

# **Michael E. Zabala, Ph.D.**

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## **EDUCATION**

- 2013 – Ph.D. Mechanical Engineering - Stanford University
  - Dissertation: “The effects of ACL injury and reconstruction on gait mechanics and the initiation of knee osteoarthritis”
- 2010 – M.S. Mechanical Engineering, Stanford University
- 2007 – B.S. Mechanical Engineering, Auburn University, *Summa Cum Laude*

## **PROFESSIONAL EXPERIENCE**

- 2016-PRESENT: Assistant Professor, Mechanical Engineering, Auburn University
- 2014-2016: Senior Associate, Exponent, Inc., Biomechanics Practice
- 2013-2014: Associate, Exponent, Inc., Biomechanics Practice

## **TEACHING**

- 2020-PRESENT: Course Instructor, *Mechanical Engineering Statics*, Auburn University
- **2019-PRESENT: Course Developer and Instructor, *Biomechanics and Engineering in the Arts*, Auburn University, taught in Florence, Italy**
  - **Finalist for “GoAbroad Innovation Award” for New Study Abroad Program (2020)**
- 2018-PRESENT: Course Instructor, *Biomechanical Engineering*, Auburn University
- 2016-2020: Course Instructor, *Statics and Dynamics*, Auburn University

## **SCULPTING EXPERIENCE**

- Began sculpting marble in the summer of 2020
  - Marble acquired from the AM3 marble quarry in Sylacauga, Alabama
- Sculpted three pieces total
  - *Abstract Italy* (2020)
  - *My Love* (2020)
  - *My Fault* (2021)
- Featured sculptor at the 2021 Sylacauga Marble Festival (4/6-4/17/2021)
- *My Love* featured on display inside B.B. Comer Memorial Library during 2021 Sylacauga Marble Festival (4/6-4/17/2021)
- Awarded “Merit Award” for *My Love* at the 2021 Auburn City Fest (4/22/2021)