

## CURRICULUM VITAE

**Antoinette Domingo**  
**Doctor of Physical Therapy Program**  
**School of Exercise and Nutritional Sciences**  
**San Diego State University**  
**5500 Campanile Drive**  
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### EDUCATION

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<b>University of British Columbia,</b> <b>International Collaboration on Repair</b> <b>Discoveries (ICORD)</b> Post-doctoral Research	2013  Kinesiology
<b>University of Michigan, Ann Arbor</b> PhD	2009 Kinesiology
<b>Mayo School of Health Sciences</b> MPT	1999 Physical Therapy
<b>University of California, Berkeley</b> AB	1996 Human Biodynamics

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### TEACHING POSITIONS

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<b>Assistant Professor</b> San Diego State University	Fall 2013-Present DPT 803/802 Life Cycle II/1 (Geriatrics) DPT 886 Functional Neuro-biomechanical Relationships
<b>Graduate Student Instructor</b> University of Michigan, Ann Arbor	Fall 2004-Spring 2006 MVS/KIN 435 Biomechanics of Human Locomotion MVS 110 Biological and Behavioral Basis of Human Movement Biomechanics Module

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## **TEACHING EFFECTIVENESS**

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### **Curriculum Development and Teaching Innovations**

#### *1. San Diego State University*

- 01/14–pres. Doctor of Physical Therapy (DPT) 803/802 – Life Cycle II/I (Geriatrics)  
(2 cr) (32-37 students)  
Primary instructor of graduate level course on unique aspects of individuals at later stages in the life span that have an impact on physical therapy management.
- 01/14–pres. Doctor of Physical Therapy (DPT) 886 – Functional Neuro-biomechanical Relationships  
(3 cr) (34-37 students)  
Primary instructor of graduate level course on the application of mechanical and physiological principles to the human movement system.

#### *2. University of Michigan*

- 09/06–12/06 Movement Science (MVS)/Kinesiology 435 – Biomechanics of Human Locomotion  
(3 cr) (15 students)  
Graduate Student Co-Instructor for undergraduate/graduate level problem-based learning course on human locomotion.
- 09/04–04/05 Movement Science (MVS) 110 – Biological and Behavioral Basis of Human Movement  
Biomechanics Module  
(3 cr) (~75 students)  
Instructed core introductory lecture course on the biomechanics of human movement.

### **Master's Thesis and Doctoral Project Committees, Independent study supervision**

#### *1. San Diego State University*

##### **Doctoral (DPT) Project – Chair**

- Stephen Ball, Carla Baxter, Larry Kennard, Brandon Pham, Simary Rosario, Chelsea Sanscartier, *Acute respiratory responses to variable assistance during over ground bionic ambulation.* (expected 2018)
- Shelby Colwell, Wendy Dorr, Melissa Goff, Brianne Hatherill, Rowena Tam, Shelby Willcocks, *Effects of over ground bionic ambulation training on walking function and health in people with spinal cord injury: a case series.* (expected 2017)
- Sara-Rosabelle Barreyro, Jillian Gerbracht, Heather Lyons, Supamas Tseng, Jeffrey Wood\*, *Effects of Adaptive Practice on Motor Learning of Narrow Beam Walking.* (2016)  
\*Group awarded Research Award for Diversity, Inclusion, and Social Justice at the 2015 SDSU Student Research Symposium
- Sadie Henderson, Kaiti Jarratt, Imelda Rodriguez, *Effects of Bihemispheric Transcranial Direct Current Stimulation (tDCS) on Locomotor Adaptation in People Post-Stroke.* (2015)

##### **Doctoral (DPT) Project – Committee Member**

- Christina Crossen, Jessica Herman, Marie Krouse, Victor Larios, Elana Miller, *Recovery from acute neck pain: case series.* (expected 2018) Chair: Katrina Maluf, PT, PhD
- Zane Brandt, Chelsea Kane, Tonia Malave, Meagan Moffat, Tianna Woods, *Association between psychological health and affective responses to pain in Hispanic and non-Hispanic whites.* (expected 2017) Chair: Katrina Maluf, PT, PhD
- Leah Crawford, Tyler Deming, Frank St. Tomas, *Contributions of peripheral and central fatigue to exercise intolerance in trained subjects.* (2015) Chair: Fred Kolkhorst, PhD

