

ARTURO LEYVA PIZANO, PHD

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OVERVIEW

Dynamic, multi-disciplined professional with over ten years of experience as a university-level educator. Passionate about engaging students on all levels, enhancing their social experiences by encouraging group lessons and learning. Proficient in using technology and methods to teach courses online successfully. Experienced in face-to-face and online course design and development of college-level courses. Talented researcher with peer-reviewed publications capable of applying advanced subject-level expertise to the class, challenging students in ways not typically found in philosophy textbooks. The main areas of interest are the overlap between exercise science and philosophy, philosophy of sport, and philosophy of action.

EDUCATION

INSTITUTION	DEGREE	CONFER DATES
UNIVERSITY OF MIAMI	PH.D. IN PHILOSOPHY	ABD
UNIVERSITY OF MIAMI	M.A. IN PHILOSOPHY	08/09/2019
UNIVERSITY OF MIAMI	PH.D. IN EXERCISE PHYSIOLOGY	08/07/2015
US SPORTS ACADEMY	B.S.S IN SPORTS SCIENCE	06/07/2010

EXPERIENCE

The University of Miami | Coral Gables, FL

Instructor-Lecturer

January 2022 - Present

- Develop and teach early college-level philosophy courses.

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- Prepare relevant, insightful, and engaging instructional materials and utilize existing course materials that support learning.
 - Engage and communicate with students to encourage their course participation and learning while maintaining mutual respect and professionalism.
 - Maintain accessibility for and provide timely responsiveness to students, academic/faculty leadership, and University staff by telephone, e-mail, and other appropriate means of communication.
 - Establish and maintain weekly office hours for student questions/support.
 - Assess student performance on course assignments and provide assignment feedback to support continued student growth and development.
 - Maintain appropriate documentation of student course activities.

SOBE Clinic - Mount Sinai Medical Center | Miami, FL
Clinical Research Medical Writer
May 2021 – Present

- Develop and maintain the scientific content of a comprehensive, web-accessible laboratory research data archive for use by internal and third party research organizations.
- Collaborate with researchers and other laboratory personnel to gather sufficient information for inclusion into the research database.
- Research and critically evaluate internal and external primary literature and biological databases and compile relevant information to support the work of the subject laboratory.
- Assist researchers with grant submissions and with preparation of papers for publication.
- Maintain up-to-date knowledge of primary research subject matter through self-study and attendance at training seminars.

National Council Strength and Fitness (NCSF) | Miami, FL
Curriculum Development Director
March 2015 – May 2021

- Ensure that the Spanish curriculum meets educational standards.
- Coordinate training for teachers.
- Review the latest research on training, revise course materials, produce course curriculum and conduct training.
- Serve as a subject matter expert for national and international committees and boards specializing in the training and development of older adults.
- Successfully implement best practices in facilitating learning and advancing education which provide high-quality programs.

Florida International University | Miami, FL
School of Education Faculty | Clinical Assistant Professor
August 2015 – May 2021

- Design lectures and create study materials for a high pass rate.
- Meet with students during office hours to guide them through issues.
- Deliver guest lectures to more than five other courses during each term.
- Instruct more than 150 students per term in physical and online courses.
- Implement new measures for approaching material that double knowledge retention.
- Grant writing and submission.

The University of Miami | Coral Gables, FL
Graduate Research Assistant
School of Education, Department of Kinesiology and Sport Sciences
August 2010 – May 2015

- Develop and teach early college-level kinesiology courses.

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- Prepare relevant, insightful, and engaging instructional materials and utilize existing course materials that support learning.
 - Conducted physical and chemical laboratory tests to assist research scientists in qualitative and quantitative analyses.
 - Operated experimental pilots and assisted in developing new research projects.
 - Maintained all laboratory equipment to ensure a clean and safe work environment for students and faculty.
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TEACHING EXPERIENCE – COURSES TAUGHT

- **Biochemistry and Skeletal Muscle:** This is an overview of the biochemistry pertaining to neuroendocrine responses, nutrition, and neuromuscular function; as well as the physiological and biochemical plasticity within skeletal muscle associated with various interventions, diseases, injuries, and aging.
- **Cellular Exercise Physiology:** The course examines Bioenergetics and Muscular Physiology as it impacts training and detraining. Topics include the energy systems and their functional application during exercise, muscle structure and function, cellular and sub-cellular modifications of organelles and contractile mechanisms as a result of training and physiological bases of training techniques.
- **Exercise Physiology:** This course evaluates the body's acute responses and chronic adaptations to the stresses of exercise, as well as the physiological and biochemical plasticity within skeletal muscle associated with various interventions, diseases, injuries, and aging.
- **Functional Human Anatomy:** The human body is studied using a body systems approach, emphasizing the organization and structure of the neurological and musculoskeletal systems.
- **Kinesiology:** Students study the anatomical and mechanical principles of movement and apply this knowledge in the analysis of physical education and athletic sports activities.

