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Premedical Programs Newsletter, October 2018

University of Dayton

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October 2018

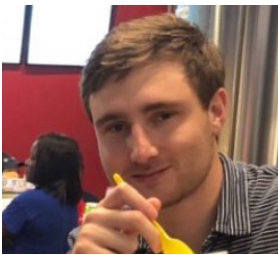


Premedical Programs Newsletter



Multicultural Association of Pre-Health Students holds a bake sale to raise club funds

Student Spotlight



"[working in lab] has helped prepare me to think as a scientist and a future physician"
--Jack Weis

Jack Weis, a senior premedicine major, has conducted research on campus in Dr. Yvonne Sun's laboratory in the Biology Department since September 2016. His research focuses on the pathogenic bacteria, *Listeria*

Summer research experience in UD Biology Lab

monocytogenes, which causes food borne illnesses. Jack's initial findings showed that propionate, a small organic compound, stimulates cells of the immune system in their ability to kill bacteria like *Listeria*. His work has been included in a research article published in a peer-reviewed journal, and, this past summer, he has had the opportunity to travel with other members of the Sun lab to a research conference to present a poster on his work. Jack was awarded the Dr. Robert J Kearns Fellowship which enabled him to travel

to the American Society of Microbiology 2018 National and World Conference in Atlanta. This is a \$500 travel award which is sponsored by Dr. Robert Kerns, former Professor of Biology and Director of Premedical Programs and supports students who wish to present their research at outside conferences. Jack describes this experience as "awesome." Reflecting on his conference experience, Jack stated, "I am specifically interested in infectious disease, and I was able to attend multiple lectures from physicians and other scientists..."



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Hospital Elder Life Program (HELP) Orientation Dates Scheduled

The Hospital Elder Life Program (HELP) provides students with the opportunity to gain clinical experience by working bedside with the elderly in-patient population at Miami Valley Hospital.

Students who are accepted into the program are required to attend approximately sixteen hours of orientation training.

Students can begin working towards meeting their required 60 hours of volunteering after they complete their orientation training. Sophomore status is required to participate in the program.

The list of documentation required for program participation can be accessed from the following link: <https://udayton.edu/artssciences/academics/premedical/oaahelp.php>. Once you complete and submit your documentation, you will be registered for the MED 220 course.

Please submit your documentation and/or direct any questions to Megan Marasco at marascom1@udayton.edu.

Participation in the HELP program counts as a pre-requisite clinical experience for the MED 480 capstone course.

Orientation Training dates:
Fall orientation will be Oct. 4th and Oct. 5th from 9 am to 5 pm.
Spring orientation will be Jan. 10th and Jan.11th from 9 am to 5 pm.



2018 HELP program participants

Courses to Consider:

SWK 392: Health & Inequality; The Inside-Out Prison Exchange Program

The Inside-Out Prison Exchange Program is a unique opportunity for UD students to take a course inside a prison, side-by-side with people who are currently incarcerated. SWK 392 will be offered in Spring 2019 and will count towards the Medical Humanities minor.

Interested students should attend the information session on Sept. 26th at 3:30 pm in St. Joseph Hall, Room 413. Enrollment is limited. All majors and student levels are welcome to apply. Contact Dr. Molly Sayre at msayre2@udayton.edu.

HSS 488: Special Topics - Environmental Physiology-Chile

In HSS 488, students will use the country of Chile as a case study in extreme environments and examine physiological responses to a wide range of conditions such as cold, heat, altitude, and hyperbaric diving.

This course includes an optional Spring Break study abroad trip Mar. 8-17, 2019 where students can travel to Chile, immerse themselves in these environments, and collect biometric data on their own physiological responses.

Ideally, students will have completed physiology (BIO 403, HSS 307, or HSS 206) prior to enrolling in HSS 488. However, students that have completed BIO 151/152 will also be considered if they are interested. Dr. Anne Crecelius will be at the Study Abroad fair on Sept. 26th from 4:30-7:30 pm to answer any questions.

BIO 427: Immunology

Recent graduates have identified Immunology as extremely helpful for preparation for Medical School. Seniors might consider taking BIO 427 as one of their biomedical electives. It will be taught in Spring 2019 by Dr. Robert Kerns, Professor Emeritus, who has previously taught Microbiology and Immunology and is returning to the Biology Department as an Adjunct Faculty member.