Julianne Stewart, Gail Bachman, Clarissa Cooper, Farzana Boman, *Relationship between sleep and circadian dysfunction and gait initiation impairment in Parkinson's disease*. (2015) Chair: Sara Gombatto, PT, PhD

Master's Thesis – Committee member (Exercise Physiology)

Jonathan Cunha, *Effects of Expiratory Resistance on Skeletal Muscle Fatigue*. (expected 2016)

Dillon Gilbertson, *Effects of environmental conditions on recruitment and peripheral fatigue*. (2014)

Independent Studies Supervision (Graduate)

Adam Schmaltz, San Diego State University, Kinesiology-Applied Movement Science (Fall 2016)

Cathrine Gennert Jakobsson, San Diego State University, Kinesiology-Applied Movement Science (Fall 2016)

Joshua Koeplin-Day, San Diego State University, Kinesiology (Spring 2015)

Brice Rosby, San Diego State University, Kinesiology (Spring 2015)

Benedikt Mündle, Swiss Federal Institute of Technology, Health Science and Technology (Fall 2014)

Independent Studies Supervision (Undergraduate)

Edgar Ramirez, San Diego State University, Bioengineering (Fall 2016)

Kevin Albano, San Diego State University (Fall 2016)

Rene Krause, German Sports University Cologne (Summer 2015)

Brianna Swanson\*, San Diego State University, Kinesiology (Fall 2015)

*\*Earned Undergraduate Research Excellence Award at the 2016 SDSU Student Research Symposium*

Chelsea Sanscartier, San Diego State University, Kinesiology (Fall 2014)

Miller Westfall, San Diego State University, Kinesiology (Fall 2013)

*2. University of British Columbia*

Independent Studies Supervision

Jason Liang, Kinesiology (Fall 2011)

Monica Juren, Kinesiology (2010-2011)

Eric Marriott, Kinesiology (2010-2011)

*3. University of Michigan*

Independent Studies Supervision

Kurt Sieloff, Biomedical Engineering (2007-2009)

Sarah Lucey, Kinesiology (2006)

**Certification**

Michigan Teaching Fellow Certification (Preparing Future Faculty Seminar), 2006

**Teaching seminars attended**

2016 Workshop: Designing Lectures for Increased Student Engagement

2014 Rubrics: Powerful tools for Instructor Efficiency, Student Achievement and Program Assessment

2013 Time Management and Digital Media Strategies for Teaching in the 21st Century: MOOCs, Large Classes and More

2013 Flipping the Classroom: Tops & Flops

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## **PROFESSIONAL GROWTH**

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### **Academic and Research Positions**

- 12/13-present Principal Investigator and Physical Therapist (without compensation appointment), VA San Diego Healthcare System.
- 8/13-present Assistant Professor, Doctor of Physical Therapy Program, School of Exercise and Nutritional Sciences, San Diego State University.
- 10/09-7/13 Postdoctoral Researcher, School of Kinesiology/International Collaboration on Repair Discoveries (ICORD), University of British Columbia.
- 6/03-8/09 Graduate Student Research Assistant, School of Kinesiology, University of Michigan.

### **Clinical Positions**

- 7/03-9/09 Physical Therapist (contingent), Glacier Hills, Ann Arbor, MI, Sub-acute rehabilitation
- 2/03-5/03 Physical Therapist, Allied Health Professionals, Highland Park, IL, Inpatient acute care.
- 6/00-2/03 Physical Therapist/Team Leader, Advanced Therapy & Rehab, Rosemont, IL, Sub-acute rehabilitation, long-term care, advanced wound program.
- 3/00-6/00 Physical Therapist, Comprehensive Therapeutics, Glenview, IL, Sub-acute rehabilitation, long-term care, physical rehabilitation and restorative programs.

