergraduate Medical Education (UME)

Steering Committee Member

#### **Member**

Mar 2019 – Nov 2020

### *Local*

#### *Kirk Kerkorian School of Medicine at the University of Las Vegas*

Golden Humanism Honor Society

Fall 2021 – Present

#### **Resident Member**

First active resident member. Leading the development of a Resident Chapter and advising the student members in tandem with the Faculty Sponsors.

**PROFESSIONAL SERVICE (cont.)***Uniformed Services University*

Executive Curriculum Committee

**Student Member**

May 2020 – May 2021

Student Advisory Committee

**Member**

Oct 2017 – May 2021

Student Government

**Academic Representative**

Oct 2017 – May 2021

Pre-Clerkship Curriculum Committee

**Member**

Oct 2017 – Dec 2018

*University of Colorado, Denver/Anschutz*

ABED Accreditation Committee

**Alumni Member**

Fall 2017 – Present

Engineering accreditation committee of all stakeholder groups.

**SELECTED RESEARCH EXPERIENCE***Uniformed Services University*

Long-Term Career Outcomes Study

Fall 2018 – Fall 2020

**Research Assistant**

Organized and conducted research relating to the long-term trajectory of medical students from the military medical school in Bethesda, MD; specifically researched the concept of grit within medical students including longitudinal measurement among four classes and statistical analysis therein.

- Research Published

*University of Colorado, Denver/Anschutz*

Department of Cardiothoracic Surgery

Aug 2015 – May 2017

**Research Assistant – Hunter Lab**

Investigating Biomechanics of Human and Animal Vasculature

Department of Bioengineering

Jan 2016 – May 2017

**Lab Manager/Junior & Senior Design**

Development of an Open-Source 3D Printer

Senior Engineering Project: "3D Printing of Cell-laden Cross-linked Collagen Scaffolds"

Department of Bioengineering

Mar 2014 – Dec 2015

**Research Assistant – Weir Lab**

Researched and designed improvements upon upper-extremity robotic prostheses via rapid prototyping; utilized 3D printing in plastic and various metals to assess these designs.

- Research Published

## CONFERENCE PRESENTATIONS/POSTERS

### National

1. **Altholz J.** *Learners Leading Learners: The Student Programming Showcase.* Session Presentation Accepted at Learn, Serve, Lead: The AAMC Annual Meeting. Washington D.C. Nov 2020. (Conference held virtually; session cancelled.)
2. Mason HRC, **Altholz J**, Buchanan A, Casillas A, Coplit L, Nguyen M, Sapp V, Uchida T. *Promoting first generation college graduate success in medical school: An online toolkit of resources.* Session Presentation Accepted at Learn, Serve, Lead: The AAMC Annual Meeting. Washington D.C. Nov 2020. (Conference held virtually; session changed to poster.)
3. **Altholz J**, Barron T, Charny G. *Constipation as a Chief Complaint for Primary Myelofibrosis in a Young, Active-Duty Patient.* Poster Presentation Accepted at the Joint Services Symposium on Emergency Medicine. San Antonio, TX. Sep 2020. (Conference moved to virtual format.)
4. Uchida T, Sapp VT, Nguyen M, Mason HRC, Coplit L, Casillas A, Buchanan A, **Altholz J.** *Promoting first generation college graduate success in medical school: An online toolkit of resources.* Workshop Presentation Accepted for International Association of Medical Science Educators Annual Meeting. Denver, CO. Jun 2020. (Conference canceled; poster presented online.)
5. Mason HRC, Nguyen M, **Altholz J**, Casillas A, Buchanan A, Coplit L, Sapp V, Uchida T. *Promoting first generation college graduate success in medical school: An online toolkit of resources.* Workshop Poster Accepted for AAMC: Group on Diversity and Inclusion Professional Development Conference. Miami, FL. May 2020. (Conference canceled.)
6. Ursua F, **Altholz J**, Durning S, Torre D, Dong T. *Once in the Door, Grit May Matter More: An Evaluation of Grit in Medical Students.* Paper Presentation at the American Educational Research Association Annual Meeting. San Francisco, CA. Apr 2020. (Conference canceled.)
7. Mason H, **Altholz J**, Buchanan A, Casillas A, Coplit L, Nguyen M, Sapp V, Uchida T. *Promoting first generation college graduate success in medical school: An online toolkit of resources.* Workshop Poster Accepted for AAMC: GSA/CiM/OSR Professional Development Conference. Chicago, IL. Mar 2020. (Conference canceled.)
8. **Altholz J.** *Learners Leading Learners: The Student Programming Showcase.* Session Presentation at Learn, Serve, Lead: The AAMC Annual Meeting. Phoenix, AZ. Nov 2019.
9. **Altholz J**, Naha U, Witt A. (All presenters contributed equally.) *Transition to Residency: Director's Perspective.* Workshop Presentation at Learn, Serve, Lead: The AAMC Annual Meeting. Nov 2019.
10. **Altholz J**, Meyer E, Meyer H. *"Racking and Stacking Course Evaluations: An easy-to-use collaborative approach that hones in on student consensus."* Poster Presentation at Learn, Serve, Lead: The AAMC Annual Meeting. Austin, TX. Nov 2018.
11. *Liberty and Equality Seminar.* Invited Participant. Socratic conference which invited and financially supported previous TFAS participants to Washington D.C. Feb 2017.