SPN 230: Medical Spanish

Students will have the opportunity to take a new course offered for the first time Spring 2019 in Medical Spanish. This course will be offered by the Department of Global Languages and Cultures. Please contact the Department for any questions about the course.

Spring Registration

Course registration for the spring term starts Oct. 29th. Plan on meeting with your academic advisor prior to your registration time to discuss schedules and obtain your approval code. Clear all holds (financial, parking, library) prior to registering. Registration priority is determined by credit hours of classes taken and currently enrolled in this semester.

Registration opens during the following time frames:

Seniors (90+ hours) Oct. 30 - Nov. 2
Juniors (60 hours) Nov. 5 - Nov. 8
Sophomores (30 hours) Nov. 9 - Nov. 14
First Years (< 30 hours) Nov. 15 - Nov. 20

UD Health and Wellness Life Hacks Series

Building resilience and persistence are important skills for preparing for a career in medicine/health care. Attend presentations in the Life Hacks Series to gain skills and insight to help you succeed and thrive at UD and beyond.

October presentations include:

- Adulting with Purpose, 10/1, 11 am to 12 pm
- Beauty as a Cultural Construct, 10/17, 11 am to 12 pm
- Rethinking Drinking, 10/18, 2 to 3 pm
- Putting Willpower on Autopilot, 10/24, 3:30 to 4:30 pm

For more information on these topics visit go.udayton.edu/wellness or contact Sarah DeWitt, Coordinator of Health Education and Wellness Promotion, at sdewitt1@udayton.edu

Bolivia Healthcare Immersion

"Pediatric, Adolescent & Women's Health, La Paz, Bolivia"-a medical immersion program sponsored by UD Premedical Programs in conjunction with Children and Family Health International (CFHI) will be offered in May 2019, with anticipated travel dates of May 14-26, 2019. This program is open to all students who meet the eligibility and GPA requirements. The application is currently open and can be found on-line at <http://studioabroad.udayton.edu/>. For this year's program, students are *strongly encouraged* to register for the REL 367 section taught by Dr. Nancy Romer because Dr. Romer will incorporate learning activities that relate to the outcome of the Bolivia program. However, students who have already completed REL 367 or are unable to take the course in the spring are STILL eligible to participate in the program.

The program also requires beginner level Spanish competency. Students must have completed SPN 101 or SPN 131 by the end of Fall 2018 and are required to enroll in a 200-level (or higher) Spanish course in Spring 2019.

All participants will need to enroll in UDI 220 (MAXIE: Maximizing Your International Education) mini-course in Spring 2019. UDI 220 will meet from late Feb./early Mar. through April.

This is an approved clinical experience for MED/DEN major MED 480 course.

Premedical Programs Mini-Courses

Mini-courses can be taken in addition to the 18 credit limit, are graded P/F, and provide credits towards graduation. Premed-sponsored spring course offerings are listed below:

- MED 210 - Premedical Community Experience: Learn about the complexities of providing healthcare to underserved and train to provide services as a volunteer at Reach Out Montgomery County. Capstone Experience.
- MED 220 - Hospital Elder Life Program (HELP): Train in bedside interventions for elderly patients and experience a high level of patient contact and responsibility. Prerequisite for program participation is sophomore status. Capstone Experience.*
- UDI 276 - Pre-Dentistry Experience at Good Neighbor House: Observe and assist dentists practicing in a non-profit environment. Capstone Experience.*
- UDI 277 - Medical Documentation in the EMR Age and the Medical Scribe: Learn about the complexities of documentation in an electronic medical record and train to be a medical scribe. Employment is a possibility upon successful course completion.
- UDI 278 - Health Careers Seminar: Learn about a variety of health related careers. Complete self-assessment as a

foundation for making good career decisions.

- UDI 309 - Medical Terminology for Premeds: Intended for Juniors and Seniors planning for various health professional schools including medical school. This course DOES NOT meet the requirements for PA schools.
- MED 351 - Healthy Children: Addressing Social Needs to Improve Health Outcomes: Examine the social needs of pediatric patients as well as their families' social needs that affect children's health. Work within the Dayton Children's Hospital setting. Prerequisites: Sophomore standing and a basic orientation to healthcare or human service industries.

