

Current Position

Fellow
Division of Cardiology, Department of Medicine
University of Washington
Seattle, WA

Medical Licensure

Issuing State: Washington
Type: Physician and Surgeon
License number: MD61041247
Expiration: 02/26/2021

Issuing State: California
Type: Physician and Surgeon
License number: A158345
Expiration: 09/30/2020

Education

2020 –	Fellowship in Cardiovascular Diseases, University of Washington, Seattle, Washington
2017 – 2020	Residency in Internal Medicine, UCSF, San Francisco, California
2013 – 2017	M.D., University of New Mexico, Albuquerque, New Mexico
2009 – 2013	B.S. in Biochemistry and Biology, New Mexico State University, Las Cruces, New Mexico

Honors and Awards

2018	Nominee, <i>Julius R. Krevans Award</i> , Zuckerberg San Francisco General Hospital
2017	<i>Gold-Headed Cane</i> , University of New Mexico <i>Alumni Award for Leadership</i> , University of New Mexico
2016	Alpha Omega Alpha <i>Internal Medicine Clerkship Award</i> , University of New Mexico
2014	<i>Phase-I Honors</i> , University of New Mexico

Committee Assignments and Administrative Services

2016 – 2017	LCME 2018 Independent Student Analysis, University of New Mexico
2014 – 2016	Committee on Student Promotions and Evaluation, University of New Mexico
2015	Phase-I Remediation Literature Review Working Group, University of New Mexico

Publications

2020	Mayfield JJ , Goldschlager N. Evolution of acute ST-segment elevation myocardial infarction in a patient with ventricular preexcitation. <i>J Electrocardiol.</i> 2020;60:188-191. doi:10.1016/j.jelectrocard.2020.04.025
	Mayfield JJ , Goldschlager N. An Unusual Electrocardiogram Following Pacemaker Implantation. <i>JAMA Cardiology.</i> Published online June 03, 2020. doi:10.1001/jamacardio.2020.1061
	Bird CW, Barber MJ, Martin J, Mayfield JJ , Valenzuela CF. The Mouse-Equivalent of the Human BDNF val66met Polymorphism Increases Dorsal Hippocampal Volume and Does Not Interact with Developmental Ethanol Exposure. <i>Alcohol.</i> Published online March 27, 2020. doi: 10.1016/j.alcohol.2020.03.005

- Mayfield JJ**, Goldschlager N. Alternating QRS Complex Morphology in a Man Presenting with Stroke. *JAMA Intern Med*. Published online March 23, 2020. doi:10.1001/jamainternmed.2020.0463
- Mayfield JJ**, Papolos A, Vasti E, De Marco T, Tison GH. Decreased pulmonary arterial capacitance predicts poor outcomes in patients with pulmonary hypertension independent of race/ethnicity, sex, and etiology. *Respiratory Medicine*. 2020; 163 (105891) doi: 10.1016/j.rmed.2020.105891
- 2019 **Mayfield JJ**, Goldschlager N. A Highly Sensitive Rhythm. *Circulation*. 2019; 140, 700–704. doi: 10.1161/CIRCULATIONAHA.119.042305
- Mayfield JJ**, Goldschlager N. Woman with Sharp Chest Discomfort. *Ann Emerg Med*. 2019; 74 (6), 777-781. doi: 10.1016/j.annemergmed.2019.04.017
- de Kouchkovsky I, **Mayfield J**, Kohlwes J. Letter: Hypertension in Young Adults and Subsequent Cardiovascular Disease. *JAMA*. 2019;321(13):1310. doi:10.1001/jama.2019.0061.
- 2018 Bird CW, Baculis BC, **Mayfield JJ**, et al. The brain-derived neurotrophic factor VAL68MET polymorphism modulates how developmental ethanol exposure impacts the hippocampus. *Genes Brain Behav*. 2018:e12484. doi:10.1111/gbb.12484.
- 2017 **Mayfield J**, Ball E, Tillery K, et al. Beyond Men, Women, or Both: A Comprehensive, LGBTQ-Inclusive, Implicit-Bias-Aware, Standardized-Patient-Based Sexual History Taking Curriculum. *MedEdPORTAL Publications* 2017;13. doi:10.15766/mep_2374-8265.10634.
- Mayfield J**, Fancovic E. Review: Lesbian, gay, bisexual, and transgender healthcare: A clinical guide to preventive, primary, and specialist care. *J. Homosex*. 2017;64(10):1461-1464. doi:10.1080/00918369.2017.1321392.
- 2016 Welch JH, **Mayfield JJ**, Leibowitz AL, Baculis BC, Valenzuela CF. Third trimester-equivalent ethanol exposure causes micro-hemorrhages in the rat brain. *Neuroscience* 2016;324:107-118. doi:10.1016/j.neuroscience.2016.03.004.

