

Visit to OUHCOM

A group of UD students visited Ohio University Heritage College of Osteopathic Medicine in April. Director of Admissions Jill Harman provided an admission presentation, a tour of the facilities, an OMM demonstration and a visit to a first-year lecture. Students enjoyed lunch with some recent UD alumni at OUHCOM, including Jacob Farber '13, Jordan Geroski '12, Christopher Leibold '13, Marlee Reardon '13, and Diana Tec '09.

Medical Humanities Minor

Medical humanities is an interdisciplinary field combining the humanities, social science, the arts and their application to medical education and practice. The University of Dayton will soon offer a medical humanities minor to undergraduate students. Combined with a natural science curriculum, courses in this minor provide students with a holistic preparation for a career in health and medicine. Humanities and social science courses provide students with a set of competencies and insights for better understanding the complexities of health care and the role of medicine in society.

To complete this minor, students will choose five courses selected from a select list of classes offered through the Departments of Psychology, English, Communications, Philosophy, Art and Design, Anthropology, Sociology and Social Work.

UD Students Participate in the First Ohio Medical Education Day

On Oct. 5, 2013, 20 students from the University of Dayton traveled to Mount Vernon Nazarene University in Mount Vernon, Ohio, for the first ever Ohio Medical Education Day presented by Ohio Medical Schools and Ohio health professions advisers. The entire day, featuring presentations by medical students, medical school admission representatives and premed advisers, was designed to provide students with a plethora of information about applying to medical school. Topics included the application process, financing medical school, how to write a personal statement, interviewing, metrics and gap year options. The day concluded with a "Meet the Deans" session and exhibit fair.

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YOUR COMMENTS AND SUBMISSIONS ARE ENCOURAGED!

Please visit our website for more information about our program and services: premed.udayton.edu

Summer 2014

LIFELINE

Premedical Programs Alumni Newsletter

BRIGADERS MAKE AN IMPACT IN NICARAGUA



While much of the nation faced frigid temperatures this January, 40 UD students — along with physicians Tom Herchline, M.D., Marylynn Herchline, M.D. and Premedical Programs director Kathleen Scheltens — headed to Nicaragua for a nine day medical and public health brigade.

The medical brigade set up temporary clinics in three separate Nicaraguan communities, provided care to over 600 patients and distributed thousands of dollars of medications. The clinics allowed students to rotate assignments in intake, triage, doctor consultations, dental clinic, gynecology services, pharmaceuticals and data informatics. Students also attended educational workshops.

Once the medical brigade was completed, the group ventured to a small mountain village where the focus was manual labor! For three days, students laid concrete floors within homes and built community latrines consisting of a shower, sink, toilet and septic system.

Supplies for both the medical and public health initiatives were obtained through fundraising and donations. Many of the medications were donated by Miami Valley Hospital and Dr. Marylynn and Dr. Tom Herchline. In addition, several alumni responded to our letter campaign requesting sponsorship of the program, including Dr.

Daniel Brunner, Dr. Annette Chavez, Dr. Mark Davis, Dr. James and Linda DeLong, Dr. Andrew DiBartolomeo, Dr. Joseph and Sally Dorsten, Dr. William Fishbaugh, Dr. Maria Hunter, Dr. James Monzelewski, Dr. Edward Sabol, Dr. Ronald Szarlan, Dr. Thomas Theil, and Dr. Thomas Williams. Thank you alumni!

Fundraising efforts by students included a pancake breakfast, a 5K run, a bike raffle and a raffle for "Dayton 2 Daytona". These events were great bonding experiences for the team as well as effective money-makers.

Interested in helping support our January 2015 brigade to Nicaragua? Your donation can make a world of difference! Your tax-deductible donation can be made directly to Global Brigades at www.empowered.org/Medical-Brigades-at-University-of-Dayton. Your donation will be applied directly to our brigade to purchase our box of medicine and medical supplies. We greatly appreciate your support!



DIRECTOR'S LETTER

What an interesting time it is in the world of medicine and healthcare. As our society grapples with the complexities of reforming healthcare, our students, too, are witnessing changes in what is expected of them as they prepare to train for a career in this arena.

Next summer, students applying to medical school will be taking a new version of the Medical College Admissions Test (MCAT). The addition of a section titled "Psychological, Social and Biological Foundations of Behavior", recognizes the importance of socio-cultural and behavioral determinants of health and health outcomes. The natural science sections of the MCAT 2015 exam reflect recent changes in medical education, including a new emphasis on biochemical foundations of living systems. The new "Critical Analysis and Reasoning Skills" section reflects the fact that medical schools want well-rounded applicants with strong skills in critical thinking.

Today's applicant must present a profile that demonstrates not only one's mastery of a science-intensive curriculum and "good metrics" but also a well-rounded holistic application which reflects a student's inclination to serve others as well as a demonstrated understanding of what it means to be a physician through practical experience.

