

## **EDUCATION**

---

2009	Ph.D.	University of Pittsburgh	Motor Development / Learning
2004	M. S.	University of Pittsburgh	Motor Development / Learning
1997	B. A.	Federal University of Parana	Physical Education K-12

## **PROFESSIONAL APPOINTMENTS**

---

Aug. 2013-Present	Assistant Professor, Department of Kinesiology California State University-Northridge, Northridge, CA.
2007-2013	Associate Professor, Department of Kinesiology and Sports Studies Eastern Illinois University, Charleston, IL.
2006-2007	K-8 Physical Education Teacher Falk School, Pittsburgh, PA.
2001-2005	Program Co-Director, Kinder Kinetics Movement Program University of Pittsburgh, Pittsburgh, PA.

## **CONTRIBUTIONS TO TEACHING EFFECTIVENESS & DIRECT INSTRUCTIONAL CONTRIBUTIONS**

---

### **TEACHING EXPERIENCES – CALIFORNIA STATE UNIVERSITY, NORTHRIDGE**

- KIN 377 Motor Learning and Control
- KIN 477 Motor Development
- KIN 610 Quantitative Analysis of Research in Kinesiology

### **TEACHING EXPERIENCES – EASTERN ILLINOIS UNIVERSITY**

- KSS 2390 Theory and technique of soccer and Speedball
- KSS 3900 Computers Applied to Physical Education
- KSS 4470 Measurement and Evaluation in Physical Education
- KSS 4880 Theory of Motor Behavior
- KSS 5001 Statistical Analysis in Kinesiology & Sport Studies

### **STUDENT EVALUATIONS**

- 2016-2017 → 4.0/5.0
- 2015-2016 → 4.1/5.0
- 2014-2015 → 4.1/5.0
- 2013-2014 → 4.3/5.0

## **MENTORSHIP ACTIVITIES & DIRECT SUPERVISION OF INTERNSHIPS/VOLUNTEERING**

### MENTORSHIP ACTIVITIES

#### Completed (8)

- Takuto Fujii. Analysis of brain activity in individuals with Parkinson's Disease while dual task walking. (Member).
- Lino Perez. Further reliability evidence and mobile app development for the FG-COMPASS, Master's Thesis. (Chair)
- Nnamdi Mbanugo. Comparing the effects of rhythmic auditory stimulation and visual feedback in reducing hemiparetic gait in chronic stroke. (Member).
- Hyosok Lim. Influence of water depth and energy expenditure during aquatic walking in people post-stroke. (Member).
- Mackinsey Woolever. Concurrent validity evidence for the FG-COMPASS, Master's Thesis. (Chair).
- Alexis Knudtson. Comparison of balance between hearing-impaired and normal-hearing young adults, Master's Thesis. (Member)
- Mariah Bolin. Correlation between BMI and fundamental movement skills in children, Master's Thesis, Eastern Illinois University. (Chair).
- Thomas C. Beals. The relative age effect and academic timing in college baseball, Master's Thesis, Eastern Illinois University. (Chair).

#### Underway (7)

- Adriana Conrad-Forest. Differences in hop mechanics in college-age individuals with autism spectrum disorder compared to typically developed individuals. (Member).
- Estuardo Alvarado. Evaluating sportpersonship behaviors in organized sport activities throughout an after-school program and during recess. (Member).
- Daniel Azurdia. Effects of Using Virtual Reality During Exercise on Perceptions of Pain and Fatigue in Individuals with Spinal Cord Injury. (Member).
- Justin Shamunee. Comparison of Brain Hemodynamic Responses to Forward versus Backward Treadmill Walking among People Post-Stroke. (Member).
- Eunbi Lee. The immediate effects of backward treadmill walking on gait and balance in people post-stroke. (Member).
- Jane LeChemiant. Effects of physical activity on subjects with ADD while taking Conners CPT 3. (Member).

- Kyle Geary. Differences in postural sway between college students with and without ASD. (Member).

#### DIRECT SUPERVISION OF INTERNSHIPS & VOLUNTEERING ACTIVITIES

- Fall 2017 (1 student)
- Fall 2016 (1 student)
- Spring 2015 (8 students)
- Fall 2015 (5 students)
- Spring 2014 (1 student)
- Fall 2014 (2 students)

#### DEVELOPMENT OF INSTRUCTIONAL TECHNOLOGY

Furtado, O., Jr. (2014). Using SPSS: A guide to data analysis and interpretation (new section added)

#### TEACHING-RELATED GRANTS

Furtado, O., Jr. (2016). Course re-design. eLearning Grant – CSUN Faculty Technology Center. Awarded \$5000.

