# JASON BAXTER BOYLE

College of Health Sciences
The University of Texas at El Paso
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Website: VRMC lab

## EDUCATION

Doctor of Philosophy, Kinesiology *(Motor Neuroscience)* May 2014
Title: *Optimizing the Control of High Index of Difficulty Movements: An Investigation of Feedback Influence on Young and Elderly Motor Behavior*
Advisor: Dr. Charles H. Shea
*Texas A&M University, College Station, TX*

Master of Science, Kinesiology *(Motor Neuroscience)* Dec 2010
*Texas A&M University, College Station, TX*

Bachelor of Science, Kinesiology *(Motor Behavior)* Dec 2008
Minor, Psychology
*Texas A&M University, College Station, TX*

## PROFESSIONAL EXPERIENCE

Assistant Professor (Dual Appointment)
- Department of Kinesiology Sep 2014 –
- Doctor of Physical Therapy Program Jan 2015 –

Lecturer Sep 2013 – Aug 2014
*The University of Texas at El Paso, El Paso, TX*

Lecturer (Adjunct) Sep 2017 –
- Department of Kinesiology

*Sam Houston State University, Huntsville, TX*

Strategic Fellowship Research Assistant Aug 2012 – Aug 2013
*Texas A&M University, College Station, TX*

Graduate Teaching/Research Assistant Jan 2009 – Aug 2012
*Texas A&M University, College Station, TX*

## TEACHING EXPERIENCE

The University of Texas at El Paso

- KIN 2332 Motor Learning & Control
- KIN 3333 Motor Development
- KIN 4310 Selected Topics: Motor Neuroscience

## TEACHING EXPERIENCE (Continued)

- KIN 4313 Biomechanics
- KIN 5373 Motor Learning & Control (Masters of Kinesiology Program)
- DRSC 5390 Neuroscience for Health Sciences (Doctor of Physical Therapy Program)
- PT 6207 Motor Control & Motor Learning (Doctor of Physical Therapy Program)

Sam Houston State University

- KINE 3364 Motor Learning (Online)

## PUBLICATIONS

Refereed Journal

*Denotes Student Master's Thesis, ⁺ Denotes Corresponding Author

1. Wang, C., **Boyle, J.B.**, Boyi, D., & Shea, C.H. (2017) Do accuracy requirements change bimanual and unimanual control strategies? *Experimental Brain Research*, 235, 1467-1469.
2. Naaktgeboren, K., Dorgo, S., & **Boyle, J.B.** (2017) Growth Plate Injuries in Children in Sport: a Review of Sever's Disease. *Strength and Conditioning Journal*, 39, 59-68.
3. **Boyle, J.B.**, Kennedy, D., Wang, C., & Shea, C.H. (2016). Optimizing high ID performance: The role of the tracking template. *Journal of Motor Learning and Development*, 4.1, 80-99.
4. **Boyle, J.B.**, Kennedy, D.M., & Shea, C.H. (2015). A novel approach to enhancing limb control in older adults. *Experimental Brain Research*, 233, 2061-2071. Impact factor: 1.87
5. Kennedy, D.M., **Boyle, J.B.**, Wang, C., & Shea, C.H. (2014). Bimanual force control: Cooperation and interference? *Psychological Research,* 80, 34-54. Impact factor: 1.83
6. Kennedy D.M., **Boyle, J.B.,** Rhee, J. & Shea, C.H. (2014) Rhythmical Bimanual Force Production: Homologous and Non-Homologous Muscles. *Experimental Brain Research*, *233*, 181-195. Impact factor: 2.47
7. **Boyle, J.B.,** Kennedy, D., Wang, C., & Shea, C.H. (2014). The sine wave protocol: Decreasing movement time without increasing errors. *Journal of Motor Behavior*, *46*, 233-241. Impact factor: 1.25
8. **Boyle, J.B.,** Panzer, S., Wang, C., Kennedy, D., & Shea, C.H. (2013). Optimizing the control of high ID single degree of freedom movements: Re-thinking the power of the visual display. *Experimental Brain Research*, *231*, 479-493. Impact factor: 2.67
9. Wang, C., Kennedy, D., **Boyle, J.B.,** & Shea, C.H. (2013). A guide to performing difficult bimanual coordination tasks: Just follow the yellow brick road. *Experimental Brain Research*, 230: 31-40. Impact factor: 2.67
10. **Boyle, J.B.** & Shea, C.H. (2013). Micro-movements of varying difficulties: Wrist and arm movements. *Experimental Brain Research*, *229*, 61-73. Impact factor: 2.67
11. Kennedy, D., **Boyle, J.B.,** & Shea, C.H. (2012). The role of auditory and visual models in the production of bimanual tapping patterns. *Experimental Brain Research*, *224*, 507-518. Impact factor: 3.37

