Wright State University

Path to Health Professions

Is helping others in your future?

February 15, 2021
9 A.M. - 11 A.M.
Microsoft Teams

Make your future your priority.
Participate in this year's exciting presentations and take steps towards a brighter future!
Welcome!

Thank you for attending our 16th annual and first-ever virtual Presidents' Day Path to Health Professions Day. We are happy to have you as guests of Wright State University and look forward to sharing information about healthcare careers, our RAIDER campus, and the many opportunities available to our students.

During this time, when we are operating remotely, we continue to find new ways to connect you to learning opportunities to help prepare for your future academic and career choices. Take advantage of the day's event. We invite you to spend a few minutes reviewing the session descriptions and choosing which sessions might pertain to your interest.

There are numerous careers in the health professions, some of which you may be less familiar with. Step outside of your comfort zone and explore your options. Can't decide on which one to attend? Our program allows you the flexibility in selecting which live virtual presentation you would like to attend. Attend the session you feel you will ask the most questions. Return later and review recordings of the other sessions.

**Career Information Sessions:** Discover from current professionals in the various health careers the preparation and skills needed to become a healthcare practitioner. Gain insight into their profession's day-to-day duties and responsibilities, the work environment, training requirements, advancement prospects, and more.

**Health Professional Student Session:** Current medical, dental, physician assistant, and other health professions students discuss their experiences as pre-health students and offer advice for getting into professional school. They will talk about what professional school has been like for them and their future plans.

**Question & Answer Sessions:** Connect with Wright State's incredible team of student support specialists, helping to answer any question you have about WSU, admissions, financial aid, housing, and much more.

**Virtual Campus Tours:** Take a video tour of campus, explore different buildings on our virtual tours, learn more about the colleges that house our majors, and why it's great to be a Raider

If you leave today knowing more about the health professions than when you arrived, we have successfully accomplished our mission!

Enjoy the day – **RAIDER UP!!**
Program Agenda & Room Locations

To access the Path to Health Professions Virtual Event, click (or cut/paste) Microsoft Team’s link below:
https://teams.microsoft.com/l/channel/19%3a1e57b678d57048ab85b810af1b522d3f%40thread.ta
cv2/S0%2520-%2520Welcome%2520and%2520Introduction?groupId=152f06d4-e2ed-45ef-86c9-8c3ade2bab37&tenantId=5c46d65d-e6c-4513-8cd4-af98d15e6833

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
<th>Location Link</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 - 9:15 am</td>
<td>Welcome and Event Overview</td>
<td>[Click here to access the session]</td>
</tr>
<tr>
<td><strong>Session 0</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9:15 – 9:45 am</td>
<td>Occupational Therapy</td>
<td>[Click here to access the session]</td>
</tr>
<tr>
<td><strong>Session I</strong></td>
<td>Optometry</td>
<td>[Click here to access the session]</td>
</tr>
<tr>
<td></td>
<td>Osteopathic Medicine (D.O.)</td>
<td>[Click here to access the session]</td>
</tr>
<tr>
<td></td>
<td>Pharmacy</td>
<td>[Click here to access the session]</td>
</tr>
<tr>
<td></td>
<td>Physician Assistant</td>
<td>[Click here to access the session]</td>
</tr>
<tr>
<td>9:50 – 10:20 am</td>
<td>Medical Laboratory Sciences</td>
<td>[Click here to access the session]</td>
</tr>
<tr>
<td><strong>Session II</strong></td>
<td>Professional Psychology / Psychiatry</td>
<td>[Click here to access the session]</td>
</tr>
<tr>
<td></td>
<td>Public Health</td>
<td>[Click here to access the session]</td>
</tr>
<tr>
<td></td>
<td>Veterinary Medicine</td>
<td>[Click here to access the session]</td>
</tr>
<tr>
<td>10:25 – 10:55 am</td>
<td>Allopathic Medicine (M.D.) / BSoM</td>
<td>[Click here to access the session]</td>
</tr>
<tr>
<td><strong>Session III</strong></td>
<td>Dentistry</td>
<td>[Click here to access the session]</td>
</tr>
<tr>
<td></td>
<td>Nursing / Nurse Practitioner</td>
<td>[Click here to access the session]</td>
</tr>
<tr>
<td></td>
<td>Sports Science (PT/OT)</td>
<td>[Click here to access the session]</td>
</tr>
<tr>
<td>11:00-11:30 pm</td>
<td>Health Professional Student Q&amp;A Panel</td>
<td>[Click here to access the session]</td>
</tr>
<tr>
<td><strong>Session IV</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:30 pm</td>
<td>Admissions, Financial Aid, &amp; Housing</td>
<td>[Click here to access the session]</td>
</tr>
<tr>
<td></td>
<td>Pre-Professional Health Program</td>
<td>[Click here to access the session]</td>
</tr>
<tr>
<td></td>
<td>Virtual Campus Tour Links</td>
<td>[Click here to access videos]</td>
</tr>
<tr>
<td><strong>Session V</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*The agenda is subject to change without notice.*
Session Descriptions

