Shadowing Opportunities:

- MD: Karl Larsen, MD; CO Center for Orthopedic Excellence 719-623-1051 Megan Hiles, MD; Internist Kaiser Permanente; <u>megan.d.hiles@kp.org</u> Frederick Mechanik, DPM; Evans Army Community Hospital; <u>frederick.s.mechanik.civ@mail.mil</u>
- DO: Scott Ross, DO; Springs Rehabilitation; 719-6347346 Gina Bamberger, DO; CO Health Medical Group-Primary Care 719-365-7100; gina.bamberger@uchealth.org
- Dent.: Winston White, DDS; Dentist; 719-471-1900 Emily Batson, DDS; Dentistry and Prosthodontics; 719-599-0670; <u>drbatson@pickledental.com</u>; <u>www.pickledental.com</u> Karl Pennau, DDS; Oral Surgery Associates of COS; 719-473-2650; www.oralsurgerycolorado.com
- PT: Patrick Quirk, PT; Director Therapy Operations Encompass Health Rehabilitation Hospital; 719-630-8000 ext.2468; <u>Patrick.quirk@healthsouth.com</u>
- Vet: Cornelius Vanderwel, DVM; Fillmore Veterinary Clinic; 719-667-5256; <u>drv@fillmorevet.com</u> Conor Blanchet, CSU Vet Student; 717-860-1929; <u>conor.blanchet@gmail.com</u>
- ND: Naturopathic Medicine; Springs Naturopathic Medicine; 719-685-2500; www.springsnaturalmedicine.com
- NP: Rhonda Heschel, NP; Mountainview Medical Group; <u>Rhonda.heschel@gmail.com</u>

Jonathan Holdorf, MD Pronouns: He / Him / His Assistant Professor of Medicine Division of Pulmonary, Allergy and Critical Care UMass Memorial Medical Center and UMass Medical School 55 Lake Ave. North; Worcester, MA Office: 508-856-1975 Fax: 774-442-3999 Mobile: 978-505-9441 Email: jonathan.holdorf2@umassmemorial.org

Virtual Shadowing

In the best of times, finding a shadowing opportunity can be challenging. During a pandemic, it can be nearly impossible. To protect you, everyone around you, and society in general, virtual shadowing is now being considered by a variety of health professional admissions officers; however, applicants need to make sure that they are exhausting all of the options available to them. **Your commitment to medicine must be demonstrated in a variety of ways** – especially, during a pandemic when your involvement could make a huge difference. For this reason, the National Association of Advisors to the Health Professions has put together a list of "NAAHP Prehealth Opportunities During the Pandemic Ideas Summary." You can find it here: https://docs.google.com/document/d/e/2PACX-

1vSZEMI_w2jDK5oH_nxnODReCJE_3G6ADLWK-nFGdLsctv_3e9lfdlwMGi2mv_I9H9j8dnFkjPtJdJpH/pub. A good introduction to Virtual Shadowing can be found here: https://paeaonline.org/virtual-shadowinghelping-students-prepare-for-pa-school-applications-during-covid-19/

A common way many students find shadowing is through networking. Asking family, friends, your own personal health professional, or family members' providers, can be a way to start. Many students also cold call about shadowing or mentoring.

Check **professional associations** who may have an online directory of members:

- • Predental only https://www.asdanet.org/index/get-into-dental-school/before-youapply/predental-shadowing-guide There may be a membership fee.
- • Physician Assistant Shadowing: http://pashadowonline.com/
- • Podiatric Medicine: Contact Daniel Taubman, Career Promotion Coordinator at the AACPM, at dtaubman@AACPM.org.