12. **Boyle, J.B.,** Kennedy, D., & Shea, C.H. (2012). Optimizing the control of high ID single degree of freedom movements: Re-thinking the obvious. *Experimental Brain Research*, *223*, 377-387. Impact factor: 3.37
13. Panzer, S., **Boyle, J.B.,** & Shea, C.H (2012). Additional load decrease movement time in the wrist but not in arm movements at ID 6. *Experimental Brain Research*, *224*, 243-253. Impact factor: 3.37
14. **Boyle, J.B.**, Panzer, S., Wright, D., & Shea, C.H. (2012). Extended practice of reciprocal wrist and arm movements of varying difficulties. *Acta Psychologica, 140*, 142-153. Impact factor: 2.61
15. **Boyle, J.B.**, Panzer, S., & Shea, C.H. (2012). Increasingly complex bimanual multi-frequency coordination patterns are equally easy to perform with on-line relative velocity feedback. *Experimental Brain Research*, *216*, 515-525. Impact factor: 3.37
16. Shea, C.H., **Boyle, J.B.**, & Kovacs, A.J. (2012). Bimanual Fitts' tasks: Kelso, Southard, and Goodman, 1979 revisited, *Experimental Brain Research*, *216*, 113-121. Impact factor: 3.37
17. **Boyle, J.B.,** & Shea, C.H. (2011). Wrist and arm movements of varying difficulties. *Acta Psychologica*, *137*, 382-396. Impact factor: 2.77
18. Kovacs, A.J., **Boyle, J.B.**, Grutmatcher, N., & Shea, C.H. (2010). Coding of on-line and pre-planned movement sequences. *Acta Psychologica*, *133*, 119-126. Impact factor: 3.27

<u>Under Review</u>

1. Perales, J.*, Dorgo, S., **Boyle, J.B.** & Hauselle, J. (in revision) *Effects of Treadmill and Overground Sprint Training on Sprint Performance in Young Adults. Journal of Sport Sciences*
2. **Boyle, J.B.**[+], Yang, F., Gamez, A.S. & Stewart, D.* (submitted). Pre-flight adjustments: The role of Fitts law in a two footed forward leap. *Perceptual and Motor Skills*
3. Howard, J.*, Dorgo, S., Salvatore, A. & **Boyle, J.B.**[+] (submitted) The Use of Mobile Phone Applications for Concussions When Athletic Trainers Are Not Present. *Journal of Physical Education, Recreation & Dance.*
4. **Boyle, J.B.**[+], Stewart, D., Gamez, A.S. & Meeuwsen, H.J., (submitted). The Contextual Interference Effect in Straight and Breaking Putts. *International Journal of Golf Science*
5. Gamez, A.S.*, Manning, R., Wang, C., Cisneros, A., Meeuwsen, H.J., & **Boyle, J.B.**[+], (in prep) A Novel Approach to Enhancing Upper Extremity Coordination in Children with Autism Spectrum Disorder. *Journal of Autism and Developmental Disorders*

<u>National & International Presentations (abstracts)</u>

*Denotes Student Involvement

1. **Boyle, J.B.**, Kennedy, D.M., Saucedo, F. & Cereceres, P. (submitted). The role of actor vs observer in reciprocal upper extremity sine wave tracking. Journal of Sport & Exercise Psychology, 40.
2. **Boyle, J.B.**, Stewart, D & Cereceres, P. (submitted). Target two and its effect on the preparatory position of the bodies center of mass prior to a two-footed forward leap. Journal of Sport & Exercise Psychology, 40.