Session 0:                             9:00-9:15a

Welcome & Event Overview: Wright State University and the Pre-Professional Health Program welcomes you to campus and will provide you a brief overview of what it means to be a Pre-Health Student and how to access the individual event sessions.

Presenter(s):  Rob Cowes, M.Ed. - Coordinator, Pre-Professional Health Programs, Wright State U.

Session I:                             9:15-9:45a

Occupational Therapy: Rehabilitation counselors and Occupational Therapists help people with physical, mental, developmental, or emotional disabilities live independently. Using interventions and other counseling, they help their clients overcome barriers acquired at birth or resulting from illness, disease, accident, military service, and/or ongoing stress. They help individuals overcome environmental and attitudinal barriers, obtain needed services, and use technology to assist them.

Presenter(s):  Ms. Jenna Mays, Third-Year MOT Student – U. of Findlay

Optometry: As primary health care professionals for the eyes, optometrists examine, diagnose, treat, and manage diseases, injuries, and disorders of the visual system, the eye, and associated structures and identify related systemic conditions affecting the eye. Optometry ranks as one of the best professions because of its regular hours, few emergency calls, and collaboration with other healthcare professionals.

Presenter(s):  Dr. Lindsay Florkey, OD, MS - Greene County Eye Care

Osteopathic Medicine (DO): Two types of medical physicians practicing exist in the United States, the allopathic (or MD) and osteopathic (or DO) physician. Are there any differences in their medical education? Do they both offer the same residency opportunities? What are the general admission statistics for someone entering an osteopathic medical school? If you are interested in learning more about the philosophy behind osteopathic medicine, don't miss out on this presentation!

Presenter(s):  Ms. Jill Harman - Director of Admissions, Ohio U's Heritage College of Osteopathic Medicine

Physician Assistant: As the nation faces a shortage of general practitioners, physician assistants (PA) are gaining more responsibilities. According to the Bureau of Labor Statistics, a career as a physician assistant is ranked 4th in projected employment growth and job satisfaction. Join this session to learn more about how this profession has transitioned over the years, the education required to enter a PA program, and the diverse opportunities in this career.

Presenter(s):  Ms. Lindsey Hammett, MPAS, PA-C - Program Director of PA Education, U. of Dayton

Pharmacy: Considered to be one of the fastest-growing fields in the health professions, Pharmacists are medication experts and play a critical role in helping people get the best results from their medications. Pharmacists prepare and dispense prescriptions, ensure medicines and doses are correct, prevent harmful drug interactions, and counsel patients on the safe and appropriate use of their medications.

Presenter(s):  Dr. Jeffrey Bates, Pharm.D., B.S. Pharm, FMPA - Assoc. Dean School of Pharmacy, Cedarville U.
**Medical Lab Science:** The medical laboratory scientist is a vital member of the health care team. A laboratory scientist's major responsibilities include analyzing patients' samples in the specialties of chemistry, hematology, microbiology, immunology, transfusion services, and molecular techniques. Attend this session and discover one of Wright State's best-kept secrets!

*Presenter(s):* Ms. Amy Wissman, MS, MT - Director of Medical Laboratory Sciences, Wright State U.

**Professional Psychology / Psychiatry:** Many health care providers work together in the treatment of patients. Psychologists and Psychiatrists collaborate in support of patients' mental health needs throughout the life cycle. Mental health includes emotional, psychological, and social well-being. Attendees will learn more about professional programs in psychology and counseling.

*Presenter(s):* Ms. Steph M. Wilson MS, MBA, LPC, SPHR, CA - Family Support Specialist, WPAFB  
Mr. Audwin Jones, B.A. - Director of Admissions, School of Prof. Psychology, Wright State U.

