

# **PATH TO HEALTH PROFESSIONS DAY**

Is helping others in *your* future?



**Monday, February 17, 2020**  
**9:00 am – 12:30 pm**  
**Wright State University**  
**Student Union**

# Welcome!

Thank you for attending our 15<sup>th</sup> annual Presidents' Day "Path to Health Professions" event. We are happy to have you as guests of Wright State University and look forward to sharing information about healthcare careers, RAIDER campus, and the many opportunities available to our students.

**Career Information Sessions:** Our program is designed to allow flexibility in selecting which presentations you would like to attend, together as a group or individually. We invite you to spend a few minutes reviewing the session descriptions and choosing which sessions might pertain to your interests. There are a number of 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? Divide your group and share with each other afterwards.

**Tours:** We hope to accommodate as many students on tours as would like to go. If you're interested in participating, please join the tour guides in the assigned locations (see agenda).

- **Science & Math Research tour:** Participants will be guided through research buildings such as the Neuroscience Engineering Collaboration (NEC) building, Diggs Life Sciences, Biological Sciences and Fawcett Hall. The NEC building is a 90,000-square-foot facility centrally situated within the biomedical and engineering research hub on the Wright State campus and is home to translational research and collaboration with highly integrated laboratories for students and faculty researchers.
- **Campus and Housing tour:** Campus tours are offered daily at **10a** and **2p**. Student Ambassadors from the Offices of Undergraduate Admissions and Housing will lead you on a tour of our beautiful 500-acre wooded campus. See classrooms, campus housing options, and our very own underground tunnels! If you'd like to join the 2p tour, attend the Admissions/Financial Aid/Housing in session IV and get signed up.
- **Medical School tour:** As a medical student at Boonshoft School of Medicine, The Gandhi Medical Education Center in White Hall will quickly become your home away from home. You'll benefit from outstanding learning technology, two technologically based lecture halls, a state-of-the-art anatomy lab, three computer labs with more than 100 work stations and more. Join a medical student for a tour today!
- **Nursing Skills Lab tour:** The College of Nursing and Health offers nine state-of-the-art nursing labs that include medical simulators that mimic almost any imaginable patient scenario, including childbirth, cardiac events requiring CPR and defibrillation, and seizures. Come check it out!

**Registration bag:** Our gift to you! Make it your goal today to gather as much information as you can about the professions that interest you or would like to learn more about. Don't forget to pick up information on how to become a future RAIDER, too! If you leave today knowing more about the health professions than when you arrived, we've successfully accomplished our mission!

Enjoy your day --

Rob Cowles  
Pre-Professional Program Coordinator  
College of Science & Mathematics

# Agenda

Time	Presentation	Location
8:00 – 9:00 am 9:00 - 9:20 am	Registration / Check In Welcome and Overview	TBA
<b>Session I</b>		
9:25 – 10:00 am <i>Career Information</i>	Sports Science Dentistry Physician Assistant Osteopathic Medicine (D.O.) Chiropractic Medicine	TBA
<b>Session II</b>		
10:05 – 10:40 am <i>Career Information</i>	Counseling / SOPP Veterinary Medicine Pharmacy / Optometry Allopathic Medicine / BSoM Medical Laboratory Sciences	TBA
<b>Session III</b>		
10:45 – 11:20 pm <i>Career Information</i>	Nursing / Nurse Practitioner Public Health Athletic Training Medical Students Q&A Rehabilitation Services	TBA
<b>Session IV</b>		
11:25 - 12:30 pm <i>WSU Information Tours</i>	Pre-Professional Advising Nursing TOUR WSU Admissions / FA / Housing Medical School TOUR Science & Math Research TOUR	TBA

*\*Agenda is subject to change*

## 9:00-9:20a WELCOME & Program Overview

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### **Session I: 9:25-10:00a**

**Sports Science: (Sports Medicine & Health/Fitness):** **Sports Science** is the study of the body's response to exercise and physical activity. The field incorporates various sub-disciplines including exercise physiology, biomechanics, motor behavior, and the psychology of physical activity. The Sports Science degree contains two pathways or concentrations; Health & Fitness and Sports Medicine.

The **Health & Fitness concentration** prepares undergraduate students with the knowledge, skills, and abilities to work as professionals in the health and fitness industry. Candidates who complete this program will be eligible to apply for the ACSM Health & Fitness Instructor certification.