Furtado, O., Jr. (2015). Course re-design. eLearning Grant – CSUN Faculty Technology Center. Awarded \$5000.

#### CONTRIBUTIONS TO THE FIELD OF STUDY

---

##### REFEREED JOURNAL ARTICLES

**Furtado, O., Jr.,** & Gallagher, J. D. (2018). Expert-Rater Agreement and Inter-/Intrarater Reliability for the Furtado–Gallagher Computerized Observational Movement Pattern Assessment System. *Perceptual and Motor Skills*, Advance Online Publication.  
<https://doi.org/10.1177/0031512518769205>

Beals, T. C., <sup>1</sup>**Furtado, O., Jr.,** & Fontana, F. E. (2017). Relative Age Effect and Academic Timing in American Junior College Baseball. *Perceptual and Motor Skills*, 1-15.  
<https://doi.org/10.1177/0031512517724260>

Fontana, F. E., **Furtado, O., Jr.,** Mazzardo, O., Hong, D., & Campos, W. (2016). Anti-fat bias by professors teaching physical education majors. *European Physical Education Review*, 1–12.  
<https://doi.org/10.1177/1356336X16643304>

Fontana, F. E., **Furtado, O., Jr.,** Marston, R., Mazzardo, O., & Gallagher, J. (2013). Anti-fat bias among physical education teachers and majors. *The Physical Educator*, 70(1), 15–31.

**Furtado, O., Jr.,** & Gallagher, J. D. (2012). The reliability of classification decisions for the Furtado-Gallagher Computerized Observational Movement Pattern Assessment System - FG-

---

<sup>1</sup> Senior-authored work

COMPASS. *Research Quarterly for Exercise and Sport*, 83(3), 383–390.  
doi:10.5641/027013612802573021

### SELECTED REFEREED CONFERENCE ABSTRACTS

- Furtado, O., Jr., Mazzardo, Jr., Iumi, P., Campos, W., & Gallagher, J. D. (2017). English to Portuguese reverse translation and initial evidence of expert-rater agreement of the Furtado-Gallagher Computerized Observational Movement Pattern Assessment System (FG-COMPASS). In *Supplement to the Journal of Sport & Exercise Psychology* (Vol. 39). San Diego, CA: Human Kinetics.
- Perez, L., & Furtado, O., Jr. (2017). Investigating expert vs rater consensus agreement, inter and intra-rater reliability of two fundamental movement skills for the locomotor subscale of the FG-COMPASS. In *Supplement to the Journal of Sport & Exercise Psychology* (Vol. 39, p. S-90). San Diego, CA: Human Kinetics.
- Mazzardo, O., Furtado, O., Jr., Sampaio, A. A., Chapla, A. L., Szczuk, L., Jacob, B. S., & Gomes, S. R. (2017). The association of health risk behavior, anxiety, and depression among middle and high school students in the south of Brazil. In *Supplement to the Journal of Sport & Exercise Psychology* (Vol. 39, p. S-279-280). San Diego, CA: Human Kinetics.
- Woolever, M., & Furtado, O., Jr. (2016). Collecting concurrent validity, reliability of classification decisions, inter and intra-rater reliability evidence for the Furtado-Gallagher Computerized Observational Movement Pattern Assessment System. In *Journal of Sport & Exercise Psychology* (Vol. 38 Supplement, p. S149). Montreal, Quebec, CA: Human Kinetics.
- Knudtson, A., Todd, T., Jung, T., Furtado, O., Jr., Wagatsuma, M., & Kim, Y. (2016). Comparison of Balance Between Young Adults with and without Hearing Impairment. In *Medicine & Science in Sports & Exercise* (Vol. 48(5S) S1, p. 401). Boston, MA: Wolters Kluwer.  
<https://doi.org/10.1249/01.mss.0000486210.78238.f0>
- Boros, P., Fontana, F. E., & Furtado, O., Jr. (2014). Perception of obese individuals by professors teaching PETE majors. In *Supplement to the Journal of Sport & Exercise Psychology* (Vol. 36, p. S–82). Minneapolis, MN: Human Kinetics.
- Bolin, M., & Furtado, O., Jr. (2014). The relationship between BMI and FMS performance in rural children. In *Supplement to the Research Quarterly for Exercise and Sport* (Vol. 85, p. A–42). Charlotte, NC: Routledge. doi:10.1080/02701367.2013.791604
- Furtado, O., Jr., Gallagher, J., & Mavi, H. (2013). Reliability of classification decisions for the FG-COMPASS: a follow-up. In *Supplement to the Research Quarterly for Exercise and Sport* (Vol. 84, p. A–41). Charlotte, NC: Routledge. doi:10.1080/02701367.2013.791604
- Fontana, F. E., Furtado, O., Jr., Marston, R., Leech, T., & Mazzardo, O. (2012). Anti-fat bias among physical education teachers and majors. In *Supplement to the Research Quarterly for Exercise and Sport* (Vol. 83, p. A–43). Reston, VA: AAHPERD. doi:10.1080/02701367.2012.10599840