### **Refereed Journal Articles**

1. Chisholm AE, **Domingo A**, Jeyasurya J, Lam T (2015). Quantification of lower extremity kinesthesia deficits using a robotic exoskeleton in people with a spinal cord injury. *Neurorehabilitation and Neural Repair*, 30(3):199-208.
2. **Domingo A**, Lam T (2014). Reliability and validity of using the Lokomat to assess lower limb joint position sense in people with incomplete spinal cord injury. *Journal of Neuroengineering and Rehabilitation*, 11:167.
3. **Domingo A**, Klimstra M, Nakajima T, Lam T, Hundza SR (2014). Walking phase modulates H-reflex amplitude in flexor carpi radialis. *Journal of Motor Behavior*, 46:49-57.
4. **Domingo A**, Al-Yahya AA, Asiri Y, Eng JJ, Lam T, SCIRE Research Team (2012). A systematic review on the effects of pharmacological agents on walking function in people with spinal cord injury. *Journal of Neurotrauma*, 29:865-879.
5. **Domingo A**, Ferris DP (2010) The effects of error augmentation on learning to walk on a narrow balance beam. *Experimental Brain Research*, 206:359-70.
6. **Domingo A**, Ferris DP (2009) Effects of physical guidance on short-term learning of walking on a narrow beam. *Gait and Posture*, 30:464-468.
7. **Domingo A**, Sawicki GS, Ferris DP (2007) Kinematics and muscle activity of individuals with incomplete spinal cord injury during treadmill stepping with and without manual assistance. *Journal of Neuroengineering and Rehabilitation*, 4:32.
8. Sawicki GS, **Domingo A**, Ferris DP (2006) The effects of powered ankle foot orthoses on muscle activation and joint kinematics during walking by individuals with incomplete spinal cord injury. *Journal of Neuroengineering and Rehabilitation*, 3:3.

9. Ferris DP, Sawicki GS, **Domingo A** (2005) Powered lower limb orthoses for gait rehabilitation. *Topics in Spinal Cord Injury Rehabilitation*, 11:34-49.
10. Kram R, **Domingo A**, Ferris DP (1997) Effect of reduced gravity on the preferred walk-run transition speed. *Journal of Experimental Biology*, 200:821-826.

### Refereed Proceedings

1. **Domingo A**, Marriott EJ, de Grave RB, Lam T (2011) Quantifying lower limb joint position sense using a robotic exoskeleton: a pilot study. *IEEE Proceedings of the 12<sup>th</sup> International Conference on Rehabilitation Robotics*, June 29-July 1, Zurich, Switzerland.

### Non-refereed Proceedings

1. Lam T, Wolfe DL, Domingo A, Eng JJ, Sproule S (2014). Lower Limb Rehabilitation Following Spinal Cord Injury. In: Eng JJ, Teasell RW, Miller WC, Wolfe DL, Townson AF, Hsieh JTC, Connolly SJ, Noonan VK, Loh E, McIntyre A, editors. *Spinal Cord Injury Rehabilitation Evidence*. Version 5.0. Vancouver: p 1-74.

### Publications in Process

1. Kressler J, Koeplin-Day J, Rosby B, Muendle B, **Domingo A** (submitted). Stroke detection accuracy of consumer-level activity monitors during wheelchair propulsion and arm ergometry. *Journal of Sport Sciences*.
2. **Domingo A**, Diek M, Goble KM, Maluf KS, Goble DJ, Baweja HS (submitted). Short Duration Therapeutic Massage Reduces Postural Upper Trapezius Muscle Activity. *NeuroReport*.