Abstracts and Presentations

National/International Meetings

- 2020 **Mayfield JJ**, Wojciak J, Downs N, Scheinman M, Abraham MR. (May 2020) *Arrhythmogenic Cardiomyopathy Misdiagnosed as Myocarditis*. Poster presented at: Heart Rhythm Society Scientific Sessions; San Diego, CA, USA (in-person conference canceled due to COVID-19; digital presentation available at https://1drv.ms/v/s!AuPmNO4yFizAs2C3adS9S74_Gzzo?e=TtqQD1)
- Vasti E, Papolos A, Kolaitis NA, **Mayfield J**, Tison GH, De Marco T. (April 2020) *Methamphetamine-Associated Pulmonary Arterial Hypertension: Worse hemodynamics and right ventricular dysfunction at diagnosis*. Poster presented at: ISHLT 40th Anniversary Meeting and Scientific Sessions; Montréal, Canada (in-person conference canceled due to COVID-19)
- 2017 **Mayfield JJ**, Tillery KA, Crandall CS. (April 2017) *Implementing LGBTQ curricular change: A trainee-driven, interdisciplinary approach*. Poster presented at: Building the Next Generation of Academic Physicians 2017 LGBT Health Workforce Conference; New York City, NY, USA
- 2015 Welch J, **Mayfield J**, Valenzuela F. (October 2015) *Third trimester-equivalent ethanol exposure causes micro-bleeds in the rat cerebral cortex*. Poster presented at: Neuroscience 2015; Chicago, IL, USA.
- 2013 Castillo M, Wimbley AM, **Mayfield JJ**, Lascano JC, Houston KD. (April 2013). *Activation of G-protein coupled estrogen receptor (GPER) inhibits ELT-3 uterine leiomyoma cell proliferation*. Poster presented at: American Association for Cancer Research 104th Annual Meeting; Washington, DC, USA.

Local/Regional Meetings

- 2019 | **Mayfield JJ**, Papolos A, Vasti E, Tison G, De Marco T. (May 2019). *Decreased pulmonary arterial capacitance predicts poor outcomes in patients with pulmonary hypertension independent of racial identity and etiology*. Presentation at: Floyd Rector UCSF Internal Medicine Resident Scholarship Symposium; San Francisco, CA, USA.
- Murphy K, Rutherford A, Kang K, **Mayfield JJ**, DeBolt C, Ricceri S, Malla E, Aljundi O, Hunt L, Hildebrand C. (May 2019). *Implementing the Life Sustaining Treatment Initiative in Primary Care for Veterans*. Presentation at: San Francisco Veterans Affairs Medical Center Education Day; San Francisco, CA, USA.
- 2018 | Crandall CS, Bosshardt ZJ, Winer JM, Tillery KA, **Mayfield JJ**. (April 2018). *Applicant self-disclosure of LGBTQ status on health profession school applications*. Presentation at: New Mexico Public Health Association Annual Conference; Albuquerque, NM, USA.
- 2016 | **Mayfield J**, Aghdassi A, Yatskowitz J. (November 2016). *Neurogenic stress cardiomyopathy: The not-so-broken heart syndrome*. Poster presented at: ACP New Mexico Chapter Scientific Meeting-Resident and Student Poster Competition; Albuquerque, NM, USA.
- Mayfield J**, De May H, Nañez AI, Tillery KA, Winer JM, Ball EM, Rogers J, Fancovic ER, Crandall CS. (October 2016). *Lesbian, Gay, Bisexual, Transgender, and Queer (LGBTQ) Healthcare in Undergraduate Medical Education: Assessment and Focused Intervention for Medical Students Transitioning to the Wards*. Poster presented at: Society of General Internal Medicine Mountain West Regional Meeting; Phoenix, AZ, USA.
- 2015 | **Mayfield J**, Maestas T, Snyder E, Orellana CP, Achrekar A. (November 2015). *Topical benzocaine-induced methemoglobinemia*. Poster presented at: ACP New Mexico Chapter Scientific Meeting-Resident and Student Poster Competition; Albuquerque, NM, USA.
- Welch J, **Mayfield J**, Valenzuela F. (March 2015). *Alcohol Exposure during the Equivalent to the Last Trimester of Human Pregnancy Causes Micro-Bleeds in the Rat Cerebral Cortex*. Poster presented at: University of New Mexico Neuroscience Day; Albuquerque, NM, USA.

