

Curriculum Vitae
FABRICIO SAUCEDO, Jr., M.Sc.
The University of Texas at El Paso
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EDUCATION

Doctorate of Inter. Health Science- *The University of Texas at El Paso- El Paso, TX*

- 2015 – present Expected graduation (*December 2018*)

Master of Science- *The University of Texas at El Paso- El Paso, TX*

- *Graduation date (May 2014)*

Bachelor of Science- *The University of Texas at El Paso- El Paso, TX*

- *Graduation date (December 2011)*

WORK AND TEACHING EXPERIENCE

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| <i>August 2015 – present</i> | The University of Texas at El Paso- El Paso, TX Department of Interdisciplinary Health Sciences Graduate Research Assistant/Lab Manager (<i>Stanley E. Fulton Biomechanics and Motor Behavior Laboratory</i>) |
| <i>July 2014 – July 2015</i> | Harvard University- Cambridge, MA Harvard Bio-design Lab (Walsh Group) Department of Engineering & Applied Sciences Post-graduate Research Fellow |
| <i>July 2014 – July 2015</i> | Wyss Institute for Bio-Inspired Engineering- Boston, MA Harvard Medical School Post-graduate Research Fellow |
| <i>Jan 2012 – May 2014</i> | University of Texas at El Paso- El Paso, TX Department of Kinesiology Graduate Teaching Assistant (<i>Undergraduate Biomechanics Laboratory Courses/ 4 Sections, Graduate Measurements and Techniques of Exercise Physiology, Graduate Measurements and Techniques of Biomechanics</i>) |
| <i>Jan 2011 - May 2014</i> | University of Texas at El Paso- El Paso, TX Department of Kinesiology Research Assistant (<i>Stanley E. Fulton Biomechanics and Motor Behavior Laboratory</i>) |

CURRENT RESPONSIBILITIES

- Management and daily operation of the Stanley E. Fulton Biomechanics and Motor Behavior Laboratory.
- Oversee the performance of graduate and undergraduate research assistants
- Manage appointments for all incoming research participants and guests
- Independently conduct evaluations for all incoming research participants
- Troubleshoot and debug equipment (when needed)
- Manage lab funds and update all respective logs
- Assist other students with individual projects and research

HARDWARE EXPERIENCE/SKILLS

- Motion Capture (VICON) and Force plate (AMTI) data acquisition
- Electromyography signal acquisition and signal analysis (DELSYS Trigno/Bagnoli)
- Parvomedics metabolic cart
- BIODEX Systems
- Cosmed K4B2 portable metabolic system
- Cosmed BODPOD (air displacement plethysmography) for assessment of body composition
- Galileo Whole-body vibration platform
- DEXA scanner for assessment of bone mineral density
- World Instruments Galvanic Vestibular Stimulation unit balance

SOFTWARE PACKAGE EXPERIENCE/SKILLS

- Matlab
- C-motion Visual 3D
- Vicon Workstation/Nexus
- Microsoft Office Suites (Excel, Word, PowerPoint)
- SPSS Statistical Analysis Package
- Graphpad Prism

CLINICAL POPULATION EXPERIENCE/SKILLS

- Experience working with healthy populations (young and older adults)
- Experience working with clinical populations (Parkinson's Disease, Stroke, Multiple Sclerosis, low-mobility older adults, and concussed athletes)

PUBLICATIONS

Papers in refereed journals:

- **Saucedo, F.**, & Yang, F. (2017). Effects of visual deprivation on stability among young and older adults during treadmill walking. *Gait & Posture*, 54, 106-111.
- Malcolm, P., Lee, S., Crea, S., Siviyy, C., **Saucedo, F.**, Galiana, I., ... & Walsh, C. J. (2017). Varying negative work assistance at the ankle with a soft exosuit during loaded walking. *Journal of NeuroEngineering and Rehabilitation*, 14(1), 62.
- Ambati, V. P., Murray, N. G., **Saucedo, F.**, Powell, D. W., & Reed-Jones, R. J. (2013). Constraining eye movement when redirecting walking trajectories alters turning control in healthy young adults. *Experimental Brain Research*, 226(4), 549-556.
- Murray, N., Ambati, P. V., **Saucedo, F.**, Contreras, M., Salvatore, A., & Reed-Jones, R. (2012, May). Assessment Of Oculomotor Control And Balance In Concussed And Non-concussed Individuals. *Medicine and Science and Sports and Exercise*, (Vol. 44, pp. 545).
- Murray, N., de Leon, M. P., Ambati, V. P., **Saucedo, F.**, Kennedy, E., & Reed-Jones, R. (2013). Acute Disturbances of Vision during Walking and Turning. *Journal of Vision*, 13(9), 1333-1333.

Manuscripts in Preparation:

- **Saucedo, F** & Yang, F. (2017). Static perturbation training to improve dynamic stability during overground slip in young adults. *Gait & Posture*. **(In Preparation)**
- **Saucedo, F.**, McIntosh, E., Vallis, L., & Reed-Jones, R. (2015) "Caution: Don't watch your step? Healthy young adults do not fixate a dynamic obstacle". *Gait & Posture*. **(In Review)**
- Santos, T., Araújo, V., Lee, S., **Saucedo, F.**, Allen, S., Siviyy, C.J., Fonseca, T., Walsh, C., & Holt, K.G. (2015). Non-uniform increases in lower limb joint stiffness maintain center of mass orientation to ankle and knee during load carriage walking, *Journal of Biomechanics*. **(In Review)**

SCHOLARLY PRESENTATIONS

Sept 2016 University of Texas at El Paso Annual Research Symposium
(El, Paso, TX) *(student presenter)*

May 2016 Annual Meeting of the American College of Sports Medicine
(Boston, MA) *(student presenter)*

- Mar 2016 Victoria University Web Symposium (El Paso, TX) (*student presenter*)
- Feb 2016 Annual Meeting of the American College of Sports Medicine (Texas Chapter) (College Station, TX) (*student presenter*)

AWARDS

- Aug 2017 STARS Scholarship- \$2,000.00
- May 2017 American Society of Biomechanics Diversity Award - \$500.00
- May 2017 UTEP Graduate School Travel Grant- \$850.00
- Sept 2016 Frank B. Cotton Trust Scholarship- \$2,000.00
- Feb 2016 UTEP Graduate School Travel Grant- \$776.00

STUDENT MENTORSHIP

- Fall 2017 Corey Rivers (*Undergraduate Research Assistant*)
Samantha Munoz (*Undergraduate Research Assistant*)
Larisa Castro (*Undergraduate Research Assistant*)
- Summer 2016 Jade Smith (*BUILDING Scholars Program*)
Laura Martinez (*BUILDING Scholars Program*)
- Fall 2016 Giselle Cayme (*BUILDING Scholars Program*)

CERTIFICATIONS

- 2014 - present CITI safety training certification
- 2013 - present CPR and AED Certified

PROFESSIONAL MEMBERSHIPS

- National Strength and Conditioning Association
- American College of Sports Medicine (Texas Chapter)

PROFESSIONAL REFERENCES

Available upon request