3. Stewart, D, Saucedo, F., Cereceres, P. & **Boyle, J.B.**, (submitted). Random, timed and self-paced: How preparation time affects the loading of the body prior to flight in a two-footed forward leap. Journal of Sport & Exercise Psychology, 40.
4. Gamez, A.*, Wang, C., Manning, R. & **Boyle, J.B.** (2017). A novel approach to enhancing upper extremity coordination in children with autism spectrum disorder. Journal of Sport & Exercise Psychology,39
5. **Boyle, J.B.**, Wang, C., Gamez, A.*, & Ables, A.* (2016). Single and dual leg Fitts task: Is two better than one? *Journal of Sport & Exercise Psychology*,38
6. **Boyle, J.B.**, Sullivant, F.*, & Yang, F. (2016). The effect of task difficulty on center of mass loading in a two footed forward leap. *Journal of Sport & Exercise Psychology*,38
7. **Boyle, J.B.**, Kennedy, D.M., Wang, C., & Shea, C.H. (2015). Optimizing high ID performance: The role of the tracking template. *Journal of Sport & Exercise Psychology*, 37
8. Kennedy D.M., Wang C, **Boyle J.B.**, & Shea C.H. (2014). The effects of homologous and non-homologous muscle activation on neural crosstalk. *Journal of Sport & Exercise Psychology*, 36
9. **Boyle, J.B.**, Kennedy, D.M., Wang, C., & Shea, C.H. (2014). Age-related kinematic changes following sine wave tracking. *Journal of Sport & Exercise Psychology*, 36
10. Wang, C., Kennedy, D.M., **Boyle, J.B.**, & Shea, C.H. (2014). Bimanual and unimanual movement sequences: The role of element difficulty. *Journal of Sport & Exercise Psychology*, 36
11. Kennedy, D.M., Wang, C., **Boyle, J.B.**, & Shea, C.H. Rhythmical bimanual force production: Homologous and non-homologous muscles. Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2013
12. **Boyle, J.B**., Kennedy, D., Wang, C., & Shea, C.H. (2013). The role of amplitude in high ID movement optimization. *Journal of Sport & Exercise Psychology*, 35 (Supplement): S22
13. Kennedy, D., **Boyle, J.B.,** Wang, C., & Shea, C.H. (2013). Bimanual Force Control: Cooperation and Interference? *Journal of Sport & Exercise Psychology*, 35 (Supplement): S33
14. **Boyle, J.B**., Kennedy, D., Wang, C., & Shea, C.H. (2013). Optimizing the control of high ID wrist and arm movements *Journal of Sport & Exercise Psychology*, 35 (Supplement): S21
15. **Boyle, J.B.,** & Shea, C.H. Normal and micro-movements of varying difficulties: Wrist and arm movements. Program No. 591.14. 2012 Neuroscience Meeting Planner. New Orleans, LA: Society for Neuroscience, 2012
16. Shea, C.H., & **Boyle, J.B.** Optimizing the control of High ID reciprocal aiming. 2012 Neuroscience Meeting Planner. New Orleans, LA: Society for Neuroscience, 2012
17. Kennedy, D., **Boyle, J.B.,** & Shea, C.H. (2012). Utilizing auditory and visual cues in a multi frequency tapping experiment. *Journal of Sport & Exercise Psychology*, 34 (Supplement): S64
18. **Boyle, J.B**., Kennedy, D., & Shea, C.H. (2012). Harmonic reciprocal motion at an ID of 6: Rethinking the obvious. *Journal of Sport & Exercise Psychology*, 34 (Supplement): S64
19. **Boyle, J.B**., & Shea, C.H. (2011). Control of wrist and arm movements of varying difficulties. *Journal of Sport & Exercise Psychology*, 33 (Supplement): S56

