My My Tang

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EDUCATION

Penn LPS Coding Boot Camp **Philadelphia, PA**
Apprentice Full Stack Developer May 2023

- Successfully completed intensive bootcamp by learning the in's and out's of becoming a professional web developer, along with the required technologies, frameworks and methodologies
- Incorporated Agile methodologies into workflow, such as Test Driven Development, Behavior Driven Development and Pair Programing

Bryn Mawr College **Bryn Mawr, PA**
Bachelor of Arts, Chemistry, Cum Laude May 2021

WORK EXPERIENCE

McKay Orthopaedic Research Laboratory – University of Pennsylvania **Philadelphia, PA**
Research Specialist B - Baxter Lab Oct. 2021 – Jan. 2023

- Developed a modifiable, low-cost, and convenient small animal dynamometer that quantifies joint-level functional capacity.
- Established a rat Achilles tendon rupture model to test the effects of surgical and non-surgical treatments for acute Achilles tendon ruptures.

Research Specialist B - Hast Lab Oct. 2021 – Jan. 2023

- Performed mechanical testing of metallic and polymer-based additively manufactured implants.
- Implemented cell culture of Zinc treated cells in various microenvironments.

PUBLICATIONS AND ABTRACTS

1. ***My M. Tang*, Courtney A. Nuss, Natalie Fogarty, Josh R. Baxter**: *Plantar flexor deficits following Achilles tendon rupture: a novel small animal dynamometer and detailed instructions*. Journal of Biomechanics – 2022 (Notes: Publication) (DOI: https://doi.org/10.1016/j.jbiomech.2022.111393)

2. ***My M. Tang,* Courtney A. Nuss, Natalie Fogarty, and Josh R. Baxter:** *Plantar Flexor Functional Deficits Are Reduced Following Surgical Repair Of Achilles Tendon Ruptures In A Rat Model.* Orthopaedic Research Society – Annual Meeting. Feb. 2023 – Dallas, TX (Notes: Poster Presentation)

3. ***My M. Tang*, Natalie Fogarty, Courtney A. Nuss, Todd J. Hullfish, Tejvir Khurana, and Josh R. Baxter:** *Surgically repairing Achilles tendon ruptures restores plantar flexor function better than non-surgical treatment in a rat model*. American Orthopaedic Foot and Ankle Society – Annual Meeting. Sep. 2022 – Québec, Canada (Notes: Nominated Abstract) (DOI: https://doi.org/10.1177/2473011421S00967)

TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript
Databases: mySQL
Software/Tools: Node.js, Express.js, React.js, Handlebars, GIT, GitHub