

ALEXANDRA PÉREZ FERREIRÓS

Personal Information



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Research Interests

My current research centres around performance analysis in basketball, specifically on the different uses of the game-related statistics to measure performance from different approaches. I am also interested in analysing other team sports, as well as learning to use new techniques to measure the performance.

Education

2016–2019	PhD	Science of Sport, Physical Education and Healthy Physical Activity	University of Vigo
		International Doctor with Honours (Summa Cum Laude)	
		Title: Performance analysis in basketball: Reliability and applications of the game-related statistics	
2013–2014	MSc	Investigation on Physical Activity, Sport and Health	University of Vigo
2009–2013	BSc	Physical Activity and Sport Sciences	University of Vigo

Teaching Experience

Teaching in the university:

- **Visiting Lecturer** in **Knowledge of the Environment through Physical Activity in the School/Kindergarten** (16.5h), of 3rd year of bachelor's degree in Early Childhood Education and Primary Education (Physical Education Area) at the University of Vigo, 2018/19.

- **Visiting Lecturer** in **Physical Activity and Recreational Sports** (67.5h), of 3rd year of bachelor's degree in Physical Activity and Sport Sciences at the University of Vigo, 2017/18.
- **Visiting Lecturer** in **Motor Control and Learning in Physical Education and Sport** (55h), of 1st of bachelor's degree in Physical Activity and Sport Sciences at the University of Vigo, 2017/18.

Teaching material:

- Co-author of the teaching material **Performance Analysis in Team Sports** of the Doctorate in Physical Activity and Sport at the European University of the Atlantic (ISBN 978-84-9079-529-3), 2019/20.
- Co-author of the teaching material **Research Techniques and Methods in Sport** of 4th year of bachelor's degree in Physical Activity and Sport Sciences at the European University of the Atlantic (ISBN 978-84-9079-251-3), 2017/18.

Teaching courses attended:

- Course for Permanent Teacher Training **of Gamification in University Teaching** (24h), University of Vigo, 2018/19.

Research experience

Member of the Research Group **REMOSS** of the University of Vigo.

Publications in peer-reviewed journals:

- Padrón-Cabo, A., Rey, E., **Pérez-Ferreirós, A.**, & Kalén, A. (2019). Test–retest reliability of skill tests in the F-MARC battery for youth soccer players. *Perceptual and Motor Skills*. Advanced online publication. <https://doi.org/10.1177/0031512519866038>
- **Pérez-Ferreirós, A.**, Kalén, A., Gómez, M.-Á., & Rey, E. (2019). Reliability of teams' game-related statistics in basketball: Number of games required and minimal detectable change. *Research Quarterly for Exercise and Sport*. Advanced online publication. <https://doi.org/10.1080/02701367.2019.1597243>
- Sierra-Palmeiro, E., Bobo-Arce, M., **Pérez Ferreirós, A.**, & Fernández-Villarino, M. A. (2019). Longitudinal study of individual exercises in elite rhythmic gymnastics. *Frontiers in Psychology*, 10, 1496. <https://doi.org/10.3389/fpsyg.2019.01496>