20. **Boyle, J.B**., & Shea, C.H. (2011). Arm and wrist control: Extended practice Fitts task. *Journal of Sport & Exercise Psychology*, 33 (Supplement): S56
21. Shea, C.H., & **Boyle, J.B**. (2011). Bimanual coordination: Evaluating feedback displays. *Journal of Sport & Exercise Psychology*, 33 (Supplement): S11

Local & Regional Presentations

*Denotes Student Involvement

1. Gamez, A.S.* & **Boyle, J.B.** (2017). A novel approach to enhancing upper extremity coordination in children with autism spectrum disorder. UTEP College of Health Sciences, Healthy Exchange Forum.
2. UTEP Masters of Occupational Therapy Program (Guest Lecture, Sensory Development). Presentation Title: Motor Development: Current issues OT's face. (2017)
3. Gamez, A.S.* & **Boyle, J.B.** (2016). The effect of task difficulty on center of mass loading in a two footed forward leap. UTEP College of Health Sciences, Healthy Exchange Forum.
4. UTEP Doctor of Physical Therapy Program (Guest Lecture, Neuro modalities II). Presentation Title: Cellular to Behavioral Plasticity. (2015)
5. Kennedy, D.M., Wang, C., **Boyle, J.B.**, & Shea, C.H. (2014). Rhythmical bimanual force production: Homologous and non-homologous muscles. Texas A&M Student Research Week.
6. **Boyle, J.B.** (2014). Kinematic changes following sine wave tracking: A novel approach to enhancing elderly limb control. UTEP College of Health Sciences, Healthy Exchange Forum.
7. Meeuwsen, H. J., Yang, F., & **Boyle, J.B.** (2014). The challenges of adopting Team Based Learning in the first semester as a faculty member. Paper presented at the International Sun Conference on Teaching and Learning. The University of Texas at El Paso, El Paso, TX. March 7.
8. Kennedy, D.M., Wang, C., **Boyle, J.B.**, & Shea, C.H. (2014). Rhythmical bimanual force production: Homologous and non-homologous muscles. Texas A&M Society for Neuroscience.
9. **Boyle, J.B.** (2014) Victoria University College of Health & Biomedicine, Melbourne Australia (Teleconference) Presentation Title: Kinematic changes following sine wave tracking: A novel approach to enhancing elderly limb control.
10. Kennedy, D.M., **Boyle, J.B.**, Wang, C., & Shea, C.H. (2013). Bimanual force control: Cooperation & interference. Texas A&M Student Research Week.
11. Kennedy, D.M., **Boyle, J.B.**, & Shea, C.H. (2012). Rhythmical bimanual force production: 1:2 and 2:3 coordination patterns. Texas Brain & Spine Institute 6$^{th}$ Annual Neuroscience Symposium.
12. Kennedy, D.M., **Boyle, J.B.**, & Shea, C.H. (2012). Polyrhythmic Bimanual force production. Texas A&M Institute for Neuroscience Annual Poster Session
13. Shea, C.H., **Boyle, J.B.**, & Kovacs, A. (2012). Bimanual Fitts' tasks: Kelso, Southard, and Goodman, 1979 revisited. Verbal presentation: Texas A&M Student Research Week.
14. Kennedy, D., **Boyle, J.B.,** & Shea, C.H. (2012). Utilizing auditory and visual cues in a multi frequency tapping experiment. Poster presentation: Texas A&M Student Research Week.

