

Curriculum Vitae

Summary



FRANCIS DEGACHE

Actual
Head of Sciences and Sport AudioVitality

Environmental stress, fatigue, postural control, proprioception, isokinetic performance

- 1 Analysis of fatigue, locomotion and movement in the sport medicine topic: study of the relationship between muscle function (isokinetic) and motor performance and functional - motor response
- 2 Neuromuscular training responses to locomotor function - characterize muscle fatigue and its adaptation to stress.
- 3 Postural control, complexity of signal, dynamic approach.
- 4 Physiological and sports performances responses to environmental stress (hypoxia, heat, humidity)

Lausanne - Switzerland

+41 (0) 79 596 70 80

degachefrancis@gmail.com

<https://www.linkedin.com/in/francis-degache-87323262/>

<https://scholar.google.ch/citations?hl=fr&pli=1&user=aUEGmD4AAAAJ>

<https://www.researchgate.net/profile/Francis-Degache>

EDUCATION

2005 St Etienne, France

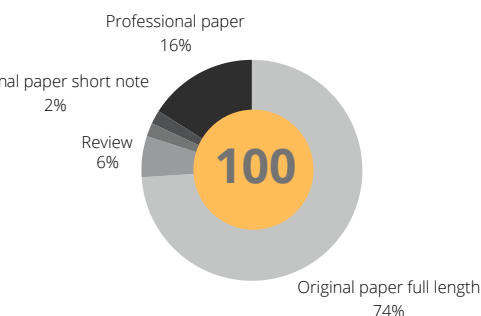
PhD in Human Motricity and Disabilities

"Isokinetic muscle performance in chronic heart failure patients - Testing and training monitoring"

CONFERENCES

102 Congresses
40 Main presenter
27 Invited presentations
Poster 60%
Oral 40%

PUBLICATIONS



28 h-Index
49 i10-Index
2133 Citations
2.9 Averaged impact factor
1 Book
12 Chapter book
10 Non referenced publication

EMPLOYMENT

- 2019 - 2022 Lausanne
Head of Research and development - MotionLab
- 2012 - Actual Lausanne
Associate researcher - Lausanne University
- 2012 - 2019 Lausanne
Associate Professor - High School of Health
- 2010 - 2012 Lausanne
Temporary Senior Lecturer - University of Lausanne
- 2009 - 2010 St Etienne
Researcher - University Hospital Center
- 2007 - 2009 Montpellier
Senior Lecturer - University of Montpellier



SCIENTIFIC EXPERTISES



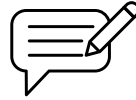
Editor

Associate editor

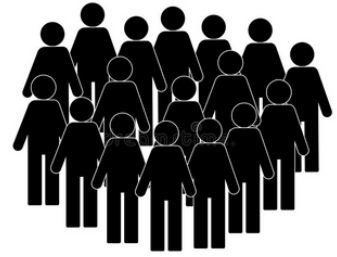
- Frontiers in exercise physiology
- Frontiers in physical activity and active living
- Isokinetics and exercise sciences
- European journal of adapted physical activity
- Open journal of sport sciences

Reviewer

- > 20 different journals
- > 200 reviewing



Supervisor



2 PhD students
>30 Honours Msc students



PROJECT MANAGEMENT

Project manager



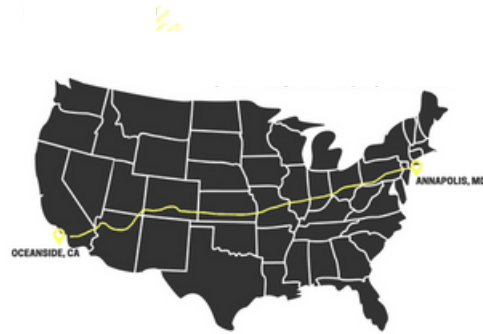
50



>1Mo



2.5 years



DISTANCE
3,000 MILES
4,828 KM

CLIMBING
175,000 FT
53,340 M

HIGHEST POINT
10,857 FT
3,309 M

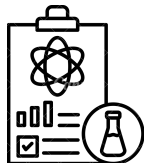


PHYSICAL EXERCISE & HEALTH



UNIL | Université de Lausanne





Certificate of "Good Clinical Practice" University of Neuchâtel - 2022



Consulting

- Literature reviews
- Medical need(s) identification
- Sponsors-Investigators matchmaking
- Study design (scope definition, population & outcomes selection)



Medical writing

- Study synopsis
- Study authorization file (protocol, ICF, questionnaires & diaries)
- Study report, scientific publication

Phase 1



LITERATURE REVIEW & MEDICAL NEED
IDENTIFICATION

Phase 2



SPONSORS INVESTIGATORS
MATCHMAKING

Phase 3



STUDY DESIGN

Phase 4



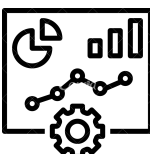
PROCEDURES
FOR STUDY AUTHORISATION

Phase 5



REGULATORY SUBMISSIONS

Phase 6



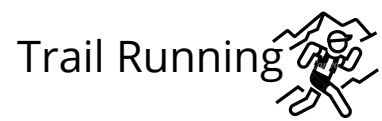
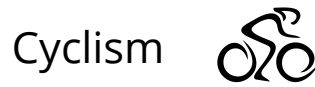
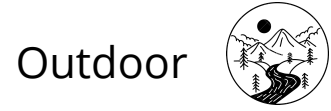
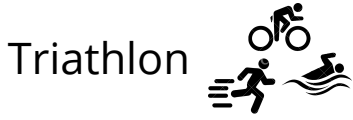
REPORTING & PUBLICATION



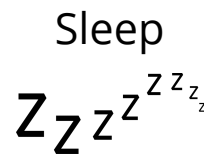
SPORT PERFORMANCE

Physiological testing & monitoring performance

Sports



BioMarkers



Performance



Recovery



Inflammation



Stress



Wellbeing



Fatigue