### Regional

1. Mason HRC, **Altholz J**, Coplit L, Nguyen M, Sapp VT. *Promoting first generation college graduate success in medical school: An online toolkit of resources.* Workshop Presentation Accepted for AAMC: Northeast Group on Educational Affairs Conference. Burlington, VT. Apr 2020. (Conference canceled.)
2. **Altholz J**, Meyer E, Meyer H. *Racking and Stacking Course Evaluations: An easy-to-use collaborative approach that hones in on student consensus.* Poster Presentation at AAMC NEGSA/NEOSR Regional Conference. Boston, MA. Apr 2019.

### Local

1. **Altholz J.** *How distance modulates the effect of noise on letter recognition.* Presentation at the Symposium of the Summer Undergraduate Research Program of the Center for Neural Science. New York City, NY. Jul 2015.

2. **Altholz J**, Blauch N. *Using noise to study letter identification: Evidence for four types of spatial interaction*. Poster Presentation at NYU Diversity Conference. New York City, NY. 2015.
3. **Altholz J**, Huddle S, Weir R. *Development of a Clutch Mechanism to Combat Prosthetic Backdrivability*. Poster Presentation at CU Denver: Research and Creative Activities Symposium. Denver, Colorado. Apr 2015.

## PUBLICATIONS AND PAPERS

1. Coplit L, **Altholz J**. (2020) Learning Environment Resources within First-Generation College Graduates in Medical School Toolkit of Resources for Medical Schools. *Association of American Medical Colleges*. Student Link: <https://www.aamc.org/professional-development/affinity-groups/gea/first-generation-students> Advisor Link: <https://www.aamc.org/professional-development/affinity-groups/gea/advisors-first-generation-medical-school-students>
2. **Altholz J**. (2020) Novel: A Short Story. *Progress Notes*. <http://progressnotesjournal.wixsite.com/home>
3. Ursua, F, **Altholz J**, Durning SJ, Torre D, Schreiber-Gregory D, Dong T. (2020). Once in the Door, Grit May Matter More: An Evaluation of Grit in Medical Students. *Military Medicine*. <https://doi.org/10.1093/milmed/usaa297>
4. Chan A, **Altholz J**, Weir R, Davidson M. (2020). A Novel Nickel-Titanium Actuator in a Prosthetic Motor Clutch. Accepted to *Journal of Young Investigators*, 38(3), 18-23. <https://doi.org/10.22186/jyi.38.3.18-23>

## TRAININGS/CERTIFICATIONS

Basic Life Support (BLS) – exp. May 2023  
 Advanced Life Support (ALS) – exp. May 2023  
 Advanced Trauma Life Support (ATLS) – exp. Mar 2024  
 Aerospace Medicine Primary Course 101 – Jun 2018  
 Healer's Art – Spring 2018  
 Commissioned Officer Training – Jul 2017

## SELECTED COMMUNITY SERVICE

Event Medicine	Oct 2018 - Present
<b>Medical Tent Volunteer</b>	
Volunteer to staff medical tents at many events to include the Electric Daisy Carnival (EDC), football games at Allegiant Stadium, hockey games at T-Mobile stadium, the Army Ten Miler, and Marine Corps Marathon.	
Transgender Medical School Curriculum	Feb 2020
<b>Peer Small Group Facilitator</b>	
Facilitated a 6-student didactic session focused on educating learners about transgender medical care and transgender policies within the military.	
Parker Adventist Hospital	
<b>Emergency Department Volunteer</b>	Nov 2015 – May 2017
Volunteered 4-8hrs per week focused on patient-comfort in a Level II Emergency Department; restocked rooms, interacted with patients and families; helped coordinate care between hospital departments including radiology, chaplaincy, and medical wards.	