The **Sports Medicine concentration** is a pathway to healthcare graduate programs. The concentration meets all the requirements for graduate programs in athletic training. With minor program of study modifications, the concentration can be a pathway to graduate programs in physical therapy, occupational therapy, and physician assistance.

**Dentistry:** The opportunities and responsibilities that exist for dentists during this time of change in health care delivery make dentistry one of the most exciting, challenging and rewarding professions. It is projected that careers in dentistry will increase significantly over the next 10 years. Come learn about this profession and how to best prepare yourself for dental school.

**Physician Assistant:** As the nation is facing a shortage in general practitioners, physician assistants (PA) are gaining more responsibilities. According to the Bureau of Labor Statistics, a career as a physician assistant is ranked 4<sup>th</sup> 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.

**Osteopathic Medicine (DO):** Interested in being a physician? There are two types of medical physicians practicing 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 have an interest in medical school and want to learn more about the philosophy behind osteopathic medicine, don't miss out on this presentation!

**Chiropractic Medicine:** Chiropractic is a branch of the healing arts that is based on the premise that good health depends, in part, upon a normally functioning nervous system. The primary procedure in chiropractic health care is, by using natural methods, to examine and evaluate the spine and pelvis to determine if one or many areas of the spine are malfunctioning or causing abnormal body movements. Attend this session to learn of the many different areas that Chiropractors can work.

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## **Session II: 10:05-10:40a**

**Professional Psychology / Psychiatry:** Many health care providers work together in the treatment of patients. Psychologists and Psychiatrist collaborate in support of patients mental health needs throughout the life cycle. Mental health includes emotional, psychological and social well-being. Mental health counselors diagnose as well as treat mental illness. Some mental health counselors help people cope with difficult life events (e.g., illness, death, relationship problems) while others help people manage serious mental illnesses like bipolar disorder. According to the Bureau of Labor Statistics, job for mental health counselors will grow 36% through 2020. Attendees will learn more about professional programs in psychology and counseling.

**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 the roles of veterinarians, aspects of preparing for and applying to veterinary schools and colleges, and employment opportunities available to new veterinarians.

**Pharmacy:** Pharmacy is one of the fastest growing fields in the health professions. Currently, there are an estimated 7,000-10,000 unfilled pharmacy positions in the United States and surveys show that by the year 2020, 150,000 more pharmacists will be needed than are working today. What is the education required to be a pharmacist? What are the working conditions like as a pharmacist? What types of careers are available to pharmacists? This session will provide you with those answers and more!

**Optometry:** Are you interested in becoming an optometrist? If so, don't miss out on this session! Optometry is ranked as one of the best professions because of its regular hours, few emergency calls and collaboration with other professionals. General statistics on applications, GPAs, and OAT scores will be presented. Find out the many options within this field.

**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're 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.

**Medical Lab Science:** The medical laboratory scientist is a vital member of the health care team. The major responsibilities of a laboratory scientist include analysis of patients' samples in the specialties of chemistry, hematology, microbiology, immunology, transfusion services, and molecular techniques. Come discover one of Wright State's best kept secrets!

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## **Session III: 10:45-11:20a**

**Nursing/Nurse Practitioner:** Many students are interested in a career in nursing. The College of Nursing and Health at Wright State will present to you the requirements for a bachelor's degree in nursing and how it can lead you to a successful career. In addition, you 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.

**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, it is important that those interested in the health professions have an understanding of what public health is all about.

**Medical Student Q&A:** Ever wonder what it's truly like to be in medical 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 medical students about life in medical school and what to expect. They'll share their stories and give you advice on how to prepare.

**Rehabilitation Services:** Rehabilitation counselors help people with disabilities to achieve their personal, social, psychological and vocational goals. They counsel people with physical, sensory, developmental and cognitive disabilities and those with mental health or other health conditions that are acquired at birth or resulting from illness, disease, accident, military service and/or ongoing stress. Using interventions and other counseling techniques, they help their clients overcome environmental and attitudinal barriers, obtain needed services and use technology that can assist them.

