

Curriculum Vitae

Miguel A. Narvaez

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Education

- 2011. Doctor of Philosophy in Kinesiology (Biomechanics)
Michigan State University, Department of Kinesiology; East Lansing, MI, USA
Dissertation title: "Accelerations of a hybrid III dummy head resulting from roundhouse kick impacts and their implications for concussions in boys and girls"
- 2002. Master of Science in Kinesiology (Biomechanics)
Michigan State University, Department of Kinesiology; East Lansing, MI, USA
- 1997. Bachelor Degree in Sports Coaching (Specialization in Taekwondo)
Escuela Nacional de Entrenadores Deportivos (National School for Sport Coaches); Mexico City, Mexico

Professional Experience

- 2012 – Present. Western New Mexico University, Silver City, NM, USA
Associate Professor
Chair, Department of Allied Health (Fall 2013-)
Kinesiology Program Director
Duties: Curriculum development. Supervising, coordinating and program budgeting. Prepare program reports. Teach graduate courses in Aging and Exercise & Research Methods. Teach undergraduate courses in Physiology of Exercise, Biomechanics, Aging and Exercise, Assessment, Anatomical and Physiological Kinesiology, Wellness Programming and Program Management. Advise students in the program and provide information related to graduate programs.
- 2008 – 2012. Saint Bonaventure University, St. Bonaventure, NY, USA
Assistant Professor
Duties: Teach undergraduate courses in Bio-Kinesiology, Motor Learning, Assessment, Fitness and Wellness, Exercise Physiology, Supervised internships, Physical Activity for the Elderly, and Community Wellness. Establish internship agreements with community organizations (hospitals, physical therapy practices, YMCA, semi-professional sports, and city recreation programs).
Coordinate Sport Studies major.
Advise students in the department and provided information related to graduate programs.
- 2005-2008. University of Texas at Tyler, Tyler, TX, USA
Senior Lecturer
Duties: Teach undergraduate courses in Biomechanics and Anatomical Kinesiology, and Motor Control and Learning.
- 2000-2005. Michigan State University, East Lansing, MI. USA
Teaching assistant
Duties: teach KIN 217 (Gross Anatomy Laboratory), prepare lectures and set human specimens in the lab for their study.
Supervise students in the Sports Skills Program within KIN 465 (Adapted Physical Activity)
Development and maintenance of websites: KIN 830* (Biomechanical Analysis of Physical Activity), KIN 831* (Advanced Biomechanics of Physical Activity), 400** (Principles of Coaching I), KIN 170** (Foundations of Kinesiology)

Design, develop, conduct, and evaluate Basic Instructional Programs for Taekwondo I and II, Soccer, Indoor Soccer, and General Conditioning.

2000-2005. Michigan State University, East Lansing, MI. USA

Technology consultant for the Department of Kinesiology

Duties: Provide technical assistance for faculty, staff and students in the Department

Hardware troubleshooting, software installation and upgrades, virus removal

Suggest equipment acquisition, obtain hardware and software pricing

Conduct one-on-one training on software use and web page editing

2000–2001. Michigan State University, Microcomputer labs. East Lansing, MI. USA

Student-Supervisor

Provide training for new student-hires that would assist users in the computer laboratories on campus

Organize, schedule, and prepare training sessions

1999-2001. Michigan State University; Student-Athlete Support Services. East Lansing, MI. USA

Student-Athlete Tutor

Provide tutoring for student-athletes enrolled in KIN 400 (Principles of coaching)

1998. Instituto Mexicano del Seguro Social (Mexican Social Security Institute) Mexico City, Mexico

National TKD coordinator

Design of a National taekwondo program to promote physical activity in the general population

Budget planning for program's annual activities

Design of skills and motor tasks programs for different taekwondo levels

1998. Secretaría de Educación Pública (Public Education Ministry) Mexico City, Mexico

Physical Education Teacher

Design, develop, conduct, and evaluate of physical education programs for secondary school (junior high school) students

1996-1997. Escuela Nacional de Entrenadores Deportivos (National School for Sport Coaches)