Community Outreach

1. **Boyle, J.B.** Controlling the Wrist and Arm. The Eagle: Fitness and Sports Science Blog (June 2015). http://www.theeagle.com
2. **Boyle, J.B.** Improving Goal-Directed Limb Movement: Don't Overthink This! Sydney and JL Huffines Institute for Sports Medicine and Human Performance Weekly Public Sports Medicine Topic. (June 2013). http://huffinesinstitute.org/resources/articles
3. **Boyle, J.B.** Control of wrist and arm movements of varying difficulties. Sydney and JL Huffines Institute for Sports Medicine and Human Performance Weekly Public Sports Medicine Topic. (March 2012). http://huffinesinstitute.org/resources/articles

## GRANTS

External: Submitted

- Simons Foundation
  Autism Research Initiative- Pilot Grant Program (LOI Submitted 12/1/2017)
  **PI: Jason B Boyle**
  CO-I: Rhonda Manning, Stephanie Capshaw, Veronica Whitford
  *Project Title: Neural Correlates of Discrete and Cyclical Upper Extremity Action*

External: Funded

- NIH-NIGMS, R25, PAR-13-333 (2016)
  National Institutes of Health- National Institute of General Medical Sciences
  PI: Delfina Dominguez (UTEP representative)
  **Faculty Mentor: Jason B Boyle**
  *Project Title: Bridges to the Baccalaureate*

External: Not Funded

- Autism Science Foundation (2017)
  Research Accelerator Grant
  **PI: Jason B Boyle**
  Co-I: Rhonda Manning, Stephanie Capshaw, Patrick Cereceres, Fabricio Saucedo
  *Project Title: Sensory Integration and Motor Behavior: An Investigation of Upper Extremity Control in Children Diagnosed with ASD*

- NSF-PAC, PD-09-7252 (2017)
  National Science Foundation- Division of Behavioral and Cognitive Sciences
  Perception, Action & Cognition
  **PI: Jason B Boyle**
  Co-PI: Deanna Kennedy (Texas A&M University)
  *Project Title: The critical index of difficulty in augmented virtual environment*

- Simons Foundation Autism Research Initiative-Explorer Awards (2017)
  **PI: Jason B Boyle**
  *Project Title: ASD motor control: Issues and enhancements in perception-to-action*

- NIH-NIBIB, R03, PA-16-162 (2016)
  National Institutes of Health- National Institute of Biomedical Imaging and Bioengineering
  **PI: Jason B Boyle**
  CO-I: Chaoyi Wang (First hospital of Jilin University, China)
  *Project Title: Critical ID Shifts: The Role of Visual and Physical Manipulations in Upper Extremity Motor Control*

- Texas Physical Therapy Association (2015)
  **PI: Jason B Boyle**
  Co-I: Rhonda Manning, Ana Cisneros
  *Project Title: An investigation of upper limb control adaptability in high functioning Autism spectrum disorder patients*

<u>Internal: Funded</u>

- The University of Texas at El Paso- University Research Initiative Program (2015) $5,000
  *Project Title: Kinematic components of limb movement in visually augmented environments*
- TAMU College of Education and Human Development Strategic Fellowship (2013) $20,000
- TAMU College of Education and Human Development Strategic Fellowship (2012) $20,000
- Huffines Institute of Human Performance and Sports Medicine- Research (2012) $1,500
  *Project Title: Optimizing Goal Directed Movement at Varying Levels of Feedback Manipulation*
- Huffines Institute of Human Performance and Sports Medicine- Travel Grant (2012) $800
- TAMU College of Education and Human Development Research Grant (2012) $950
  *Project Title: Arm and Wrist Kinematics under Visual and Physical Gain Manipulations*
- TAMU College of Education and Human Development- Travel Grant (2012) $500
- Huffines Institute of Human Performance and Sports Medicine Travel Grant (2011) $750

<u>Student: Funded</u>

- UTEP Graduate School: Dodson Research Grant (2017)
  Student: Patrick Cereceres
  Amount: $3,000
  *Project Title: Auditory oscillations and their role in upper extremity motor control*
- UTEP Graduate School: Dodson Research Grant (2017)
  Student: Fabricio Saucedo
  Amount: $3,000
  *Project Title: Effects of Controlled Whole-body Vibration Training on Reducing Falls Among Mexican-American Stroke Patients*
- UTEP Graduate School Travel Award (2017)
  Student: Alejandra Gamez
  Amount: $850