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## **Session IV: 11:25a-12:30p**

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

**Nursing TOUR:**

**WSU Admissions / Financial Aid / Housing:** 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.

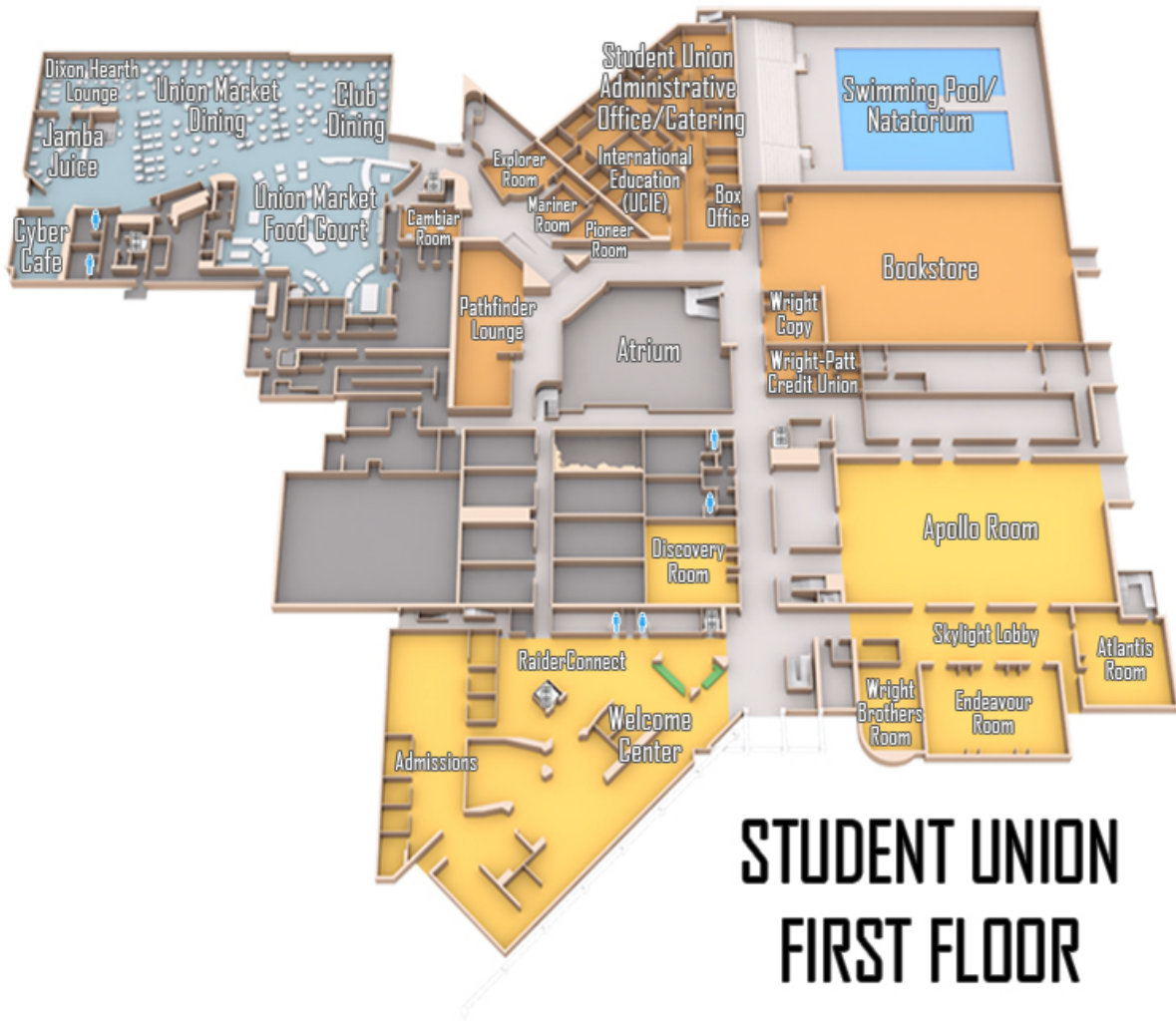
**Medical School TOUR:**

**Science & Math Research TOUR:**

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## **For more information:**

- WSU Pre-Health Program: [www.science-math.wright.edu/pre-health-program](http://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](http://www.wright.edu/admissions)
- Careers in healthcare: [www.explorehealthcareers.org](http://www.explorehealthcareers.org)



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