Mexico City, Mexico

Assistant Taekwondo Coach

Design and conduct season training program

Registration of athletes to collegiate competitions

Awards

2015. BUILDing SCHOLARS Faculty Summer Sabbatical. University of Texas El Paso & U of Arizona

2015. Recipient of the Outstanding Faculty Award, Student Athlete Advisory Committee, WNMU

2005. Recipient of the College of Education Fellowship, MSU

2005. Recipient of the Janet A. Wessel Award in Adapted Physical Activity, Department of Kinesiology, MSU

Grants

2015. WNMU Faculty Research Grant. "The Effect of a 6-Week Exercise Intervention on the Physical and Psychological Wellbeing of Senior Citizens" (2499.00)

2012. WNMU Faculty Research Grant. "Assessing the Validity of a Kicking Field Test for Anaerobic Power in Adult Martial Artists". (850.00)

2011. SBU Keenan and Martine Endowment. To support travel to the Mid-Atlantic Regional Conference of the American College of Sports Medicine (965.00)

2009. SBU Community-Based Learning Fellows Grant. Franciscan Center for Community Engagement. "Community Wellness Initiative" (4,000.00)
2008. SBU Keenan Faculty Development Endowment for the Improvement of Teaching and Learning Grant "Evaluation of fitness levels of high school athletes" (2,800.00)

Presentations

- Sato, T., Iwasaki, S. & Narvaez, M. (2016). "Exploration of Effects of a Six-Week Exercise Program on Senior Citizens' Wellbeing". ACSM Southwest Chapter Annual Meeting. Costa Mesa, CA.
- Narvaez, M. (2015) "Lesiones Deportivas en las Artes Marciales". Congreso Internacional Escuela Nacional de Entrenadores Deportivos, Mexico City, Mexico.
- Narvaez, M. (2015) "Taller : Actividad Física para Adultos Mayores". Congreso Internacional Escuela Nacional de Entrenadores Deportivos, Mexico City, Mexico.
- Narvaez, M. (2015) "Riesgo de Conmociones Cerebrales en Practicantes Juveniles de Artes Marciales". Congreso Internacional Escuela Nacional de Entrenadores Deportivos, Mexico City, Mexico.
- Brawdy, P. Narvaez, M. & Rotich, W. (2015) "Sport and Hegemony: Pierre d 'Coubertin's Olympic Legacy". National Association for Multicultural Education, New Orleans, LA.
- Neves, A. & Narvaez, M. (2015) "100,000 Strong Initiatives: Challenges and Opportunities for Small Institutions. Hispanic Association of Colleges and Universities. Miami, FL.
- Jimenez, E., Hernandez, J., Sato, T. & Narvaez, M. (2015) "Changes in Daily Physical Activity and Fitness Levels of Bank Personnel After a 4-month Fitness Program". ACSM Southwest Chapter Annual Meeting. Costa Mesa, CA.
- Wicker, C., Sato, T., Netz, C., Molano, M. & Narvaez, M. (2014) "Get Fit Seniors", a Service Learning Experience In Kinesiology. ACSM Southwest Chapter Annual Meeting. Costa Mesa, CA.
- Banuelos, Y. & Narvaez, M. (2013). The Relation of Lateral Movements and Shot Efficiency in Tennis. ACSM Southwest Chapter Annual Meeting. Newport Beach, CA.
- Narvaez, M. (2012) .The Relationship of BMI and Experience on Anaerobic Power in Martial Artists, a Pilot Study. ACSM Southwest Chapter Annual Meeting. Newport Beach, CA.
- Narvaez, M., Rotich, W., Zhang, X., Watson, C. & Turton, A. (2011) A Community-based learning experience, reaching out to the community. ACSM Mid-Atlantic Regional Conference. Harrisburg, PA.
- Thompson, J., Lombardi, A., Narvaez, M. and Rotich (2011). Validity of a Kicking Test in Martial Arts to Estimate Anaerobic Power, a Pilot Study. ACSM Mid-Atlantic Regional Conference. Harrisburg, PA.
- Narvaez, M. (2009). Physical activity as a preventive measure for falls. Conference on Aging Issues "Nurturing our livable communities", Alfred, NY.
- Narvaez, M. (2007). Physical activity recommendations. Family & Consumer Sciences, Tyler, TX.
- Narvaez, M. (2007). Embarazo y ejercicio (Pregnancy and exercise). Northeast Texas Public Health District, Tyler, TX.
- Brown, E.W., Narvaez, M., Tanaka, T., Kotrla, K., and Bruenger, A. (2004). Design of machine to evaluate ankle joint under variable inversion-eversion torques and degrees of plantar flexion-dorsiflexion. XXII International Symposium on Biomechanics in Sports. Ottawa, Canada.

