

CURRICULUM VITAE

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EDUCATION

Doctor of Philosophy (2000) University of Southern Queensland (USQ), Australia.
Graduate Diploma in Further Education and Training (1996) USQ, Australia.
Bachelor of Applied Science (Hons.) (Biology) USQ, Australia.

EMPLOYMENT HISTORY

Associate Professor (*January 2010 – present*) Sport and Exercise Science (SES), James Cook University, Townsville, Australia.
Associate Dean of Research (*November 2014 – November 2016*), College of Healthcare Sciences, James Cook University, Townsville, Australia.
Director – Head of Discipline (*June 2008 – December 2011*), Institute of Sport and Exercise Science, James Cook University, Townsville, Australia.

PUBLICATIONS/TRACK RECORD

I have focused my research on human performance/physiology studies of elite athletes, healthy adults, and those with chronic disease, and sport analytics. This research effort has resulted in 187 peer refereed articles, 3 books, 3 book chapters, 14 letters/editorials, 7 industry reports/guidelines, and 114 national/international conference presentations (<https://research.jcu.edu.au/portfolio/anthony.leicht/>). This work has contributed substantially to my overall GOOGLE H index of 43, i10 index of 126 and >5,665 citations (<https://scholar.google.com.au/citations?hl=en&user=O-QeY-IAAAAJ>, 21/10/2023). Through a SciVal analysis (2013-2022), I have an overall Field Weighted Citation Index (FWCI) of 1.11 ('world-class') with my international standing in basketball/referees/football producing a FWCI of 1.98 (almost double the world class standard) and worldwide prominence percentile of 94.61 (top 5.4%). Examples of this basketball work are shown below:

1. **Leicht**, A. S., Connor, J., Conduit, N., Vaquera, A., & Gómez, M. A. 2021. Impact of match type on exercise volume and intensity of semi-professional basketball referees during a competitive season. *Research Quarterly for Exercise and Sport* 92(4):843-850.
2. Suárez Iglesias, D., **Leicht**, A. S., Pojskić, H., & Vaquera, A. 2021. Impact of contextual factors on match demands experienced by elite male referees during international basketball tournaments. *Journal of Sports Sciences* 39(8):936-943.
3. Yang, J., Wu, C., Zhou, C., Zhang, S., **Leicht**, A. S., Gomez-Ruano M. A. 2021. Influence of match congestion on performances in the National Basketball Association. *Frontiers in Psychology* 12:630769.
4. Gómez, M. A., Medina, R., **Leicht**, A. S., Zhang, S., & Vaquera, A. 2020. The dis(similar) evolution of match play styles in the Spanish professional basketball league. *Applied Sciences* 10:7056.
5. Zhang, S., Gomez, M. A., Yi, Q., Dong, R., **Leicht**, A., & Lorenzo, A. 2020. Modelling the relationship between match outcome and match performances during the 2019 FIBA Basketball World Cup: A quantile regression analysis. *International Journal of Environmental Research and Public Health* 17(16):5722.
6. Gasperi, L., Conte, D., **Leicht**, A., & Gomez-Ruano, M. A. 2020. Game related statistics discriminate national and foreign players according to playing position and team ability in the Women's Basketball EuroLeague. *International Journal of Environmental Research and Public Health* 17(15):5507.
7. Zhang, S., Calvo, L., Woods, C., **Leicht**, A., & Gómez, M.A. 2019. Evolution of game-play characteristics within-season for the National Basketball Association. *International Journal of Sports Science & Coaching* 14(3):355-362.
8. **Leicht**, A. S., Gomez, M. A., & Woods, C. T. 2017. Team performance indicators explain outcome

- during Women's basketball matches at the Olympic Games. *Sports* 5:96.
9. **Leicht**, A. S., Gomez, M. A., & Woods, C. T. 2017. Explaining match outcome during the men's basketball tournament at the Olympic Games. *Journal of Sports Science and Medicine* 16:468-473.

My international excellence has been acknowledged by invitations as a regular manuscript reviewer for >55 peer-reviewed international journals (7-12/year), appointment as Associate Editor or editorial/advisory board member of several international journals and awards/fellowships (e.g. JSAMS, Frontiers in Physiology). Further, I have been an invited grant reviewer for national/international organisations including grant review panels for NHMRC – Australia (2011-present), KU Leuven – Belgium (2016, 2023), HRC – New Zealand (2015). I have been a member of the International Program Committee for the International Congress on Sport Sciences Research and Technology Support (icSPORTS) (2014-2023);

Research interests

- Human performance during exercise/sport/occupational tasks
- Autonomic control of heart rate and blood pressure;
- Exercise cardiovascular physiology;
- Exercise physiology and training effects;
- Sport analytics (e.g. basketball);
- Quality of life in patients with peripheral arterial disease;
- Assessing validity and reliability of tests of physiological parameters;
- Health promotion through physical activity;
- Physical activity and exercise methodology;

My skills, experience and leadership have resulted in development of a national/international reputation within the sport and exercise field that has been recognised with Fellowships with Exercise and Sports Science Australia (ESSA, 2007), European College of Sport Science (ECSS, 2010) and Sports Medicine Australia (SMA, 2022).