### Conference presentations

1. Schmaltz A, Dillon A, Paquette L, **Domingo A** (2016) Does gradual training affect muscle coactivation during motor learning? *43rd Annual Meeting of the Society for Neuroscience*, November 12-16, San Diego, CA.
2. Kressler J, Koeplin-Day J, Muendle B, **Domingo A** (2016) Accuracy of wrist-worn activity monitors during wheelchair use and arm ergometry. *American College of Sports Medicine*, May 30-June 1, Boston, MA.
3. Cunha J, Benedict P, **Domingo A**, Kolkhorst F, Rossiter B, Cannon DT (2016) Expiratory Flow Limitation, Dynamic Hyperinflation, and Locomotor Power and Fatigue. *Experimental Biology*, April 2-6, San Diego, CA.
4. Barreyro SB, Gerbracht J, Lyons H, Tseng S, Wood J, Swanson B, **Domingo A** (2016) Effects of adaptive and fixed practice on motor learning of narrow beam walking. *American Physical Therapy Association Combined Sections Meeting*, February 17-20, Anaheim, CA.
5. **Domingo A**, Swanson B, Sanscartier C (2016) Kinematics and muscle activity during over ground bionic ambulation in able-bodied individuals. *American Physical Therapy Association Combined Sections Meeting*, February 17-20, San Diego, CA.
6. Cunha J, Benedict P, **Domingo A**, Kolkhorst F, Cannon DT (2015) Expiratory Resistance, Dynamic Hyperinflation, and Fatigue in Young Healthy Humans. *Southwest Chapter of the American College of Sports Medicine*, October 16-17, Costa Mesa, CA.

7. Koeplin-Day J, Mundle B, Rosby B, **Domingo A** (2015) Validity of activity trackers during wheelchair use. *Annual International Technology & Persons with Disability Conference*, March 4-6, San Diego, CA.
8. Sanscartier C, Swanson B, **Domingo A** (2015) Learning to walk in a bionic suit. *Annual International Technology & Persons with Disability Conference*, March 4-6, San Diego, CA.
9. **Domingo A**, Chisholm AE, Jeyasurya J, Lam T (2013) Assessing the threshold to detection of passive movement in persons with incomplete spinal cord injury using a robotic exoskeleton. *43rd Annual Meeting of the Society for Neuroscience*, November 9-13, San Diego, CA.
10. Cheung C, **Domingo A**, Bouyer L, Lam T (2012) Stretch reflex responses in the ankle plantarflexor muscles associated with locomotor adaptations to resisted walking. *42nd Annual Meeting of the Society for Neuroscience*, October 13-17, New Orleans, LA.
11. **Domingo A**, Lam T (2012) Assessing lower limb static position sense and kinesthesia after SCI using a robotic exoskeleton. *Progress in Rehabilitation Research*, October 9-13, Vancouver, BC.
12. **Domingo A**, Al-Yahya AA, Asiri Y, Eng JJ, Lam T, SCIRE Research Team (2012) The effects of pharmacological agents on walking in people with spinal cord injury: a systematic review. *Interdependence 2012*, May 15-17, Vancouver, BC.
13. **Domingo A**, Cheung C, Liang J, Lam T (2012) Quantifying proprioception in the lower limbs using a robotic exoskeleton. *Interdependence 2012*, May 15-17, Vancouver, BC.
14. **Domingo A**, Lam T (2012) Reliability and validity of using a robotic exoskeleton to assess lower limb static position sense in persons with spinal cord injury. *American Physical Therapy Association Combined Sections Meeting*, February 8-11, Chicago, IL.
15. **Domingo A**, Marriott EJ, Lam T (2011) Quantifying lower limb joint position sense after spinal cord injury using a robotic exoskeleton. *41st Annual Meeting of the Society for Neuroscience*, November 12-16, Washington, DC.
16. Juren MV, **Domingo A**, Klarner T, Lam T (2011) The effects of velocity-dependent resistance applied at the hip and knee on plantar flexor muscle activity. *Northwest Biomechanics Symposium*, June 3-4, Vancouver, BC.
17. **Domingo A**, Klimstra M, Nakajima T, Lam T, Hundza SR (2010) Modulation of the flexor carpi radialis H-reflex during constrained treadmill walking. *40th Annual Meeting of the Society for Neuroscience*, November 13-17, San Diego, CA.
18. **Domingo A**, Ferris DP (2010) Effects of augmenting error on learning walking balance. *American Physical Therapy Association Annual Conference*, June 16-19, Boston, Massachusetts.
19. **Domingo A**, Ferris DP (2008) Physical assistance can be detrimental to learning walking balance. *North American Congress on Biomechanics*, August 5-9, Ann Arbor, Michigan.