Beals, T. C., **Furtado, O., Jr.**, & Fontana, F. E. (2012). The relative age effect and academic timing in college baseball. In *Supplement to the Research Quarterly for Exercise and Sport* (Vol. 83, p. A–32). Reston, VA: AAHPERD.

### SELECTED REFEREED CONFERENCE PRESENTATIONS

Chapla, A. L., Mazzardo, O., & **Furtado, O., Jr.** (2017, October). *Validação transcultural e psicométrica de instrumento de avaliação de habilidades motoras básicas para crianças de ensino fundamental*. Oral Presentation presented at the Terceiro Encontro Anual de Iniciação Científica, Tecnológica e Inovação, Cascavel, PR - Brazil.

**Furtado, O., Jr.**, Mazzardo, Jr., Iumi, P., Campos, W., & Gallagher, J. D. (2017, June). *English to Portuguese reverse translation and initial evidence of expert-rater agreement of the Furtado-Gallagher Computerized Observational Movement Pattern Assessment System (FG-COMPASS)*. Poster presented at the North American Society for the Psychology of Sport and Physical Activity, San Diego, CA.

<sup>1</sup>Perez, L., & **Furtado, O., Jr.** (2017, June). *Investigating expert vs rater consensus agreement, inter and intra-rater reliability of two fundamental movement skills for the locomotor subscale of the FG-COMPASS*. Poster presented at the North American Society for the Psychology of Sport and Physical Activity, San Diego, CA.

Mazzardo, O., **Furtado, O., Jr.**, Sampaio, A. A., Chapla, A. L., Szczuk, L., Jacob, B. S., & Gomes, S. R. (2017, June). *The association of health risk behavior, anxiety, and depression among middle and high school students in the south of Brazil*. Poster presented at the North American Society for the Psychology of Sport and Physical Activity, San Diego, CA.

<sup>1</sup>Woolever, M., & **Furtado, O., Jr.** (2016, June). *Collecting concurrent validity, reliability of classification decisions, inter and intra-rater reliability evidence for the Furtado-Gallagher Computerized Observational Movement Pattern Assessment System*. Poster presented at the 2016 North American Society of the Psychology of Sport and Physical Activity (NASPSA), Montreal, Quebec, CA.

Knudtson, A., Todd, T., Jung, T., **Furtado, O., Jr.**, Wagatsuma, M., & Kim, Y. (2016, June). *Comparison of Balance Between Young Adults with and without Hearing Impairment: 1485 Board #138 June 2, 9*. Poster presented at the ACSM Annual Meeting, Boston, MA.

<sup>1</sup>Dobbs, I., <sup>2</sup>Kohli, D., & **Furtado, O., Jr.** (2015, October). *A new pictorial instrument for assessing fundamental movement skill development: A pilot study*. Oral Presentation presented at the 60th Annual Conference for the Western Society for Kinesiology and Wellness, Reno, NV.

<sup>2</sup>Sacurai, T., <sup>2</sup>Ho, L., <sup>2</sup>Cunningham, T., & **Furtado, O., Jr.** (2015, October). *Collecting inter and intra-rater reliability for the Furtado-Gallagher Computerized Observational Movement Pattern Assessment System*. Oral Presentation presented at the 60th Annual Conference for the Western Society for Kinesiology and Wellness, Reno, NV.

---

<sup>1</sup> Mackinsey was a graduate student under my supervision

<sup>1</sup>Dobbs, I., <sup>2</sup>Kohli, D., & **Furtado, O., Jr.** (2015, May). *A new pictorial instrument for assessing fundamental movement skill development: A pilot study*. Oral Presentation - Preliminary results presented at the 70th Annual CSUN Section of Sigma Xi - Student Research Symposium, Northridge, CA.