**Public Health:** There is an increasing demand for public health professionals, yet many students don't know what they do or what education is required. With threats like the zika virus and ebola, childhood obesity, type 2 diabetes, and daily needs such as clean water and safe restaurants, those interested in the health professions must understand what public health is all about.

*Presenter(s):* Dr. Tim Crawford, PhD, MPH - Department of Family Medicine, Population & Public Health Sciences, Wright State U.'s Boonshoft School of Medicine  
Ms. Camille Edwards, MPH, CHES - Public Health Workforce & Community Engagement Director, Family Medicine, Population & Public Health Sciences, Wright State U.'s Boonshoft School of Medicine

**Veterinary Medicine:** Doctors of veterinary medicine are medical professionals who play a significant role in the health care and welfare of animals, human public health, medical research, and public safety. They have a broad-based medical background and serve in many capacities. This session will discuss veterinarians' roles, preparing for and applying to veterinary schools and colleges, and employment opportunities available to new veterinarians.

*Presenter(s):* Dr. Carolyn Reno, DVM - Chair & Professor, Veterinary Technology, Sinclair College
**Allopathic Medicine (MD) & the Boonshoft School of Medicine:** Since its establishment in 1973, the Wright State University Boonshoft School of Medicine has become a nationally recognized leader in medical education. If you are interested in medicine, you don't want to miss an opportunity to learn about our medical school. Find out what a competitive applicant looks like and learn more about the various pathways to a medical degree.

*Presenter(s):* Ms. Lakia Young, MPA - Director of Admissions, WSU’s Boonshoft School of Medicine

**Dentistry:** Dentistry is the branch of the healing arts and sciences devoted to maintaining oral health. It is a dynamic health profession, offering opportunities to become a successful, highly respected community member. The realization that oral health can have a serious impact on systemic health drives the expansion of new professional opportunities each year. Learn about this profession and how to prepare yourself for dental school.

*Presenter(s):* Dr. Jillian Hodge, DDS - Absolute Smiles, Centerville

**Nursing/Nurse Practitioner:** Many students are interested in a career in nursing. The College of Nursing and Health at Wright State will present the requirements for a bachelor's degree in nursing and how it can lead you to a successful career. Students will learn more about what a Nurse Practitioner does, the education required to pursue this career, and how this independent health care provider contributes to health care.

*Presenter(s):* Dr. Deb Poling, PhD, FNP-BC, CNE - Wright State U.’s College of Nursing and Health Sciences  
Ms. Theresa Haghnazarian, Director of Wright State U’s Undergraduate Nursing Program

**Sports Science:** (Sports Medicine & Health/Fitness Pathways): Are you interested in becoming a PT, OT, PA, or a Health & fitness professional? Visit this session to learn how Sports Science can help you achieve your goals. Sports Science studies the body's response to exercise and physical activity. The field incorporates various sub-disciplines, including exercise physiology, biomechanics, motor behavior, and physical activity psychology.

*Presenter(s):* Ms. Becky Bower, MS, AT, ATC - Director of Athletic Training Program, Wright State U.
Session IV: 11:00a-11:25p

Health Professions Student Q&A Panel: Ever wonder what it is honestly like to be in health professions school? What classes are taught in the first year? How much studying is required? Do they have time for a social life? The list goes on and on. Join this session to talk to some current health professions students about life in medical school and what to expect. They will share their stories and give you advice on how to prepare.

Presenter(s): Current health profession students from various healthcare areas

Post-Event Sessions: 11:30a-

WSU Admissions / Financial Aid / Housing Q&A: Questions on becoming a RAIDER? Learn about what it takes to be admitted, steps on receiving financial aid, and the different types of housing available on campus.

Presenter(s): Ms. Rene Jewett, MBA - Enrollment Services Coordinate, RaiderConnect, Wright State U.
Ms. Paige Smith, BSB - Admissions Events Program Manager, Wright State U.

Pre-Professional Advising Q&A: Still have questions on pursuing a career in health care, come to our Q&A session, where we will help answer your question.

Presenter(s): Rob Cowles, Med - Pre-Professional Health Coordinator, Wright State U.

Virtual Tours of Campus: Visit Wright State right from home. Take video tours through campus, explore different buildings on our virtual tour, learn more about the colleges that house our majors, and see why it is great to be a Raider.

Link to the virtual tours: https://www.wright.edu/virtual
What Does it Mean to Be a Pre-Health Student at Wright State?

