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**Key words:** Behavioral Medicine - Digital Health - Climate Change

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## Current position

Oct 2020. Tenure-track assistant research professor, head of the [eHealth group](#)  
Barcelona Institute for Global Health, ISGlobal, Barcelona, Spain

## Past positions

Sept 2018 – Sept 2020. Postdoctoral researcher | University of California, San Diego, US  
*Design and optimization of digital health technologies and interventions* | Mentor: [Eric Hekler](#)

Sept 2017 – Sept 2018. Lecturer | University of Montpellier, France | Department of Physical Activity Sciences

Sept 2014 – Sept 2017. PhD student | University of Montpellier and Group 5 santé, France

*My PhD aimed at identify motivational determinants of an active lifestyle in the context of respiratory and metabolic rehabilitation programs* - see my thesis dissertation [here](#) | Mentors: [Julie Boiché](#) motivational and health psychology & [Nelly Heraud](#) chronic diseases management and rehabilitation

## Education

2017: *Ph.D.* Human Movement Sciences, University of Montpellier, France

2014: *M.S.* (research) Human Movement Sciences (*rank 1<sup>st</sup>*), Montpellier, France

2013: *M.S.* (professional) Exercise and Rehabilitation (*rank 1<sup>st</sup>*), Montpellier, France

2011: *B.S.* Adapted Physical Activity, University of Rennes - Saint-Brieuc, Brittany, France

## Specific trainings

2020: Complexity Methods for Behavioral Science, Radboud University, The Netherlands

2018: Control System Engineering and eHealth, University of California San Diego, US

2017: Meta-Analyses with R, Université du Québec à Montréal, Canada

## Grants and fellowships (total managed ~200 K €)

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2021	Social research call by la Caixa: COVID-19 Cohort in Spain (Role: package leader)	15 000 €
2021	Severo Ochoa Postdoctoral fellowship (Dr. Ujué Fresán under my supervision)	3 years full-time salary
2021	Institutional starting grant, ISGlobal	12 000 €
2020	Postdoctoral fellowship ( <i>declined</i> ), Fonds de recherche du Québec Santé (FRQS)	90 000 CAN \$
2017/2018	Travel fellowships (France <-> USA), University of Montpellier	4 000 €

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2016	Material (accelerometers) and part-time research assistant) for one of my PhD study, French respiratory medicine foundation	23 000 €
2015	Material (accelerometers) for one of my PhD study, regional grant (Montpellier)	5 000 €
2014	Ph.D. fellowship - French National Agency for Research and Technology	3 years full-time salary
2014	Ph.D. fellowship ( <i>declined</i> ), University of Montpellier	3 years full-time salary

## Awards

2018: Best poster presentation - French Society of Pneumology, Nantes, France  
 2017: Best oral communication - French Society of Sport Psychology, Montpellier, France  
 2016: Best poster presentation - Meeting of the doctoral school in human movement sciences, Marseille, France  
 2016: Best poster presentation - French Society of Pneumology, Lyon, France  
 2015: Best oral communication - "ACAPS" (sport sciences), Nantes, France  
 2014: Best poster presentation - French Society of Sport Psychology, Nice, France

## Scientific valorization (first peer reviewed article published in 2016)

See a full list of my publications, including preprints and commentaries, here: <https://guillaumechevance.com/publications/>

Authorship	N	Impact Factor	Journals (from most recent to older publications)
First / second / last	21	Journals IF (5-year): 0,32 - 10,77 (Median: 3,59)	Sports Medicine, Sleep Medicine Reviews, Health Psychology (2), The Lancet Digital Health, Translational Behavioral Medicine, Journal of Behavioral Medicine (2), PlosOne, Movement & Sport Sciences, Health Psychology Review, German Journal of Sport and Exercise Psychology, Psychology of Sport and Exercise, Rehabilitation Psychology, Psychology Health and Medicine, Journal of Sport and Health Science, La Presse Médicale (french)
Collaborations	4	Journals IF (5-year): 3,10 – 8,80 (Median: 6,41)	PlosOne, Obesity Reviews, Health Psychology, BMC Medicine