Narvaez-Silva, M. A., Brown, E.W., Moreno, A., Kotrla, K., Tanaka, T., and Bruenger, A. (2004). Kinematic analysis of the crescent kick in taekwondo. XXII International Symposium on Biomechanics in Sports. Ottawa, Canada.

Narvaez, M. (2001). Martial arts for persons with vision loss, a fact sheet. Disability Sports, Michigan State University.

Brown, E.W. & Narvaez, M. (2001). Teaching the instep kick to beginning soccer players. Coaches' Infoservice website (<http://www.coachesinfo.com>).

Brown, E.W., Moreno, A., Narvaez, M.A., and Harrington, G. (2001) Biomechanics of soccer workshop. XIX International Symposium on Biomechanics in Sports. San Francisco, USA.

Narvaez, M. (1998). El entrenamiento psicológico en el proceso de entrenamiento de taekwondo para adultos de 18 a 25 años. (The psychological training in taekwondo for adults 18-25 year-old), Bachelor's Degree Thesis.

Narvaez, M. & Anicua, J. (1997) Batería de pruebas para capacidades condicionales (Set of tests to evaluate conditional capacities). A selection of field tests to assess fitness level of different populations integrated in a software program.

Other Research Projects

2015-current IRB #15-006 (Grant Supported Research Project) "The Effectiveness of a Six-Week Exercise Intervention on Senior Citizens' Wellbeing"

2015-current collaborating with Dr. Bijan Najafi at Baylor School of Medicine on a manuscript with tentative title: "Innovative Motor Learning Paradigm Using Virtual Reality Concept To Improve Postural Control During Golf Swing"

2015-current collaborating with Dr. Bijan Najafi's to submit a grant on providing exergaming to reduce the risk of sport injury.

Fitness levels of a division I women's soccer team. (2009). Pilot study.

Motives for participation in and withdrawal from taekwondo, a bi-national (Mexico-USA) comparative study (2003).

"Motor Performance Study" at the Youth Sports Institute, Department of Kinesiology, Michigan State University; conducted performance evaluations of participants involved in this longitudinal research study.

Department of Kinesiology's "Graduate Program Self-Study", Michigan State University, Interpreting data for the "Recruitment of Graduate Students" section, and elaboration of written report for the same section.

Service

2013- present	Member. WNMU Graduate Council Committee
2013- present	Member. WNMU University Planning Committee
2013-present	Movimiento Estudiantil Chicano de Aztlán Club Advisor WNMU
2012- present	Kinesiology Club Co-Advisor WNMU
2012- 2013	Member. WNMU Assessment Committee
2010- 2012	Member. SBU Institutional Review Board Committee
2010- 2012	Member. SBU Diversity Committee
2010- 2012	Member. SBU Institutional Animal Care and Use Committee

Professional Memberships

American College of Sports Medicine (Southwest Regional Chapter)
International Society of Biomechanics in Sport

Scholarships

- 2000-2005. Department of Kinesiology, Michigan State University
Graduate Assistantship
- 1998-2004. Consejo Nacional de Ciencia y Tecnología (National Council for Science and Technology, Mexico)
To pursue Master and Doctoral Degrees at Michigan State University
1997. Comisión Nacional del Deporte (National Sport Commission, Mexico)
To attend the course “Theory and Methodology of Sports” in La Havana, Cuba

Languages

English
Spanish

Certifications

Red Cross First Aid, CPR & AED Instructor