- UTEP College of Health Sciences Travel Award (2017)
  Student: Alejandra Gamez
  Amount: $500
- UTEP Graduate School: Summer Research Assistantship Award (2017)
  Student: Dorothy Stewart
  Amount: $3,000
- UTEP Graduate School Travel Award (2017)
  Student: Fabricio Saucedo
  Amount: $850
- American Society of Biomechanics Diversity Travel Award (2017)
  Student: Fabricio Saucedo
  Amount: $500
- Organization for Autism Research-Graduate Research Grant Program (2016)
  Student: Alejandra Gamez
  Amount: $1,000
  *Project Title: A Novel Approach to Enhancing Upper Extremity Coordination in Children with Autism Spectrum Disorder*

## REVIEW WORK

Journal

- Journal of Motor Behavior
- Journal of Motor Learning and Development
- Perceptual and Motor Skills
- Journal of Sports Sciences
- Frontiers in Psychology
- BMC Neurology

Textbook

- Introduction to Statistics in Kinesiology. Mood, D.P., & Morrow, J.R. 2014

## AWARDS

TAMU College of Education and Human Development Distinguished Honor Graduate 2014
TAMU College of Education and Human Development Strategic Fellowship 2013
TAMU College of Education and Human Development Strategic Fellowship 2012

## SERVICE

University

- UTEP Faculty Senate
  - Dept of Kinesiology 2015 – 2017
  - Dept Rehab Sciences (Alternate) 2017 –
- UTEP Graduate Student Research Expo (Faculty Judge) 2015 –

College of Health Sciences

- Interdisciplinary PhD Program Executive Council 2015 –
- Web Development & Technology Committee 2013 –

Department of Kinesiology

- State employee charitable campaign (SECC) dept. coordinator 2017 –
- Department of Kinesiology Primary Web Developer 2017 –
- Assistant/Associate Professor of Kinesiology search (Committee member) 2016, 2017
- Dodson Funds Allocation (Committee member) 2015
- Assistant/Associate Professor of Pedagogy search (Committee member) 2014, 2015
- Miner Madness 3V3 Shootout (Co-Director, Basketball Tournament) 2014, 2015
- COHS Miner Dash 5K
    - Account manager 2014
    - Route organizer 2016, 2017

## MENTORSHIP

Chair- Interdisciplinary Health Sciences PhD Program

- Fabricio Saucedo *current*
  *Dissertation Title: Effects of Controlled Whole-body Vibration Training on Reducing Falls Among Mexican-American Stroke Patients*
- Patrick Cereceres *current*

Chair- Masters Committee

- Chris McMillen *current*
- Jallycia Pearson *current*
- Clarissa Diaz *current*
- Saul Soto *current*
- Tim Groover *current*
- Dorothy Stewart *current*
- Alejandra Gamez *Fall 2017*
  *Thesis Title: A Novel Approach to Enhancing Upper Extremity Coordination in Children with Autism Spectrum Disorder*
- Julie Howard *Spring 2017*
  *Project Title: The use of mobile phone applications for concussions when athletic trainers are not present*
- Paulina Sanchez-Barrios Spring 2016
  *Project Title: Influence of gestational age and/or birth weight on Autism Spectrum Disorders*

Chair- Undergraduate Honors Thesis

- Jorge Sanchez Tarango Spring 2017
  *Thesis Title: Monomelic Amyotrophy: A Current Review of the Literature*

- Olivia Kolenc Fall 2015
  *Thesis Title: A critical review of motor control applications to human factors engineering*