## In the medias

2021: Our systematic review about climate change and physical activity (<https://doi.org/10.1007/s40279-021-01439-4>) in the journal "Le Monde" (France) –the article and the interview [here](#)  
 2020: Our digital intervention dealing with goal setting for walking (<https://doi.apa.org/doi/10.1037/hea0001044>) in "The New York Times" (US) – the article and my interview [here](#)

## Selected talks

2021: Thinking health-related behaviors in a climate change context, Policy Evaluation Network's webinar series, University of Erlangen-Nuremberg, Germany  
 2021: (French) Dernières approches méthodologiques et statistiques pour collecter, analyser et interpréter des données comportementales à "haute-résolution", Laboratoire SENS, Université Grenoble Alpes, France | [Video](#)  
 2021: Why is the digital (health) system not sustainable? Special group on ethical considerations in digital health research, University College London, UK | [Video](#)

2019: How to use behavior change techniques and theories to create your own behavioral intervention? French national congress of the professionals in adapted physical activity ([CNP-APA](#)), Paris, France  
 2017: How to motivate people to move? CNP-APA, Paris, France  
 2015: Which differences between physical inactivity and sedentary behaviors? CNP-APA, Paris, France

## Other experiences

### Lecturer / summer schools

- ISGlobal International Summer School on Advanced Methods in Global Health (starting in 2021) / eHealth Module "Approaching health outcomes through digital technologies"
- From 2014 to 2018, University of Montpellier and Poitiers, France - graduate students in sport sciences

Topics	Level	Hours
Behavior change theories and techniques	Second year master	10h each year during 4 years
Public health policies for physical activity	Second year master	12h each year during 4 years
Psychometrics	Second year master	6h each year during 4 years
Research methods and statistics	First year master	26h during a year
Projects management (health promotion)	First year master	26h during a year
Thesis supervision	First and second year master	N = 15 students

**Involvement with the Society of Behavioral Medicine (SBM)** - from 2020 - Member of the presidential working group on climate change and behavioral medicine

**Scientific Committee** - from 2014 to 2017 - Group 5 Santé (France) - Development of research projects in the field of pulmonary and metabolic rehabilitation with a group of academics in kinesiology, neurosciences, medicine, biology, and clinicians/practitioners. I gave around 30 talks in 4 years for this committee.

### Projects Manager

2019: Program chair [CNP APA](#) (French sport sciences conference); Budget: 50 K €

2013: Project manager national (France) meeting in Adapted Physical Activity; Budget: 15 K €

2012: Organizer and participant to an international solidarity project for the development of sport in Gahanga, Rwanda; Budget: 20 K € | [Video](#)

**Reviewer** - Annals of Behavioral Medicine; Health Psychology; Psychology Health & Medicine; International Journal of Behavioral Medicine; Obesity Research and Clinical Practice; Journal of Sport and Exercise Psychology; Psychology of Sport and Exercise; Research Quarterly for Exercise and Sport; PlosOne; German Journal of Sport and Exercise Research; Journal of Health Psychology; European Review of Applied Psychology; Rehabilitation Psychology; Sciences et Motricité; Learning and Motivation; Physiotherapy Theory and Practice; PeerJ; Preventive Medicine reports; BMC Public Health; STAPS

## Affiliations

From 2019: Member of The Society for Transparency, Openness, and Replication in Kinesiology, STORK

2014-2018: Board member of the French Society of Adapted Physical Activity, SFP-APA.

From 2017: Member of the Society of Behavioral Medicine, SBM

2017-2018: Member of the European Health Psychology Society, EHPS

2014-2016: Board member of the French Association of Sports' Students, ANESTAPS

## Statistics

I have experiences with diverse packages on the statistical software R. Most of my codes come with my papers and are available on my OSF page (<https://osf.io/egwd5/>). Analyses include: multi-level analyses; accelerometers data processing; different kind of meta-analyses; Bayesian statistics and null hypotheses testing; network analyses; latent profile analyses; cluster analyses; reliability analyses; gam(m)-models; early warning signals detection and various time series analyses...