- Fernández-Villarino, M. A., Hernáiz-Sánchez, A., Alvariñas-Villaverde, M., & **Pérez-Ferreirós, A.** (2019). Estereotipos de género en el deporte. El papel socializador de la familia [Gender stereotypes in sport. The socialising role of the family]. *Egitania Scientia*. Accepted.
- **Pérez-Ferreirós, A.**, Kalén, A., & Rey, E. (2018). Short-and mid-term effects of the 2010 rule changes on game-related statistics in European basketball championships: An interrupted time series analysis. *International Journal of Sports Science & Coaching*, 13(6), 1081–1089. <https://doi.org/10.1177/1747954118765738>
- Kalén, A., **Pérez-Ferreirós, A.**, Rey, E., & Padrón-Cabo, A. (2017). Senior and youth national team competitive experience: influence on player and team performance in European basketball championships, *International Journal of Performance Analysis in Sport*, 17(6), 832-847. <https://doi.org/10.1080/24748668.2017.1405610>
- Kalén, A., **Pérez-Ferreirós, A.**, Barcala-Furelos, R., Fernández-Méndez, M., Padrón-Cabo, A., Prieto, J. A., Ríos-Ave, A., & Abelairas-Gómez, C. (2017). How can lifeguards recover better? A cross-over study comparing resting, running, and foam rolling. *The American Journal of Emergency Medicine*, 35(12), 1887–1891. <https://doi.org/10.1016/j.ajem.2017.06.028>
- Fernandez-Mendez, F., Saez-Gallego, N. M., Barcala-Furelos, R., Abelairas Gómez, C., Padron-Cabo, A., **Perez-Ferreiros, A.**, Garcia-Magan, C., Moure-Gonzalez, J., Contreras-Jordán, O., & Rodríguez Núñez, A. (2017). Learning and treatment of anaphylaxis by laypeople. A simulation study using pupilar technology. *BioMed Research International*. <https://doi.org/10.1155/2017/9837508>

Reviewer experience in peer-reviewed journals:

- Reviewer of **International Journal of Performance Analysis in Sport**. ISSN 2474-8668. Cardiff Metropolitan University, Taylor & Francis. *Journal Indexed in JCR, Impact Factor=1.144*.
- Reviewer of **Perceptual and Motor Skills**. ISSN 0031-5125. SAGE Publishing. *Journal Indexed in JCR, Impact Factor=0.703*.
- Reviewer of **PLOS ONE**. ISSN 1932-6203. Public Library Science. *Journal Indexed in JCR, Impact Factor=2.766*.
- Reviewer of **International Journal of Sports Science and Coaching**. ISSN 1747-9541. SAGE Publishing. *Journal Indexed in JCR, Impact Factor=1.253*.

Participation in projects:

- External Researcher/Collaborator in the **Educational Innovation Project** of the Faculty of Education and Sport Sciences (University of Vigo), titled **Design of a Physical Activity Protocol for Recess in High School**, 2017/18, 1500€.

Conferences:

- Speaker in the **1st International Conference of Research Groups in Physical Activity and Sport Sciences** (2h; Murcia, Spain), 2017.

Research stay:

- 3 months (12/02/2019 – 12/05/2019) in **GIH – The Swedish School of Sport and Health Sciences**.

Basketball/Coaching Experience

- **Coaching** Level 2: **Basketball**. IES Fermín Bouza Brey (Pontevedra, Spain), 2014, 2017.
- **Basketball Coach and Strength and Conditioning Coach**. Norrort (Täby Basket/Djursholm Indians) Stockholm, Sweden; 2015-2016.
- **Basketball Coach and Strength and Conditioning Coach**. Stockholmspolisens IF BF; Stockholm, Sweden; 2014-2015.
- Swedish Championship Women U16 as assistant coach, 2014-15.
- **Practicum of bachelor's degree**: Club Baloncesto Perfumerías Avenida Salamanca (Spain), 2013.
- 6 years of experience as **basketball coach** in the club C. B. Vilagarcía and summer camps in Spain (2011-2017).
- 13 years of experience as **basketball player** in the club A. D. Cortegada (Vilagarcía de Arousa, Pontevedra, Spain). Galician Champion 2006 (U16) and 2008 (U18). Participation in Spanish Championship 2005-2008 (U16-U18).

Administration Experience

- **Member** of the **Students Delegation** of the Faculty of Education and Sport Sciences, University of Vigo, 2012-2014.
- **Collaborator in the Organizing Committee** of 2 Conferences, 2012 and 2014.
- **Member of the Organizing Committee** 1st National Exhibition of Sport, Health and Nutrition. Sportis, Pontevedra (Spain), 2013.

- **Collaborating Member and Organizer** of the examining board of Access Fitness Testing for the bachelor's degree in Physical Education and Sport Sciences, University of Vigo, 2012-2015.