**Furtado, O., Jr.** (2015, March). *Conducting real-time fundamental movement skill assessment in physical education*. Oral Presentation presented at the 2015 SHAPE America National Convention & Expo, Seattle, WA.

Woolever, M., & **Furtado, O., Jr.** (2015, February). *Comparing results from the Test of Gross Motor Development-2 (TGMD-2) to the results of the Furtado-Gallagher Computerized Observational Movement Pattern Assessment System (FG-COMPASS)*. Oral Presentation presented at the 19th Annual Student Research and Creative Works Symposium, Northridge, CA.

Boros, P., Fontana, F. E., & **Furtado, O., Jr.** (2014, June). *Perception of obese individuals by professors teaching PETE majors*. Presented at the North American Society for the Psychology of Sport and Physical Activity, Minneapolis, MN.

Bolin, M., & **Furtado, O., Jr.** (2014, April). *The relationship between BMI and FMS performance in rural children*. Poster presented at the American Association for Health, Physical Education, Recreation and Dance, St. Louis, MO.

**Furtado, O., Jr.**, Gallagher, J., & Mavi, H. (2013, April). *Reliability of classification decisions for the FG-COMPASS: A follow-up*. Poster presented at the American Association for Health, Physical Education, Recreation and Dance, Charlotte, NC.

Fontana, F. E., **Furtado, O., Jr.**, Marston, R., Leech, T., & Mazzardo, O. (2012, April). *Anti-fat bias among physical education teachers and majors*. Presented at the American Association for Health, Physical Education, Recreation and Dance, Reston, VA.

Beals, T. C., **Furtado, O., Jr.**, & Fontana, F. E. (2012, April). *The relative age effect and academic timing in college baseball*. Presented at the American Association for Health, Physical Education, Recreation and Dance, Reston, VA.

## RESEARCH GRANTS

Furtado, O., Jr. (2017). *Collecting classification-decision reliability for the Pictorial Scale of Fundamental Movement Skills (PSFMS)*. 2017-2018 CSUN Competition for Research, Scholarship and Creative Activity Awards. \$10,000. Not Funded.

Furtado, O., Jr. (2016). *Collecting classification-decision reliability for the Pictorial Scale of Fundamental Movement Skills (PSFMS)*. 2016-2017 CSUN Competition for Research, Scholarship and Creative Activity Awards. \$10,000. Not Funded.

---

<sup>1</sup> CSUN KIN undergraduate student recently accepted at a Master's Program – California State University, Fullerton.

<sup>2</sup> CSUN KIN undergraduate students.

Furtado, O., Jr. (2015). *Further reliability evidence and mobile app development for the FG-COMPASS*. 2015-2016 CSUN Competition for Research, Scholarship and Creative Activity Awards. \$10,000. Funded.

Furtado, O., Jr. (2014). *Development of the Pictorial Scale of Fundamental Movement Skill: A pilot study*. 2014-2015 CSUN Competition for Research, Scholarship and Creative Activity Awards. \$4,982. Funded.

Furtado, O., Jr. (2014). <sup>1</sup>English to Portuguese reverse translation and psychometric evaluation of the FG-COMPASS. \$5,000. Funded.

## RESEARCH PROJECTS

### IN PROGRESS

1. *Factors associated with the development of basic motor skills and physical fitness in elementary school students.*

**Objective:** This project aims to identify prevalence of motor skill deficits and to verify the nature of the associations between the proficiency of basic motor skills with sociodemographic, anthropometric variables, perception of competence, physical fitness and school performance among elementary school students from the municipal public schools in the city of Marechal Cândido Rondon-PR (Brazil).

2. *Transcultural validation of the FG-COMPASS.*

**Objective:** This project aims to collect validity and reliability evidence for the Portuguese version of the FG-COMPASS.

3. *Development and psychometric evaluation of the FG-COMPASS*

**Objective:** This project aims to collect validity and reliability evidence for the Furtado-Gallagher Computerized Observational Movement Pattern Assessment System – FG-COMPASS.

- o <http://fgcompass.com/>

4. *Development and psychometric evaluation of the PSFMS*

**Objective:** This project aims to collect validity and reliability evidence for the Pictorial Scale of Fundamental Movement Skill – PSFMS.

### COMPLETED

1. *Implicit behavior among physical education professionals in relation to obesity*

---

<sup>1</sup> The scope of this project was changed. The former title was “Anthropometric and Motor Skill Evaluation of Indigenous Brazilian Children”.