Member- Masters Committee

- Anthony Moye Fall 2017
  *Project Title:*
- Micah Baisden Spring 2017
  *Project Title: Classroom response systems and performance on Examinations and other assessments*
- Patrick Cereceres Fall 2016
  *Thesis Title: Treadmill-based perturbation training for Preventing falls among young adults*
- Jeremy Perales Spring 2016
  *Thesis Title: Comparison of the Effectiveness of Treadmill VS. Overground Sprint Training*
- Stacey Bridges Fall 2015
  *Project Title: Leadership in sports: From theory to application. A guide for coaches*
- Kristal Vigil
  *Project Title: Effects of physical activity on the decrease of fetal macrosomia*
- Jennifer Waltz
  *Project Title: Causal attributions among competitive sport athletes: Thoughts, affective responses, and methods for improving performance*
- Jenna Swengros Spring 2015
  *Project Title: Implications of diverse research findings in the design of internet-based physical activity programs*
- Kaitlin Naaktgeboren Fall 2014
  *Project Title: Growth plate Injuries in adolescent children in sports: A review of Sever's disease*

Graduate Independent Studies / Research

- Dorothy Stewart Spring 2017
- Mohssen Sajjadi (*Electrical & Computer Engineering*) Fall 2016
- Alejandra Gamez Fall 2015
- Julie Howard
- Sergio Guerrero (*Electrical & Computer Engineering*)
- Gary Badley (*Electrical & Computer Engineering*) Spring 2015
- Micah Baisden
- Simon Bejarano
- Frank Sullivant
- Lorin Jeppsen

Undergraduate Independent Studies / Research

- Lauren Chacon (Building Scholars program) Spring 2017
- Selene Lopez (COURI program)
- Joshua Villalobos
- Jaime Perez (*Electrical & Computer Engineering*)
- Gabriel Galarza (*Electrical & Computer Engineering*)
- Edgar Acosta (*Electrical & Computer Engineering*)
- Julio Lujan (*Electrical & Computer Engineering*)
- Jasmin Jenkins Fall 2016
- Lauren Ortega
- Javier Ornelas (*Electrical & Computer Engineering*) Spring 2016
- Noemi Falcon (*Electrical & Computer Engineering*) Fall 2015
- Kevin Rincon
- Alicia Ables
- Tomiwa Akinbayo Spring 2015
- Oscar Gamez

GEARS Golf Lab Internship

- Lauren Chacon Fall 2016

**PROFESSIONAL ORGANIZATIONS**

- North American Society for Psychology of Sport and Physical Activity (NASPSPA) 2011 –
  - Motor Control Poster Session Moderator (6/16/2016)
- Society for Neuroscience (SFN) 2012 – 2014
- Sigma Xi -The Scientific Research Society 2012 – 2013
- Human Factors and Ergonomics Society (HFES) 2012 – 2013

**PROFESSIONAL WORKSHOPS ATTENDED**

- CID: Introduction to Nano Learning (Universal Design) in the online Environment Workshop 2017
- CID: Blackboard Mobile Learning Design in the online environment
- CFLD: Transforming Classrooms Through Liberating Structures (CFLD Fall Retreat)
- CFLD: The Affinity Research Model
- CFLD: Mentoring Matters Workshop
- Center for Instructional Design (CID): Flip your classroom with office mix
- Center for Faculty Leadership and Development (CFLD): Elements of Successful Assessment Plans
- Academic Technologies Center for Instructional Design: Blackboard: Building Group discussions 2016
- CETaL: Cultivating and maintaining civility in the classroom
- CETaL: Beyond a talking head: Making brief videos that engage students
- Academic Technologies Center for Instructional Design: Blackboard collaborate ultra
- CETaL: Recognizing assets of our students: A QEP inspired conversation

- CETaL: Applying principles of visual communication
- CETaL: Think-Pair-Share: Tools to improve interaction and learning In lectures
- ORSP: Excellence in compliance for research and policy 2015

- National Research Mentoring Network: The importance of culturally responsive mentoring
- CETaL: Excellence in Mentoring
- CETaL: Sun Conference
- Center for Effective Teaching and Learning (CETaL): Fall Retreat 2014