



MIDWESTERN UNIVERSITY
Health Careers Institute for High School Students
June 10 -14, 2024
DRAFT Schedule of Activities

Monday, June 10

9:00-9:30 AM

Welcome to MWU: Event Center

*Abena Patton, Manager, Special Events, Communications,
and MWU student mentors*

Special Welcome:

Kerry Mortenson, Associate Director, Admissions, Midwestern University

Mentor Bios and Introductions:

MWU student mentors

9:30-10:00 AM

Ice Breaker Activity

MWU student mentors

10:10 - 11:10 AM

Envision Optometry - White Oak Hall 116A, Optometry Methods Lab

Learn about the specialties within the field of optometry and practice eye exams and other activities in the optometry labs.

*John Gialousakis, OD, Ed.M., FAAO, Director of Curriculum Development,
Chicago College of Optometry*

11:20 -12:20 PM

Ultrasound Imaging - Science Hall 113A, OMM Lab

Discover the day-to-day functions of an emergency medicine physician, including exciting case examples, and learn how ultrasound is used to view internal anatomy in real time.

*George Borrelli, D.O., Chair, Clinical Integration, Chicago College of Osteopathic Medicine
MWU student mentors*

12:30-1:30 PM

LUNCH - Event Center

1:45-3:15 PM

Clinical Skills Training - Cardinal Hall Simulation Center

Learn how to interview patients, practice gowning and gloving for surgery, and participate in a scenario with a hospitalized manikin patient.

*Nicol Crenshaw, MBA, NRP, CCEMT-P, Clinical Simulation Educator, Clinical Skills &
Simulation Center*

MWU student mentors

3:15-4:00 PM

Scavenger Hunt - Event Center

MWU student mentors

Tuesday, June 11

- 9:00-10:00 AM **Suturing Skills - Event Center**
Practice the tricks of the trade in suturing and wound care techniques.
MWU student mentors
- 10:10 - 12:20 PM **Careers in Dental Medicine – Science Hall 201, Simulation Lab**
Learn about dental school and career options in dentistry, followed by a hands-on experience at different stations in our high-tech dental simulation lab.
Mario D. Ramos, D.D.S., M.S., Associate Professor; Nastaran Foughani, D.M.D., Assistant Professor; Kaveh Adel, D.D.S. Associate Dean; Inderjit Bawa, D.D.S., Assistant Professor; Ronald George, D.D.S., Assistant Professor; Jeffrey Wascher, D.D.S., Assistant Professor; Dawn Arnashus, D.D.S., Assistant Professor; Daniel Sula, D.D.S. Assistant Professor; Michael Jacobs, D.D.S., Assistant Professor; August Durso, D.D.S., Assistant Professor; Larry Williams, D.D.S., M.P.H., Professor; College of Dental Medicine-Illinois
- 12:30-1:30 PM **LUNCH – Event Center**
- 1:45-2:55 PM **Osteopathic Medicine Overview & Lab – Science Hall 113A, OMM Lab**
Explore the history and principles of osteopathic medicine and tips for how to best take care of yourself. Learn to utilize touch as a diagnostic and treatment tool.
OMM Student Scholars: Reem Darwish and Aly Kampen, Chicago College of Osteopathic Medicine
- 3:00-4:00 PM **IV Insertion – Science Hall 113A, OMM Lab**
Practice the art of IV insertion (intravenous catheter placed inside a vein). Note: blood activities are simulation only; no actual blood is involved.
Lori Marasovich, D.O., Director, Clinical Skills, Chicago College of Osteopathic Medicine MWU student mentors

Wednesday, June 12

- 9:00-10:00 AM **Intubation – Science Hall 113A, OMM Lab**
Participate in intubation simulation; the process where a healthcare provider inserts a tube through a person's mouth or nose, then down into their trachea (airway/windpipe).
Lori Marasovich, D.O., Director, Clinical Skills, Chicago College of Osteopathic Medicine MWU student mentors
- 10:10 -11:10 AM **Physical Therapy in Motion – Alumni Hall 101, PT Lab**
Explore the Physical Therapy profession and settings in which physical therapists practice. Learn and practice different assessment and therapy techniques that we use with infants, children, and adolescents. We will meet in our physical therapy lab. Come dressed in clothes you can move in!
Debbie Anderson, PT, Ed.D., Professor and PT Program Alumni, College of Health Sciences