It is also an exciting time in Premedical Programs at the University of Dayton! Many of the services, resources and opportunities we sponsor provide the types of co-curricular experiences that fit well with the new paradigm of medical school preparation. Our students can be seen providing service to others in a variety of clinical placements in Dayton as well as in underserved remote areas such as Nicaragua.

We hope you will be part of this exciting journey! Please consider mentoring a student through our Health Care Connection program, sponsoring a student in our international medical brigade or let us know of ways you would like to connect with our students as they explore the world of healthcare and develop the qualities essential to becoming tomorrow's physicians.

Best wishes,

Kathleen Scheltens, Ph.D.
Director of Premedical Programs

ALUMNI SPOTLIGHT

M. Margaret (Peggy) Knudson, M.D., FACS, graduated from the University of Dayton in 1972 earning her bachelor's in biology. While at UD, Dr. Knudson was a member of AED, created a volunteer organization that provided pulmonary services to children with cystic fibrosis and worked in the Biology Department to pay her tuition. She had an American Heart Research Grant with Dr. P. K. Bajpai to study cardiac muscle antibodies, which was preliminary work for the field of cardiac transplantation. She also won the John E. Dlugos, Jr., Memorial Award for Excellence in Biology.

Dr. Knudson attended the University of Michigan Medical School. After completing her surgical residency at the University of Michigan, she

joined the surgical faculty at Stanford University where she served as the assistant trauma director. In 1989, Dr. Knudson was recruited to the University of California at San Francisco and has attained the rank of Professor. Her practice is based primarily at the San Francisco General Hospital and Trauma Center where she is currently the Chief of Surgery and an attending surgeon on the trauma/critical care/emergency surgery service.

For the past 20 years, Dr. Knudson has served as the Director of the San Francisco Injury Center for Research and Prevention, one of the first CDC-funded centers in the nation. Her research focuses on resuscitation, venous thromboembolic disease, and pediatric injury prevention. Dr.

Knudson has served on the Committee on Trauma for 17 years, recently completing her term as vice-chair of the Central COT and was awarded the National Safety Council Award from the COT/AAST for her work in trauma and injury prevention. She has also been on the board of managers of both the Western Trauma Association and the American Association for the Surgery of Trauma. She is on the editorial board of both the Journal of Trauma and the Journal of the American College of Surgeons. She is currently the science chair for the newly formed National Trauma Institute. Dr. Knudson remains active as a civilian consultant to the U.S. Military Medical Core, rotating to the Army Hospital in Landstuhl, Germany on a



M. Margaret (Peggy) Knudson MD, FACS

yearly basis and is the only civilian trauma surgeon who has participated in the care of the wounded in the theater of war in Iraq.

Clearly Dr. Knudson is a very distinguished alumna of whom her alma mater is quite proud.

Fifth Annual University of Dayton & Miami Valley Hospital Healthcare Symposium

"Innovations in Healthcare", the Fifth Annual UD/MVH Healthcare Symposium, took place April 5, 2014 in Kennedy Union. About 200 students and over 100 professionals attended the event.

To kick off the event, leaders in the Dayton medical community met the evening before for a reception hosted by Paul Benson, dean of the College of Arts and Sciences. Many local physicians, administrators and community leaders enjoyed an informal gathering with some symposium presenters, beginning conversations about how to incorporate the "Innovations in Healthcare Delivery" theme into local initiatives.

A new component to the symposium this year was a student poster session. Fifteen medical and graduate students and 31 University of Dayton students participated in the poster session presenting works in the areas of comparative healthcare, community initiatives, clinical medicine and translational research. Timothy Frey and Elizabeth Johns had the top entry from UD with their poster Global

Brigades: Our Medical Mission to Nicaragua. The top entry award for a medical or graduate student went to Benjamin Bates for his poster Irreversible Electroporation: An Institution Experience.

The morning session, titled Innovations in Healthcare Delivery, began with a presentation by NPR foreign correspondent and documentary filmmaker T. R. Reid. Reid discussed healthcare models employed in various countries as well as innovative practices he has visited in the U. S. Following Reid, Dr. Marjorie Bowman, dean of the Wright State University Boonshoft School of Medicine, moderated a panel discussion that included presentations by Dr. David Moen and Dr. Ken Coburn, who discussed innovative models of healthcare delivery that have been successful in lowering costs and decreasing hospital admissions and ED visits.

The morning session was followed by a luncheon where professionals and students could mingle and make connections.

A number of panel discussions for undergraduate students were held in the afternoon student symposium. The session titles included: "Many Faces of Medical Specialties", Physician Assistant Panel — Life in Dental School — Physician Panel on International Medicine — "Caring for the Underserved in Your Own Backyard", "Life in Medical School How to Become a Successful Applicant".

Thank you to the following alumni who served on our panels: Jacob Farber '13, Maria Grabnar '13, Jennifer Hurtubise '12, Courtney Kutsuli '12, Layne Perkowitz '13, Caroline Sawicki '13, Jacqueline Severt '13 Amber Washington '07, Erica Wittkorn '13, and Adam Wolters '13.