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- **Motor Learning and Development:** Examination of the developmental aspects of movement and the factors influencing the acquisition and performance of motor skills.
 - **Philosophy of Sport:** This course examines the nature and characterization of sports and the many ethical issues they raise.
 - **Sport and Exercise Psychology:** This course explores psychological and social processes in sport, exercise, and physical activity. The course examines how psychological and social factors influence physical activity participation and performance, and how participating in physical activity affects psychological well-being.
 - **Research Methods in Exercise Physiology:** This course introduces the student to clinical epidemiology and the evaluation of the efficacy of prevention, diagnostic, and treatment strategies in exercise physiology and related professions.
 - **Research Methods for the Sport Sciences:** This course seeks to provide a complete introduction to research methods in sports studies.
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PUBLICATIONS

PEER-REVIEWED JOURNALS

Leyva, Arturo. "Embodied movement consciousness." *Phenomenology and the Cognitive Sciences* 21.1 (2022): 161-180.

Leyva, Arturo. "Raging Bull: A Story of Physical and Psychological Self-destruction in Boxing." *American Journal of Sports Science* 8, no. 4 (2020): 81-88.

Leyva, Arturo. "Ethical aspects of organized contact sports for children as participants." *International Journal of Contemporary Pediatrics* 7, no. 8 (2020): 1.

Leyva, Arturo. "Speaking Without Words: Luhrmann's Adaptation of Romeo and Juliet." *Interdisciplinary Literary Studies* 21, no. 4 (2019): 532-558.

Leyva, Arturo. "Scapegoat Categories and Conflict Resolution in the History of Sport." *Sport History Review* 00 (2019): 1-18.

Leyva, Arturo. "A Phenomenological and Physiological Approach to Embodied Rilkean Sport-Specific Perception." *Sport, Ethics and Philosophy* (2018): 1-14.

Leyva, Arturo. "Embodied Rilkean sport-specific knowledge." *Journal of the Philosophy of Sport* 45.2 (2018): 128-143.

Leyva, Arturo, Anoop Balachandran, Jennifer C. Britton, Moataz Eltoukhy, Christopher Kuenze, Nicholas D. Myers, and Joseph F. Signorile. "The development and examination of a new walking executive function test for people over 50 years of age." *Physiology & behavior* 171 (2017): 100-109.

Leyva, Arturo, Anoop Balachandran, and Joseph F. Signorile. "Lower-body torque and power declines across six decades in three hundred fifty-seven men and women: a cross-sectional study with normative values." *The Journal of Strength & Conditioning Research* 30, no. 1 (2016): 141-158.

BOOK CHAPTERS

Leyva, Arturo. "Sports Analysis and Program Development." In Biagioli, Brian Dominick. *Advanced concepts of strength and conditioning*. National Council on Strength and Fitness: (2015).

Leyva, Arturo. "Sport Metabolism." In Biagioli, Brian Dominick. *Advanced concepts of strength and conditioning*. National Council on Strength and Fitness: (2015).

CONFERENCE PRESENTATIONS

2021. Leyva, Arturo. "Ethical aspects of organized contact sports for children as participants." Colombian National Boxing Federation Annual Conference, Barranquilla Colombia.

2019. Leyva, Arturo. "Making Complex Physiological Terminology Accessible to Online News Readers." Latin American Post Annual Conference, Bogota Colombia.

2018. Leyva, Arturo. "Can Philosophy Be Newsworthy? On the Possibility of Associating Philosophy with News" Latin American Post Annual Conference, Bogota Colombia.

HONORS/AWARDS

Fellow of the American Heart Association (2016)

SKILLS

- Critical Thinking
- Logical Skills
- Excellent Communication
- Project Management
- Collaboration
- Innovation
- Curriculum Development
- Mentoring
- Project Management
- Instruction

PROFESSIONAL AFFILIATIONS

- International Association for the Philosophy of Sport
- American College of Sports Medicine (ACSM)
- National Council on Strength and Fitness (NCSF)

LANGUAGES

- English (expert)
- Portuguese (expert)
- Spanish (native)