20. **Domingo A**, Ferris DP (2008) The effects of using handrails on learning to walk on a narrow balance beam. *American Physical Therapy Association Combined Sections Meeting*, February 6-9, Nashville, Tennessee.
21. **Domingo A**, Ferris DP (2007) The effects of physical assistance on motor learning of narrow beam walking. *37<sup>th</sup> Annual Meeting of the Society for Neuroscience*, November 3-7, San Diego, California.
22. **Domingo A**, Ferris DP (2007) Effects of physical assistance on narrow beam walking. *31<sup>st</sup> Annual Meeting of the American Society of Biomechanics*, August 22-25, 2007, Palo Alto, California.
23. **Domingo A**, Sawicki GS, Ferris DP (2006) Comparison of muscle activity and kinematics during treadmill walking with and without manual assistance in individuals with incomplete spinal cord injury. *5<sup>th</sup> World Congress of Biomechanics*, July 29 -August 4, Munich, Germany.
24. **Domingo A**, Sawicki GS, Ferris DP (2005) Muscle activation during manually assisted treadmill training after incomplete spinal cord injury. *XX<sup>th</sup> Congress of the International Society of Biomechanics and 29<sup>th</sup> Annual Meeting of the American Society of Biomechanics*, July 31-August 5, Cleveland, Ohio.
25. Sawicki GS, **Domingo A**, Ferris DP (2005) Therapist controlled powered lower limb orthoses to assist locomotor training. *XX<sup>th</sup> Congress of the International Society of Biomechanics and 29<sup>th</sup> Annual Meeting of the American Society of Biomechanics*, July 31-August 5, Cleveland, Ohio.
26. Sawicki GS, **Domingo A**, Ferris DP (2005) Powered lower limb orthoses to assist gait rehabilitation after spinal cord injury. *The Society for the Neural Control of Movement Annual Meeting*, April 12-17, Key Biscayne, Florida.

### **Other Scholarly Awards**

1. Faculty of Education Post-doctoral Fellows Conference Travel Grant (2011)
2. Gordon Hiebert Prize, ICORD Annual Research Meeting (2011)
3. ICORD Trainee Travel Award (2010-2012)
4. Stan Kemp Award (2008)
5. Lucile M. Swift Honor Award (2007)
6. Summer Internship in Neural Engineering, Northwestern University (2004)
7. Jay and Rose Phillips Foundation Minorities in Medicine Scholarship (1998-1999)
8. Summer Research Training Program, UC San Francisco (1996)
9. Pauline Hodgson Award (1996)
10. Nu Sigma Psi Honor Society (1996)
11. Biology Fellows Program Scholarship (1995-1996)
12. Summer Research Opportunities Program, UC Berkeley (1995)
13. Dean's Honor List (1995)

### **Funded Grants, Scholarships and Fellowships**

#### **1. Research Grant**

Funding Source: SDSU Summer Undergraduate Research Program

Title: Effectiveness of continuous vs. discrete error detection and correction on learning to walk in an exoskeleton

Role: Principal Investigator

Amount: \$3,000

Period: 5/2016-8/2016

Aim: The purpose of this study is to compare how continuous or discrete errors affect learning of a prescribed trajectory of the swing leg during bionic ambulation.