A big thank you is extended to the alumni who served on the executive planning committee: Dr. Michael Craig '58, Dr. Melissa Benbow '04 and Dr. Ranjana Sinha '93.



Presenters, Alumni, and Committee at the Symposium



Seniors enjoy the Symposium lunch

New Student Organization Dedicated to Diversity in the Health Professions

The University of Dayton Chapter of the Multicultural Association of Premedical Students (UD-MAPS) was founded at UD in the fall of 2013. UD-MAPS is open to all students interested in health professions. The goals of UD-MAPS are to provide academic support to underrepresented minority students interested in the health

professions, create connections for students in the health professions and provide extracurricular experiences related to the health professions. A group of UD students represented our MAPS chapter at the Region V conference of SNMA held at Wright State University Boonshoft School of Medicine in October 2013. Other activities this year

included participation in blood drives on campus, tutoring at Dunbar High School and membership meetings with a variety of speakers. Next year's plans include a mentoring program for middle school students and setting up a book exchange.

2013 ADMISSIONS TO HEALTH PROFESSIONAL SCHOOLS

Nicholas Adams (MED) Wayne State U SOM

Elizabeth Albers (MED) NEOMED

Eric Antonucci (BIO) U of Cincinnati COM

Lyndsey Brown (BIO) Ohio Dominican U PA Studies

Kylie Bushroe (MED) The Ohio State U COM

Lauren Croskey (MED) Medical U of South Carolina PA Studies

Brian Demyan (MED) Lake Erie COM

Madeline Durand (BIO) Loyola U Chicago Stritch SOM

Patrick Dyer (MED) U of Toledo COM

Molly Flottman (CHM) U of Louisville SOM

Kaitlyn Francis (BSE) Wright State U Boonshoft SOM

Kaetha Frost (MED) Ohio U Heritage COM

John Giltner (BIO) Wright State U Boonshoft SOM

Matthew Haley (MED) Wayne State U SOM

We'am Hussain (MED) Wright State U Boonshoft SOM

Brandon King (BIO) Ohio U Heritage COM

David Kling (MED) Ohio U Heritage COM

Kevin Konstant (DEN) Midwestern U College of Dental Medicine - Illinois

Karen Lehan (MED) Creighton U SOM

Brian Lewis (MED) U of Cincinnati COM

Katherine Liutkus (MED) U of Wisconsin School of Veterinary Medicine

Matthew Noble (BIO) Ohio U Heritage COM

Connor Peck (MED) Marquette U School of Dentistry

Taylor Piatkowski (BIO) James Madison U Physician Assistant Studies

Caroline Sawicki (DEN) The Ohio State U College of Dentistry

Kevin Schamel (DEN) The Ohio State U College of Dentistry

William Scharpf (BIO) Campbell U SOM

Chris Schneble (MED) Indiana U COM

Erica Shelton (BIO) The Ohio State U College of Optometry

Sydney Shepherd (MED) Midwestern U Chicago COM

Angela Sibilila (MED) Ohio U Heritage COM

Ryan Spear (BCM) U of Toledo COM

Andrew Steffensmeier (MED) Wright State U Boonshoft SOM

Samantha Stringer (MED) U of Cincinnati COM

Kristen Stumphauzer (MED/PSY) Kettering College PA Studies

Patrick Sullivan (MED) U of Toledo COM

Alexander Ulintz (MED) Case Western Reserve U SOM

Greg Versteeg (BCM) The Ohio State U COM

Casey Walk (MED) Wright State U Boonshoft SOM

Mollie Walton (BIO) Creighton U School of Medicine

Margaret Weber (BIO) U of Kentucky College of Dentistry

Amy Whitaker (MED) Kansas City U of Medicine and Biosciences

Peter Wilson (BIO) Boston U School of Dental Medicine

Erika Wittkorn (BIO) Ohio U Heritage COM

William Young (DEN) U of Pittsburgh School of Dental Medicine

GRADUATING SENIOR AWARDS

Andrew Steffensmeier received the Joseph E. Scherger, M.D., MPH, Leadership in Medicine Award, which is presented to a graduating premedical student who has demonstrated leadership toward improving the health of the public through better health care. Scherger will attend Wright State University Boonshoft School of Medicine.

Kylie Bushroe received the Montgomery County Medical Society Award, which goes to the outstanding senior in a premedical curriculum. Bushroe will attend The Ohio State University College of Medicine.

Amy Whitaker received the Miami Valley Academy of Family Physicians Award, which is awarded to the graduating senior whose activities exemplify the philosophy of family medicine. Whitaker will attend Kansas City University of Medicine and Biosciences.

Michael Rohrer and **Kathleen Sellick** were the co-recipients of the Brother Francis John Molz Memorial Award, which is determined by vote from the Alpha Epsilon Delta membership, recognizing a graduating AED member who best demonstrates the qualities of unselfishness, community service and academic achievement.

CONGRATULATIONS AWARD WINNERS!