



MIDWESTERN UNIVERSITY  
*Health Careers Institute for High School Students*  
August 1-4, 2023  
Schedule of Activities

**Tuesday, August 1**

9:00-9:30 AM

**Welcome to MWU: Introductions – Science Hall 101**

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

**Special Welcome:**

*Melissa Suckow, Dean, Chicago College of Optometry*

9:30-10:00 AM

**Ice Breaker Activity (Who’s in the Room! BINGO) – Science Hall 101**

*MWU student mentors*

10:00 AM - 12:00 PM

**Careers in Dental Medicine – Science Hall 201, Simulation Lab  
(full group)**

Learn about dental school and career options in dentistry, then try your hand at different stations in the high-tech dental simulation lab.

*Tara Foughani, D.M.D, Assistant Professor; Kaveh Adel, D.D.S Associate Dean; Michael Ori, D.D.S, Assistant Professor; Dan Sula, D.D.S, Assistant Professor; Jim Durso, D.D.S, Assistant Professor; Jeffery Wascher, D.D.S, Assistant Professor; Michael Jacobs, D.D.S, Assistant Professor; Kyong Choi, D.M.D, Assistant Professor; College of Dental Medicine-Illinois*

12:00-12:30 PM

**LUNCH – Commons Dining Room**

12:30-1:30 PM

**The Many Roles of a Pharmacist – Centennial Hall 207-209, Pharmacy Lab  
(full group)**

Discover the many career paths available to pharmacists, including the role of the pharmacist in caring for patients with proper medication management. Includes interactive patient care activities.

*Andrew Merker, Pharm.D., AAHIVP, BCIDP, Associate Professor and  
Damienne Souter, MS.Ed., MBA, Adjunct Instructor, Pharmacy Practice*

1:30-2:30 PM

**Clinical Psychology: A Look Inside Your Mind – Alumni Hall 151  
(12 students)**

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*

**Precision Medicine for the Future – Alumni Hall 153  
(12 students)**

A look at the rapidly evolving use of genomic data in healthcare fields.

*Kolla Kristjansdottir, Ph.D., Associate Director; Rosa Ventrella, Ph.D., Assistant Professor;  
Ying He, Ph.D., Assistant Professor; Precision Medicine*

2:30 -3:30 PM           **Clinical Psychology and Precision Medicine**  
SAME AS ABOVE - Switch Groups

3:30-4:00 PM           **Group Photo / Goal Setting – Science Hall 101**  
*MWU student mentors*

### **Wednesday, August 2**

9:00-10:00 AM           **Suturing Skills & First Aid Basics – Science Hall 101**  
Practice the tricks of the trade in suturing and wound care techniques.  
*MWU student mentors*

10:00-11:00 AM           **Osteopathic Medicine Overview & Lab – Science Hall 113A, OMM Lab**  
**(full group)**  
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: Amanda Bernett, Alyssa Bowen, and Stephanie Hermann*

11:00 AM -12:00 PM       **Envision Optometry – White Oak Hall 116A, Optometry Methods Lab**  
**(full group)**  
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*

**12:00-12:30 PM           LUNCH – Commons Dining Room**

12:30-1:30 PM           **Introduction: Biomedical Sciences – Science Hall Lobby & Labs 318 and 403**  
**(full group)**  
Learn how scientists utilize preclinical models to answer translationally relevant questions in biomedicine .  
*Alesia Prakapenka, Ph.D., Assistant Professor; Andrew Hawkey, Ph.D., Assistant Professor, Biomedical Sciences Program*

1:30-3:30 PM           **Clinical Skills Training – Cardinal Hall Simulation Center 4<sup>th</sup> Floor**  
**(full group)**  
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, MWU standardized patients, and MWU student mentors, Clinical Skills & Simulation Center*

3:30-4:00 PM           **Medical Terminology/Root Words – Science Hall 101**  
*MWU student mentors*

**Thursday, August 3**

9:00-10:00 AM      **Anatomy Review Basics: Jeopardy – Science Hall 101**  
*MWU student mentors*

10:00 AM -11:00 PM    **Physical Therapy in Motion – Alumni Hall 101, PT Lab**  
**(12 students)**  
Learn about careers in the Physical Therapy field, try out PT equipment, and practice different assessment and therapy techniques. We will meet in our patient therapy lab. Come dressed in clothes you can move in!  
*Debbie Anderson, PT, EdD, PCS, Professor; Christian Evans, PT, PhD, Professor; Judy Hess, PT, DHS, OCS, Associate Professor, Physical Therapy*

**Physician Assistant Studies + Vital Signs – Cardinal Hall 403-405**  
**(12 students)**  
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*

11:00 -12:00 PM      **Physical Therapy / Physician Assistant**  
SAME AS ABOVE - Switch Groups

**12:00-12:30 PM      LUNCH – Commons Dining Room**

12:30 -1:30 PM      **Core Facility Lab Tour, Science Hall 405**  
**(full group)**  
Tour the state-of-the art equipment laboratory that is available to student researchers to support research, foster collaborative projects, drive scientific innovation and engage our community by hosting STEM educational programs.  
*Ellen Kohlmeir, Ph.D., Core Facility Manager*

1:30 -3:30 PM      **Ultrasound Imaging – Science Hall 301**  
**(full group)**  
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*

3:30-4:00 PM      **Medical Case Studies Role Play – Science Hall 101**  
*MWU student mentors*

**Friday, August 4**

- 9:00-10:00 AM      **Student Panel Q & A - Science Hall 101**  
*MWU student mentors*
- 10:00-12:00 PM      **Inside Human Bodies: A Visit to the Anatomy Lab - 5<sup>th</sup> Floor, Anatomy Lab (full group)**  
View human and animal 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*
- 12:00-12:30 PM      **LUNCH - Commons Dining Room**
- 12:30-2:00 PM      **Speech-Language Pathology: Tools for Improving Communication - Science Hall 401 (12 students)**  
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, Cindy Krizizke, M.S., CCC-SLP, Clinical Assistant Professor, Judy Ball, M.S., CCC-SLP; Speech Language Pathology*
- Occupational Therapy Lab: Skills for the Job of Living - Alumni Hall 256, Occupational Therapy Lab (12 students)**  
What does an occupational therapist do? Understand career options and practice utilizing adaptive equipment and dexterity games to improve patient function.  
*Monika Robinson, Dr.OT., OTR/L, Associate Professor, Occupational Therapy*
- 2:00-3:30 PM      **Speech Language Pathology / Occupational Therapy**  
SAME AS ABOVE - Switch Groups
- 3:30-4:00 PM      **Reflection Wrap Up - Science Hall 101**  
*MWU student mentors*