Overview:
Pre-Health means you have the desire to go to Chiropractic, Dental, Medical, Occupational Therapy, Optometry, Pharmacy, Physical Therapy, Physician Assistant, Podiatry, Veterinary Medical school sometime after you complete your undergraduate degree.

It also requires you to:
- Take the required prerequisite coursework (next page) for your desired program(s),
- Work closely with the Pre-Prof. Health Program by attending workshops and advising sessions,
- Possess essential qualities, such as but not limited to, competitive grade point average and entrance exam scores, strong personal attributes, and have meaningful pre-health and other professional experiences.

Competitive Metrics:
- Maintain a high undergraduate GPA; devote time to earning a competitive admission test score.
- Plan to apply to health professions school after completing the necessary undergraduate coursework and investigate these schools' admissions expectations.
- Major in any field that interests you. Take the required science and other prerequisites required by the professional schools to which you plan to apply.

Personal Attributes:
- Strengthen your leadership skills by actively participating in campus clubs and organizations.
- Commit time to volunteerism and community service.
- Acting, thinking, and communicate as a professional at all times.

Meaningful Experiences:
- Network and make connections with professionals in your desired health-related field.
- Gain exposure through first-hand shadowing and observation experiences.
- Investigate alternative career options.
- Explore the career field through employment opportunities.

Pre-Professional Health Programs:
- Pre-health is not a major.
- Pre-health is an intention and commitment by the student.
- Pre-health is a pathway and a designated set of support services, assistance, resources, and information needed to pursue a career path to the health care professions successfully.
- The Pre-Professional Health Program supports students like you by assisting you to:
  - Explore various health career professions, understanding the type of work involved and how your strengths, motivations, and preferences match.
  - Prepare for your selected health professions by ensuring you are taking the correct prerequisite coursework and completing necessary extracurricular activities.
  - Apply to health professions schools by assessing readiness to apply, helping to select schools, completing your application, and preparing to interview.
Recommended Coursework for Pre-Health Students

Every health professional school requires a specific set of prerequisite science courses for admissions. Remember, you can choose any major you desire. Find a major that fits you, that you will love, and that you will excel in. Regardless of your majors, grades are extremely important, especially in the required coursework.

Generally, the prerequisite science courses include:
- One-year of biology with laboratory
- One-year of general chemistry with laboratory;
- One year of physics with laboratory;
- One year of math that includes a semester of calculus and a semester of statistics.

Additional courses vary by health professional school, visit WSU’s Pre-Health website (wright.edu/prehealth) to discover the recommended courses by health professions and the corresponding WSU course.

If you are still in high school, considering taking advanced or college-level coursework Biology, Chemistry, Physics, Statistics, Calculus, Psychology, Economics, or English. These courses will build the academic foundation needed to start your college career off on the right foot.

Suggested General Timeline for Pre-Health Students

**Freshman Year of College**
- Adjust to college academic life & rigor.
- Explore and join student organizations
- Volunteer in a way meaningful for you.

**Sophomore Year of College**
- Volunteer & job-shadow.
- Get to know your professors and build professional relationships.
- Find leadership opportunities.

**Junior Year of College**
- Finish prerequisite courses.
- Strengthen professional relationships.
- Continue to be involved.
- Take your entrance exam
- Apply & interview (no gap year)

**Senior Year of College**
- Apply & interview (gap year)
- Finish degree
- Next step – HEALTH PROFESSIONAL SCHOOL & SAVING THE WORLD!

Special thanks to:
- **YOU!** Students and guests, thank you for joining us today. We're glad you came and hope to see you again as RAIDERS in the near future!
- **Our sponsor**, the College of Science & Mathematics Pre-Health Program
- **Our volunteers, speakers, and support team** – Please join us again next year!

For more information:
- WSU Pre-Health Program: www.science-math.wright.edu/pre-health-program
- College of Science & Mathematics: https://science-math.wright.edu/
- College of Education and Human Services: https://education-human-services.wright.edu/
- WSU Majors and RAIDER Admissions: www.wright.edu/admissions
- Careers in healthcare: www.explorehealthcareers.org
Location: 134 Oelman Hall
Hours: Monday-Friday, 8:30 a.m. to 5 p.m.
Phone: 937-775-2611
Fax: 937-775-3068
Email: cosm@wright.edu

Follow us on:

@wsu_cosm
@wsucosm
@cosmwsu