Invited Talks

- 2020 | **Mayfield JJ**, Abraham MR. (February 2020). *Characterizing a New Genetic Cardiomyopathy Phenotype*. Grand Rounds presented at: San Francisco VA Medical Center; San Francisco, CA.
- 2017 | Tillery K, Dollan E, **Mayfield J**. (January 2017). *Update on LGBTQ Curricular Interventions: Successes and Ongoing Efforts*. Oral Presentation presented at: University of New Mexico School of Medicine Curriculum Committee Meeting; Albuquerque, NM, USA.
- 2015 | **Mayfield J**, Rodgers J. (March 2015). *Assessment of Clinical Skills and Cultural Fluency Related to Caring for the LGBTQ Community and Proposed Curricular Interventions*. Oral Presentation presented at: University of New Mexico School of Medicine Curriculum Committee Meeting; Albuquerque, NM, USA.
- Mayfield J**, Rodgers J. (March 2015). *Assessment of Clinical Skills and Cultural Fluency Related to Caring for the LGBTQ Community and Proposed Curricular Interventions*. Oral Presentation presented at: UNM College of Nursing Faculty Meeting; Albuquerque, NM, USA.

Peer-Reviewer Assignments

- 2018 | *PLOS One*, ad hoc reviewer

Educational and Academic Activities

Formal Teaching

2019	Facilitator, Cardiomyopathy and Arrhythmia small-group simulation session, UCSF <ul style="list-style-type: none">School of Medicine course IDS 113D: Foundational Sciences in Foundations 2Facilitated simulation session in foundational diagnostic and management skills in heart failure and arrhythmia management.
2017	Facilitator, Hypertension Management, UNM <ul style="list-style-type: none">School of Medicine Phase I: Cardiovascular, Pulmonary and Renal BlockCo-facilitated this two-hour, small-group, case-based learning exercise. Facilitator, Clinically Oriented Ethics, UNM <ul style="list-style-type: none">School of Medicine Phase II: Transitions BlockCo-facilitated four two-hour, small group, case-based ethics sessions for second-year medical students during their transition to the clinical clerkships.
2016	Facilitator, Clinical Reasoning II, UNM <ul style="list-style-type: none">School of Medicine Phase IEngaged with first-year medical students as a small-group facilitator in an online collaborative environment and in 10 in-person sessions during this semester-long course designed to cultivate development of diagnostic skills. Facilitator, Doctoring IV: Approach to Ethical Dilemmas, UNM <ul style="list-style-type: none">School of Medicine, Phase IGuest facilitated a small-group session with second-year medical students discussing ethical theory and applications in clinical medicine.

Curriculum Development

2016 – 2017	Session co-developer, <i>Beyond men, women, or both: A comprehensive, LGBTQ-inclusive, implicit-bias-aware standardized-patient-based sexual history taking curriculum</i> , University of New Mexico <ul style="list-style-type: none">School of Medicine Phase II: Doctoring VIWrote, edited, and assessed this redesigned sexual history taking curriculumResulted in publication in peer-reviewed journal
2016	Developer, <i>An introduction to caring for LGBTQ patients</i> , UNM <ul style="list-style-type: none">School of Medicine Phase II: TransitionsDeveloped and co-presented with three classmates a one-hour introduction to LGBTQ patients for UNM medical students transitioning from the preclinical years to the wards

Academic Service

2017 – 2019	Underrepresented in Medicine Applicant Outreach, UCSF <ul style="list-style-type: none">Residency Diversity CommitteeActive in-person and email outreach to residency applicants from groups traditionally underrepresented in medicine
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Selected Volunteer Activities

2016 – 2019	Application Developer, New Mexico Prescription Trails, prescriptiontrails.org
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Prescription Trails is a program designed to give patients and health care professionals tools to increase walking and wheelchair rolling on verified routes, promoting healthy lifestyles for individuals and families.

- Designed and programmed a new Prescription Trails web application with PHP (Hypertext Preprocessor), MySQL, JavaScript, and HTML/CSS.
- Code was written to accept and generate user information, adapt to changing needs, generate new trail entries from administrator input, and convert Prescription Trails data into various machine-readable formats.
- Programmed additional modules to provide an application program interface (API) to allow future Prescription Trails developers to interface with the new database enabling mobile device applications and other projects.

2014 – 2017	Cofounder, UNM LGBTQ Curriculum Working <ul style="list-style-type: none">• Developed a new standardized-patient-based sexual history-taking curriculum currently being deployed in MS2 and MS3• Implemented new consultation group as a resource for block chairs and clerkship directors interested in expanding LGBTQ curriculum
2014 – 2015	Founder & technical coordinator, UNM Premedical LGBTQ Mentorship Project <ul style="list-style-type: none">• Developed online application system• Coordinated and coauthored guide for mentors
2013 – 2017	Student provider, AOC Interdisciplinary Homeless Clinic