11:20 AM -12:20 PM **The Many Roles of a Pharmacist – Centennial Hall 207-209, Pharmacy Lab**
Discover the many career paths available to pharmacists, including the role of the pharmacist in caring for patients with proper medication management.
Michael A. Dietrich, Pharm.D., FAzPA, Associate Dean of Professional Affairs, College of Pharmacy, Downers Grove

12:30-1:30 PM LUNCH – Event Center

1:45-2:55 PM **Physician Assistant Studies + Vital Signs – Science Hall 301**
Learn about a career as a Physician Assistant. Practice taking blood pressure and listening to heart and lung sounds with a stethoscope.
Physician Assistant Faculty, College of Health Sciences and MWU student mentors

3:00-4:00 PM **Dental Activity – Event Center**
MWU student mentors

Thursday, June 13

9:00-10:00 AM **First Aid/Basic Emergency Aid – Event Center**
Learn basic first aid, ankle wrapping, and CPR skills to quickly respond in emergencies and save lives.
MWU student mentors

10:10 -11:10 AM **Speech-Language Pathology: Tools for Improving Communication – Science Hall 401**
Learn about careers in the exciting field of Speech-Language Pathology. Participate in our activities to learn more about communication and swallowing.
Miriam Carroll-Alfano, Ph.D., CCC-SLP, Associate Professor and SLP Graduate Students, College of Health Sciences

11:20 - 11:50 AM **Precision Medicine for the Future – Alumni Hall 151**
A look at the rapidly evolving use of genomic data in healthcare fields.
Rosa Ventrella, Ph.D., Assistant Professor; Ying He, Ph.D., Assistant Professor; Precision Medicine, College of Graduate Studies

11:50 AM -12:20 PM **Public Health: More Than Just COVID-19– Alumni Hall 151**
This section will introduce students to the five main areas of emphasis for public health as well as public health careers.
Karen Gruszynski, D.V.M., M.P.H., Ph.D., DACVPM., Assistant Professor, College of Graduate Studies

12:30-1:30 PM LUNCH – Event Center

1:45 - 2:55 PM **Learning and Overcoming Challenges with Biological Research – Centennial Hall Lab 209**
Students will experience how laboratory research has reshaped our understandings of the brain and health. Students will interactively explore the brain and what it can do by interacting with a real brain specimen, testing how their own brain works in a cognitive test, and building neural circuits in a brain development simulation.
Alesia Prakapenka, Ph.D., Assistant Professor; Andrew Hawkey, Ph.D., Assistant Professor, Biomedical Sciences Program, College of Graduate Studies

3:00-4:00 PM **Anatomy Review Basics: Jeopardy - Event Center**
MWU student mentors

Friday, June 14

9:00-10:00 AM **Student Panel Q & A - Event Center**
MWU student mentors

10:10-11:10 AM **Clinical Psychology: A Look Inside Your Mind - Alumni Hall 151**
Learn the role that psychology plays in a clinical setting and in everyday life; some of it may surprise you.
Ann Sauer, Ph.D., ABPP, Program Director, Clinical Psychology, College of Health Sciences

11:20 AM -12:20 PM **Occupational Therapy Lab: Skills for the Job of Living - Alumni Hall 256**
What does an occupational therapist do? Understand career options and practice utilizing adaptive equipment and sensory experiences to improve patient function.
Monika Robinson, Dr.OT., OTR/L, Associate Professor, Occupational Therapy, College of Health Sciences

12:30-1:30 PM LUNCH - Event Center

1:45 -2:55 PM **Inside Human Bodies: A Visit to the Anatomy Lab - 5th Floor, Science Hall, Anatomy Lab**
View human anatomical specimens such as a heart, arm, brain, and others in a medical school anatomy lab. No actual dissection involved.
Sally Jo Detloff, Anatomical Lab Manager and MWU student mentors

3:00-4:00 PM **Reflection Wrap Up - Event Center**
MWU student mentors