## **2. Research Grant**

Funding Source: SDSU Undergraduate Research Program Faculty Mini-Grant

Title: Optimizing motor learning of swing-phase trajectories during walking in an exoskeleton

Role: Principal Investigator

Amount: \$1,000

Period: 3/2016-12/2016

Aim: The purpose of this study is to determine the best type of feedback that will maximize learning of a prescribed trajectory of the swing leg during walking in a robotic suit.

## **3. Research Grant**

Funding Source: SDSU Summer Undergraduate Research Program

Title: Overground bionic ambulation in able-bodied individuals

Role: Principal Investigator

Amount: \$3,000

Period: 5/2015-8/2015

Aim: The purpose of this project is to compare muscle activity and joint angles during overground bionic ambulation and normal walking.

## **4. Research Grant**

Funding Source: Craig H. Neilsen Foundation: Spinal Cord Injury Research on the Translational Spectrum

Title: Functional comparison between nerve and tendon transfer after SCI

Role: Consultant

Principal Investigator: Richard Lieber

Amount: \$600,000

Period: 9/2015-9/2018

Aim: The purpose of this proposal is to compare directly the efficacy of tendon-transfers and nerve-transfers to restore function after spinal cord injury (SCI) in the tetraplegic patient population.

For this project, I will be responsible for functional outcomes testing following nerve transfer surgery, as well as data analysis and dissemination of results.

## **5. Research Grant**

Funding Source: SDSU University Grants Program

Title: Biomechanical analysis of bionic ambulation

Role: Principal Investigator

Amount: \$10,000

Period: 1/2015-6/2016

Aim: To investigate whole body biomechanics of over ground bionic ambulation with instrumented crutches in people with SCI.

## **6. Research Grant**

Funding Source: SDSU Undergraduate Research Program Faculty Mini-Grant

Title: Learning to walk in a bionic suit

Role: Principal Investigator



Amount: \$1,000

Period: 10/2014-8/2015

Aim: Examine how able-bodied subjects adapt to wearing a wearable bionic suit used for gait rehabilitation.

### **7. Research Grant**

Funding Source: SDSU University Grants Program

Title: Adaptive assistance for motor learning of walking balance.

Role: Principal Investigator

Amount: \$10,000

Period: 1/2014-6/2016

Aim: Examine how using adaptive assistance where physical guidance is removed gradually based on the learner's performance affects learning of a walking on a narrow beam.

### **8. Research Grant**

Funding Source: International Foundation for Research in Paraplegia

Title: Robotics in spinal cord injury rehabilitation: understanding the role of proprioception in the functional recovery of walking

Role: Co-Investigator

Principal Investigator: Tania Lam

Amount: 150,000 CHF

Period: 2012-2014

Aim: 1) Evaluate the reliability and validity of a novel quantitative assessment tool to quantify lower limb proprioceptive sense and 2) determine the contribution of proprioceptive sense on skilled walking function in people with SCI.

### **9. Predoctoral fellowship**

Funding Source: NIH NRSA Individual Predoctoral Fellowship (F31) (**Percentile rank: 1.0%**)

Title: Effects of Physical Assistance on Walking Balance

Role: Graduate Student

Amount: Salary + tuition

Period: 2007-2009

Aim: Determine how the amount, source and type of physical assistance used during practice affect motor performance of walking on a narrow beam.

### **10. Predoctoral fellowship**

Funding source: American Physical Therapy Association Promotion of Doctoral Studies Scholarship II

Role: Graduate Student

Amount: \$15,000

Period: 2007-2008

Aim: Determine the optimal methods to use physical guidance in rehabilitation.

### **11. Predoctoral Fellowship**

Funding source: Rackham Predoctoral Fellowship (declined)

Role: Graduate Student

Amount: Salary + tuition

Period: 2007-2008

Aim: Conduct dissertation research on the effects of physical guidance on motor learning.

## **12. Student Grant**

Funding source: Rackham Graduate Student Research Grant

Role: Principal Investigator

Amount: \$3000 Operating Budget

Period: 2007

Aim: Perform studies on motor learning of walking balance.

