



Laurent Frossard

Researcher | Leader | Educator | Entrepreneur



Resume

Last update: **5 February 2018**

PRESENT ROLES

- Director / Chief Scientist Officer, YourResearchProject, Australia.
- Adjunct Professor, Queensland University of Technology, Australia.
- Adjunct Professor of Biomechanics, University of the Sunshine Coast, Australia.
- Associate Professor, CRME Sainte-Justine Hospital, Canada

MAIN RESEARCH INTERESTS IN HEALTH, SPORT AND PHYSICAL EDUCATION

- Development of osseointegrated implants for bone-anchored prostheses.
- Rehabilitation of individuals with lower limb loss.
- Performance analysis of athletes with a disability.

PUBLICATIONS

- Responsible for over 156 publications (4 books/monographs, 2 book chapters, 42 articles).
- First, second or last author of 81% (126) of these publications, including 51% (80) as a first author.
- Google Scholar H-index=20, i10-Index=34, number of citations=1,700.
- Number of downloads from free depository (e.g., ePrint, archipel, USC research bank): over 40,000.

GRANTS

- Responsible for 63 competitive grants with an overall success rate is 51%.
- A total of 32 (\$1,74 M) grants were awarded, 30 (\$1,5 M) were successful.
- Amongst the three first CIs on 59 (94%) grants including 31 successful ones representing \$1,5 M.
- First CI on 39 (62%) grants including 20 successful ones.

PARTNERSHIPS

- Developed partnerships with 96 organizations worldwide (e.g., 13 industrials, 28 care providers).
- A total of 15 organizations appeared as “an industry partner” in a grant proposals.
- Involved with over 270 collaborators worldwide (e.g., coaches, clinicians, prosthetists, surgeons).
- Effective relationships with over 40 executives in health and sport industries.

SUPERVISION

- Involved in supervision of 39 students (i.e., 21 (51%) postgraduate, 18 (49%) undergraduate).
- Currently supervising 5 PhD students in Australia, Canada, Belgium and UK.

TEACHING

- Lecture over 1,100 hours in 3 teaching and research intensive universities across 3 continents.
- Mainly teach Biomechanics, Adapted Physical Activities and Performance Analysis.
- Average student satisfaction rate is approximately 80%.

EXAMPLE OF KEY CREDENTIALS

- Regular reviewer for 50 legitimate scientific journals (e.g., Nature, PLoS one).
- Invited to speak at 53 scientific events in 25 cities in 11 countries.
- Most cited author in area of biomechanics of individuals fitted with osseointegrated fixation.
- Considered as one a very few independent expert on clinical benefits of bone-anchored prosthesis.
- Regularly consulted by steering committees about strategic advances in orthopedic osseointegration.

QUALIFICATIONS

- Professional Certificate in Clinical Research (First Class Honours).
- PhD in Fundamental and Applied Sciences (Honours with Distinction).



Figure 1. Overview of 25 years of full-time employment history including the last 10 years in executive roles in academia and industry in Australia and overseas.

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Role	Research Assistant		Lecturer in Biomechanics			Postdoctoral Research Fellow				Senior Researcher			Consultant	Manager of R&D	Professor of Biomechanics			Director / Chief Scientist Officer								
Location																										
Overseas	█																		█							
Australia							█															█				
Sector																										
Academy	█																		█							
Industry																█						█				
Responsibility																										
Operational	█																									
Executive																█										

Figure 2. Overview of cumulated number of publications including articles, abstracts and other publications (e.g. books, book chapters, research reports).

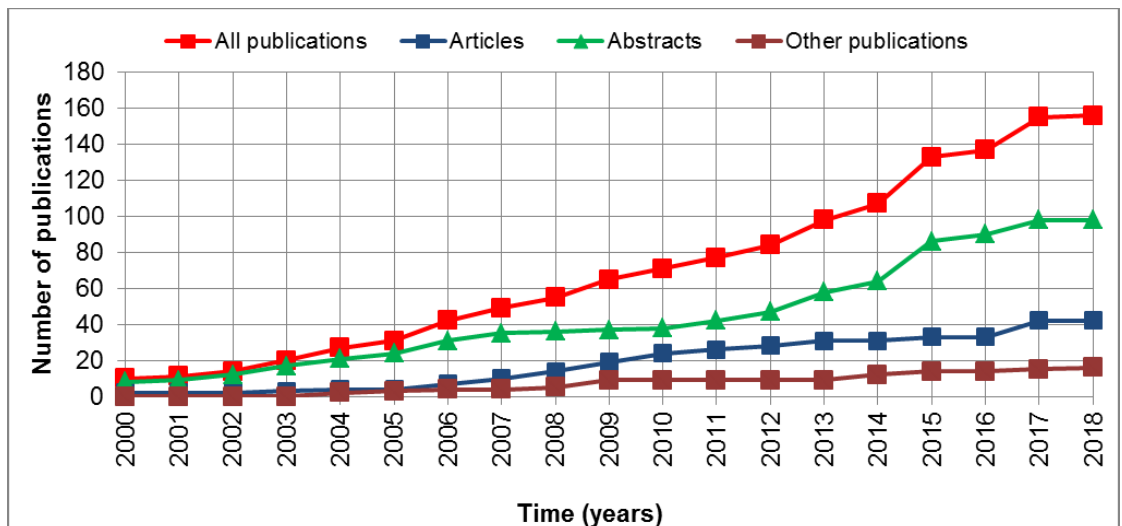


Figure 3. Overview of cumulated number of grants submitted as well as cumulated number and amount of grants successful.