Look into summer shadowing programs such as:

U. of Colorado, Virtual Shadowing, Nano Course in Emergency Medicine https://www.coloradowm.org/courses/pre-med/virtual-shadowing-nano-course-emergency-medicine/

- Lenox Hill's BRAINterns. Watch a video on the program here:
- https://www.youtube.com/channel/UCUCAVzKkJ1ecHX9cxALDryA/about

• Penn/Princeton Healthcare internships: https://www.princetonhcs.org/volunteer/pre-health-professional-program

RWJ Summer Clinical Internship Program:

https://rwjms.rutgers.edu/education/medical_education/programs-prior-to-medical-school/programs-for-undergraduate-students/summer-clinical-internship-program

- Summer Health Professions Education Program (SHPEP) http://www.shpep.org/
- Memorial Sloan Kettering's COOL Program https://www.mskcc.org/about/leadership/office-
- faculty-development/student-programs
- Overlook Hospital Summer program in Summit https://www.atlantichealth.org/professionals-medical-education/internship-programs/overlook-summer-internship-program.html

- St. Barnabas Medical Center programs: http://www.sbhny.org/volunteering/
- Georgetown's ARCHES program:
- https://som.georgetown.edu/diversityandinclusion/guarches/archesoverview/
- Trinitas Medical Center programs: https://trinitasrmc.org/collegiate_mentoring_program.htm

Information and applications to these and many more programs usually become available in the winter and a more comprehensive list is provided by the HPO around December.

Scribing is another way students gain clinical experience. As a paid part of the health care team you get to observe medicine in practice and gain knowledge of procedure, terminology, charting, and insurance. Check out listings on Indeed.com: https://www.indeed.com

Envision scribe services: https://www.envisionphysicianservices.com/scribes

Scribe America: https://www.scribeamerica.com/

Other Online Virtual Shadowing Programs include:

Caveat: The Advising Hub HPA does not endorse any of the listings above or below this disclaimer. https://www.VirtualShadowing.com

U. of Colorado, Virtual Shadowing, Nano Course in Emergency Medicine

https://www.coloradowm.org/courses/pre-med/virtual-shadowing-nano-course-emergency-medicine/ www.webshadowers.wixsite.com

https://www.clinicalshadowing.com/

https://calpolyprehealth.blogspot.com/2020/08/virtual-pre-med-shadowing-opportunity.html https://linktr.ee/clubmedshu

https://www.conehealth.com/health-care-professionals/student-clinical-observation-program/ https://blog.amopportunities.org/2020/05/20/virtual-clinical-experiences-rotate-from-home/ https://bsmsoutreach.thinkific.com/courses/VWE https://www.healthcareshadowing.com/ www.airvisits.com

YouTube has a wide variety of videos

https://advclinical.org/ Nationally Accredited Clinical Medical Assistant Certification (CCMA) for Pre-Health Students

Our 8-week self-paced online course provides comprehensive clinical training designed for students pursuing Medical (MD / DO), Physician Assistant (PA), or Nursing (RN/BSN/NP) School. After successful completion of the course, students will take the **National HealthCareer Association** (NHA) certification exam to obtain a **nationally accredited certification** as a *Certified Clinical Medical Assistant (CCMA)*. As a CCMA, pre-health students can confidently obtain clinical positions in hospitals, clinics, community health centers, nursing homes, and diagnostic testing centers to gain healthcare experience/ exposure and patient care hours necessary for their respective programs.

https://prehealthshadowing.com/ For shadowing, scroll down and click on Join Us. Erroneously, clicking on "Learn More About Pre-Health Shadowing" link will take you to a coaching page that requires payment.

They state, "We will be hosting a variety of health professionals in different domains and specialties. Each week, we will spotlight different health professionals. Typically, we would hold a presentation for the first half, then a Q&A where students will get to ask questions via the chat during the second half. Presentations will include why they decided to go into health, basic knowledge in the field, their education, activities, career path, admissions process, advice, a glance into their day on the job, and more! This program is open to all types of pre-health students-- MD, DO, RN, PT, PA, MSc, DDS, DC, NMD, DS, DCM, etc. At the end of the session, there will be a small assessment that, if passed, students can receive a certificate verifying their participation in our program. Our hopes are to ensure accessible and flexible resources for students to advance in their prospective health field."

Virtual Reality in Pharmacy: https://www.semanticscholar.org/paper/Virtual-Reality-in-Pharmacy%3A-Opportunities-for-and-Ventola/43c50f9d23b02f888ff51cf21e6e81680d81e371