## **13. Student Grant**

Funding source: BCBSM Foundation Student Award Program Grant

Role: Principal Investigator

Amount: \$3000 Operating Budget

Period: 2004

Aim: Conduct research on the effects of manual assistance on kinematics and muscle activity during treadmill stepping in persons with incomplete SCI.

## **14. Predoctoral Fellowship**

Funding source: Rackham Merit Fellowship

Role: Graduate Student

Amount: Salary + tuition

Period: 2003-2007

Aim: Develop research plan and perform dissertation studies.

## **Invited Presentations**

1. Orthopaedic Surgery Research Conference, Department of Orthopaedic Surgery, University of California, San Diego (Dec 2015)
2. SCI Forum, BC Paraplegic Association (Mar 2012)
3. Rehabilitation Research Rounds, Division of Physical Medicine and Rehabilitation, University of British Columbia (Feb 2012)
4. Neuroscience Conference, Residency Training Program, Department of Neurology, University of Michigan Health System (Jan 2008)

## **Professional Memberships**

1. American Physical Therapy Association (1997-present)
2. American Society of Biomechanics (2003-present)
3. Society for Neuroscience (2007-present)

## **Licensure**

1. State of Michigan Physical Therapy License (2003-present)

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## **SERVICE**

### **Service for the Department**

1. Member, SDSU DPT Student Affairs Committee (2014-present)
2. Member, SDSU ENS Scholarship Committee (2014-present)
3. Member, SDSU DPT Faculty Search Committee VPAA 2016/17-30 (2015)
4. Kinesiology representative, Graduate Student Forum, University of Michigan (2007-2008)

### **Service for the College**

1. Member, SDSU Dean of the College of Health and Human Services Search Committee VPAA 2017/18-38 (2016)

### **Service for the University**

1. Faculty Interviewer, Fulbright US Student Program (Fall 2016)
2. Judge, SDSU Student Research Symposium (2014-2016)
3. Co-advisor, Aztec Adaptive Sports, SDSU Recognized Student Organization (2016-present)\*  
\*Co-Principal Investigator for SDSU **President's Leadership Fund** (\$5000). Aim: To build a university-based adaptive sports program for health promotion and wellness of disabled students (Spring 2016)
4. Co-advisor, Future Physical Therapists Organization, SDSU Recognized Student Organization (2015-2016)

### **Service for the Profession**

1. Contributor, APTA Neurology Section Research in Review (2010-present)
2. Co-Presenter, San Diego District California Physical Therapy Association Presentation: Overground Bionic Ambulation: Research to Clinical Practice (2015)
3. Reviewer, California Physical Therapy Association California Student Conclave Resume & Cover Letter Review (2014)

### **Service for the Scientific Community**

#### *Peer-review Activities*

1. Proposal Reviewer, Foundation for Polish Science, First Team Programme (2016)
2. Abstract Reviewer, Neurology Section, American Physical Therapy Association Combined Sections Meeting (2014-2016)
3. Proposal Reviewer, The Netherlands Organisation for Health Research and Development (ZonMw) Translational Research Programme (2014)
4. Abstract Reviewer, Canadian Society of Biomechanics (2012)
5. Judge, Best Student Poster Presentation Award, Northwest Biomechanics Symposium (2011)
6. Proposal Reviewer, Nicholas Leoni Endowment Fund Grant (2011)

#### *Ad hoc Manuscript Reviewer*

1. Current Pharmaceutical Design (2016)
2. Archives of Physical Medicine and Rehabilitation (2016)
3. Journal of Neuroengineering and Rehabilitation (2015-2016)
4. Frontiers in Systems Neuroscience (2015)
5. Prosthetics & Orthotics International (2013)
6. Journal of Rehabilitation Research & Development (2013)
7. Clinical Neurophysiology (2010, 2012)
8. Spinal Cord (2011)
9. Physical Therapy Journal (2011)
10. Journal of Motor Behavior (2010)