*students interested in these courses must complete required documentation and will then be enrolled in the course. For more information contact Megan Marasco at marascom1@udayton.edu

Premier Health Hospital Observations

Sophomores, Juniors and Seniors can shadow healthcare teams in five different departments at Miami Valley Hospital, in the Operating Room at Miami Valley Hospital South, and with Premier Health PAs. Initially, Juniors and Seniors will have priority to sign up for available slots. **Sophomores will be able to turn in their paperwork and sign up beginning Oct. 1st.**

OR shadowing also requires a separate mandatory orientation at Miami Valley South. If you have already attended a previous orientation, you do not need to attend again. A spring orientation will be scheduled for early in 2019.

You will need to submit a complete application (accessed from the Hospital Observation link on premed.udayton.edu), current immunization records, MMR verification, two-step TB results and after Sept. 30, a flu shot. Bring completed paperwork to the Premed office to sign up for your time slots for the fall semester. Sophomores may submit their paperwork beginning October 1st. Contact Dr. De Beer at

mdebeer1@udayton.edu if you have questions.



Please save the date and join us for the 3K/5K Remembrance walk in support of the Hospice of Dayton on Saturday October 27, 2018. Proceeds from the walk support care and services for local patients and their families regardless of income level. Contact Maria Labello at labellom1@udayton.edu for more information.

Premedical Programs Fall Seminar Series

Join us Friday afternoons to hear presentations from speakers from health professional schools. Talks will be held at 3:30 pm at SC 114.

- September 28: Mr. Daniel Goodpaster, Director of Enrollment Management, Marian University College of Osteopathic Medicine
- October 12: Admissions Representative, The Ohio State University College of Dentistry
- October 19: Dr. Gary LeRoy, Associate Dean for Student Affairs and Admissions, Wright State University Boonshoft School of Medicine
- October 26: Ms. Georgia Paletta, Director of Admissions, The Ohio State University College of Medicine
- November 2: Ms. Jessica Marks, Program Director of Admissions, University of Cincinnati College of Medicine

Calendar Highlights



October:

Oct. 4-7 -Midterm break

Oct. 7 - DIG meeting, SC 064, 4 pm

Oct. 10 - Pre-PA Club meeting, SC 114, 8 pm

Oct. 12 -Speaker: Admissions, OSU COD, SC 114 at 3:30 pm

Oct. 17 - Healing Hearts meeting, SC 114, 7 pm

November:

Nov. 1 - Deadline to apply for May 2018 graduation

Nov. 2 - Speaker: Jessica Marks, UC COM, SC 114 at 3:30 pm

Nov. 4 - DIG meeting, SC 064, 4 pm

Nov. 7 - Pre-PA Club meeting, SC 114, 8 pm

Nov. 12 - Last day to drop with record of W 8 pm

Oct. 19 - Speaker: Gary LeRoy, WSB-SOM, SC 114 at 3:30 pm

Oct. 21 - DIG meeting, SC 064, 4 pm

Oct. 24 - Pre-PA Club meeting, SC 114, 8 pm

Oct. 26 - Speaker- Georgia Paletta, OSU COM, SC 114 at 3:30 pm

Oct. 27 - Hospice Remembrance Walk, Hospice of Dayton, 324 Wilmington Ave.

Nov. 17 - Healing Hearts meeting, SC 114, 7 pm

Nov. 18- DIG meeting, SC 064, 4 pm

Nov. 20 -Thanksgiving recess begins after last class

Nov. 26 - Classes resume at 8 am

Nov. 28 - Pre-PA Club meeting, SC 114, 8 pm

AED Oct. and Nov. Events

- **Oct. 2** - membership meeting, SC 114, 8 pm
- **Oct. 16** - membership meeting, SC 114, 8 pm
- **Oct. 20** - Pledge Retreat, TBA, 12-3 pm
- **Oct. 30** - membership meeting, SC 114, 8 pm
- **Nov. 13** - membership meeting, SC 114, 8 pm
- **Nov. 27** - membership meeting, SC 114, 7:30 pm

AED "Meet the Profs"



Congratulations to students with acceptances to Health Professional Schools!

- Emma Clark (BIO) Ohio U Heritage College of Osteopathic Medicine
- Sara Huber (MED) Marian U College of Osteopathic Medicine, Ohio U Heritage College of Osteopathic Medicine
- Jacob Thomas (EEP'18) Lincoln Memorial U Debusk College of Osteopathic Medicine, Marian U College of Osteopathic Medicine
- John Weis (MED) Ohio U Heritage College of Osteopathic Medicine
- Emily Wey (BCM'18) Marian U College of Osteopathic Medicine

