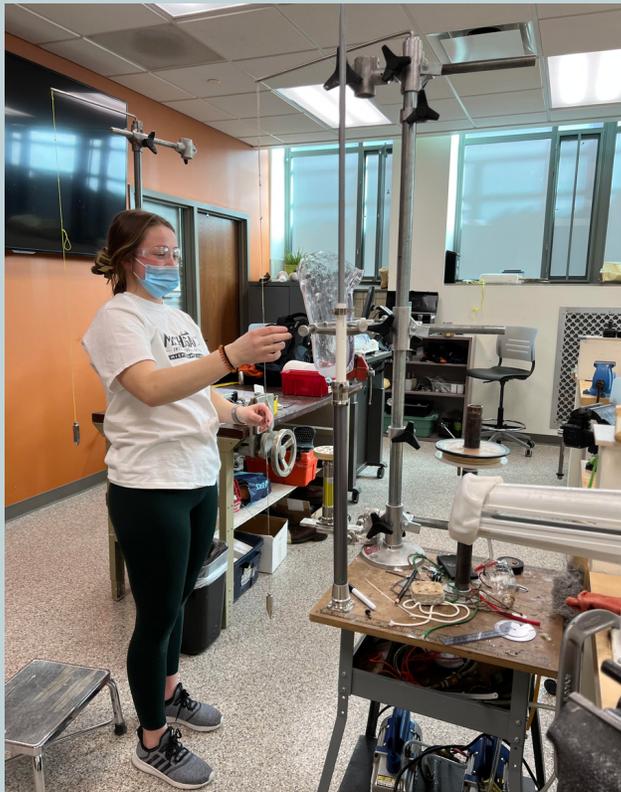




Eastern Michigan University

Orthotics & Prosthetics



We are back from Spring break, refreshed and ready to finish out the last 2 months of the semester!

First years have learned alignment and did their first transtibial socket fitting with success. Now onto the next set of transtib patient models with a fresh set of eyes on what to change and improve on from the first ones.

Second years are finishing up their capstones for presentations and working on their comprehensive exam prep.

Coming up on April 1st, our OPAF event is back up and running! We will be hosting for amputees to come and try out swimming, dancing and yoga at our gym on campus. We are excited to have this event going again to give people a chance to learn or relearn skills with their device.

2nd Year Capstone Projects

Sophia Mancini - Perceived Hazard Exposure and Accommodation While Pregnant and Not Pregnant in Orthotic & Prosthetic Employees

Amelia Zimmer - Current Practices: Lower Extremity Prosthesis Management for Pregnant Patients

Abby Cull - In-Shoe Plantar Pressure of Commonly Used Shoe Rockers

Marissa Shaver - The Effects of Using a Part-Task trainer on Palpation Techniques

Cody Coppess - The Effect of Prosthetic Simulator Use on Public Empathy for Upper Extremity Prosthetic Users

Danielle DeVine - Measuring Elasticity in Transtibial Knee Sleeves

Emily Sampson - Occupational Considerations and Hazards facing Pregnant Clinicians in O&P

Shannon Everly - Healthcare Classifications and Orthotics and Prosthetics: Are We Limited By Our Classification?

Molly Winget - Orthotists Perspectives on Physiotherapy Scoliosis Specific Exercises to Treat Idiopathic Scoliosis

Matt Brown - The Effect of Virtual Reality in Residual Limb Model Modification Instruction

Brehonna Wynn - Techniques Used When Accommodating Circumferential and Longitudinal Growth in Pediatric Transtibial sockets

Kace Lackey - Strength Comparison Between Carbon Fiber and Natural Fibers for Definitive Prosthetic and Orthotic Devices - Testing Sustainable Alternative Materials for Fabrication

Spencer Van Wagenen - Using a Mirror Box for Pattern Recognition and Training

Kaylyn Fales - The Effects of Interprofessional Education on Athletic Training and Orthotics Students Understanding of Scope of Practice and Value of IPE

Jen Kroma - What is the Rate of Burnout in Students and Clinicians in Orthotics & Prosthetics?

Victoria Heckenlively - Does a Dynamic Physical Model Influence Learning the Hip Muscle Actions

Kelsey Kellogg - Digital Modification and 3D printing fabrication Techniques to Produce a Foot Orthosis for the Treatment of Flexible Pes Planus

Remember to follow us on social media!!!



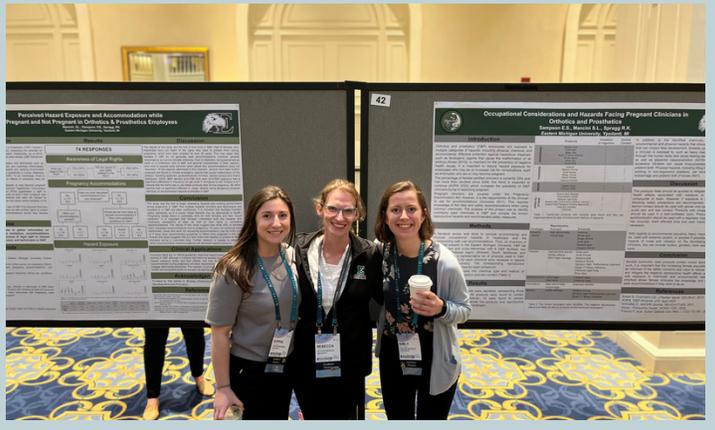
Eastern Michigan University Orthotics & Prosthetics



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AAP Academy Meeting 2023

We had an amazing turnout from the program at the annual American Academy of Orthotists & Prosthetists meeting this year! And several of our students in first and second year had posters displayed.



MEET THE NEW GA TEAM!

Jessica is from Scotland and got her undergraduate degree in Physiology & Sports Science from the University of Glasgow in 2017. Her first encounter with O&P was on a trip to Botswana shortly after graduating from Glasgow where she volunteered in a clinic and got to work with several recovering stroke patients and an amputee. After this she moved to California and worked for a physical therapist for 2 years. She then shadowed at a Hanger clinic which solidified her desire to work in the field and pursue the masters degree. As a second year GA, Jessica is excited to work as a team with her friends and the faculty to guide and help the first years in their learning!



Alex is from Cortland, OH and received his undergraduate degree in Biology with a minor in Chemistry and Psychology from the University of Mount Union. He first got into O&P because he always wanted to help people by being able to build something that improves their everyday lives. O&P allows him to be able to manufacture a device that aides in their everyday lives and there is nothing more satisfying. He is most looking forward to working with the students and faculty while helping the students learn different skills while also learning new things from them.

Kelsey grew up in Sandia Park, New Mexico and studied Biomedical Engineering at UC Davis. She has known since high school that she wanted to be involved in prosthetics but fell in love with O&P during her summer shadowing hours. This helped her realize that she wanted to work more with patient care rather than device manufacturing. As a second year GA, Kelsey is looking forward to building stronger connections with her class and the future first year class. She wants to create a comforting environment for their success.