**Objective:** Bias against obese people has been found in schools, workplaces, and among health professionals. A possible anti-fat bias among physical education professionals can be a barrier for obese children to participate in physical activities. The aim of this project was to investigate the attitude of physical education professionals toward obese individuals.

## **CONTRIBUTIONS TO THE UNIVERSITY AND COMMUNITY**

---

### **SERVICE TO THE DEPARTMENT – CALIFORNIA STATE UNIVERSITY - NORTHRIDGE**

#### Undergraduate Advising

2013-present                      Kinesiology Academic Advisor (Applied Fit / Exercise Science)

Fall 2017                              MAG Sessions Online Registration

- Responsible for creating & managing event pages to accept online registration through Eventbrite

Fall 2016                              Mandatory Advisement Group Sessions (MAG) Planner

- Responsible for planning the MAG sessions for the Fall 16 Semester

Fall 2015                              MAG Sessions Online Registration

- Responsible for creating & managing event pages to accept online registration through Eventbrite

#### Committees

August 2014 - Present              Graduate Thesis Committees

- Completed (8)
- Underway (7)

August 2016 – April 2017              Motor Behavior Search Committee

- Served as the committee's Equity & Diversity representative

Aug. 2013-Present                      Chair of the Kinesiology Website Committee

- Responsible for creating new content
- Responsible for updating current content
- Responsible for overseeing the migration to the new Web-One format

Aug. 2014-Aug. 2015                      Member of the Curriculum Committee

- Served as liaison for the Exercise Science/Applied Fitness option

#### Other Contributions

2014-Present                              KIN Undergraduate Q&A Site

- Co-responsible for maintaining the site
- Created and maintained the Q&A site for advisement



## **SERVICE TO THE COLLEGE OF HHD - CALIFORNIA STATE UNIVERSITY - NORTHRIDGE**

2016-2017 HHD Data Champions Program

- Completed a final report which 1) identified lead indicators of student success and 2) shed light on the commonalities among high DFU courses within the KIN Department
- Underwent training on the student success dashboards to learn about students' data
- Responsible for exploring and proposing ways to employ the data to improve student success in the College of HHD

Jan. 2016-present HHD Mentoring Program

- Helped with the Mentee/Mentor Event on November 29th
- Serving as a mentor to one undergraduate student that focused on issues related to academic and personal success
- Served as a mentor to several undergraduate students

Aug. 2015-present HHD International Education Council liaison – Department of Kinesiology

- Responsible for collecting data on dimensions of global learning

## **SERVICE TO THE UNIVERSITY - CALIFORNIA STATE UNIVERSITY - NORTHRIDGE**

Aug. 2017 Technology tutor for the New Faculty Orientation & Programs

- Assisted the new faculty members with their technology needs

Aug. 2015-May.2016 myCSUNtablet Initiative liaison – Department of Kinesiology

- Attended meetings and shared ideas and strategies for teaching and learning with tablets
- Assisted faculty members who are teaching with tablets within the Kinesiology Department

Aug. 2016 Technology tutor for the New Faculty Orientation & Programs

- Assisted the new faculty members with their technology needs

Aug. 2015 Technology tutor for the New Faculty Orientation & Programs

- Assisted the new faculty members with their technology needs

May 2015 Moderator and judge for the 70<sup>th</sup> Annual Sigma Xi Student Research Symposium, CSUN Chapter

- Served as moderator and judge for the oral presentation sessions

Feb. 2015 Judge for the CSUN 19<sup>th</sup> Annual Student Research and Creative Works Symposium

- Served as the judge for the poster sessions

## **AD-HOC REVIEWER**

- Perceptual and Motor Skills

- International Journal of Sport Psychology
- Social Psychology of Education

### **PROFESSIONAL AFFILIATIONS**

Western Society for Kinesiology and Wellness - *Executive Committee Member & Web Administrator*

- Responsible for maintaining the current website

North American Society for the Psychology of Sport and Physical Activity – *Member*

### **SERVICE TO THE DEPARTMENT – EASTERN ILLINOIS UNIVERSITY**

2007-2013                                      Member of the Physical Education Teacher Education Committee

2008-2013                                      Chair of the Website Committee

2009-2013                                      Member of the Graduate Faculty Committee

### **SERVICE TO THE UNIVERSITY - EASTERN ILLINOIS UNIVERSITY**

2012-2013      Member of the Electronic Portfolio Committee