

Dr. Jean Monéger

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Age: 30 • Current position: Postdoctoral researcher



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Summary

PhD in social psychology studying social cognition, motivation, and emotion. My current research focus is on the influence of emotion perception on postural control among vulnerable individuals.

Furthermore, I am interested in cognitive and emotional mechanisms involved in the aversive aspects of self-focused attention. I am also interested in personality traits fostering self-focus avoidance upon failure.

I am sensitive to issues relating to meta-science and best research practices. Through the conception of a MOOC, the creation of a ReproducibiliTea Journal Club, and the creation of tutorials and Shiny apps, I try to promote changes in research practices that I apply to my own research.

As of today, I have published four scientific articles, participated to four international conferences, two national conferences, and gave five invited talks. Furthermore, I have conducted workshops on statistical power computation, organised various conferences (including one international event), and evaluated several articles for scientific journals and communications for national conferences.

Keywords: Emotions; Approach/Avoidance; Schizotypy; Self-Focused Attention; Motivation; Meta-Science

Appointments

Post-doctoral Researcher – Université de Reims Champagne-Ardenne & Université Paris Cité	2023 - 2025
Temporary Lecturer – Université de Poitiers (CeRCA-CNRS, UMR 7295, 100%)	2021 –2023
Social Psychology, Cognitive Psychology, Methods and Statistics	

Education

Ph.D. – Université de Poitiers (CeRCA-CNRS, UMR 7295, self-funded)	2018 –2022
<i>“Aversion to the Self: Contextual and Dispositional Determinants of Self-Focus Avoidance”</i>	
Supervisors: <i>Dr. Selimbegović and Pr. Chatard</i>	
Jury: <i>Pr. Alexopoulos, Pr. Gendolla, Dr. Normand, Pr. Smeding</i>	
Awarded with the Thesis Prize of the College of Doctoral Schools of Poitiers	
M.Sc. Research in Psychology – Université de Bordeaux	2015 –2017
2 nd Year: <i>“The role of autobiographical memory in behavioral confirmation following biased questions”</i>	
1 st year: <i>“Moderation of private self-consciousness in behavioral priming effect”</i>	
B.Sc Psychology – Université de Bordeaux	2012 –2015

Research

- **Axis 1: Emotion Perception and postural control in schizotypy**

I am currently interested in how facial affect recognition can induce approach and avoidant behaviors. Using a force platform, I aim to investigate how specific perceived emotions can influence postural control. In order to understand the Emotion Perception/Action Tendency link, I emphasize the study of inter-individual variables such as personality, trait anxiety and clinical vulnerabilities.

In particular, I focus on schizotypal personality. The traits defining schizotypal personality are often described as constituting vulnerabilities to schizophrenia. As such, understanding the role of schizotypal personality in the postural consequences of facial recognition could have consequences for understanding social cognition deficits in schizophrenia, but also to better pinpoint relevant cognitive and neuroanatomical structures in approach/avoidance following the perception of emotion expressions in non-clinical field.

This line of research is currently being conducted and integrates literature from social cognition, clinical psychology, and personality psychology.

- **Axis 2: Cognitive and emotional consequences of self-focused Attention**

Is self-awareness (i.e., attention directed toward the self) an aversive state? Despite being crucial in goal-pursuit and self-improvement (Carver & Scheier, 1981), but also related to effort mobilization and creativity (Gendolla et al., 2012; Silvia & O'Brien, 2004), self-focus entails self-to-standards comparisons (Duval & Wicklund, 1972) that could foster negative self-evaluations and thus constitute an aversive state. Given that self-focused attention is highly prevalent, it is important to better understand its emotional, cognitive and motivational consequences.

In order to investigate the aversive consequences of self-focused states, I have conducted studies on the effects of self-relevant cues (e.g., one's reflection in a mirror or one's first name) on escape- and failure-thoughts accessibility, but also emotional reports of negative reflexive emotions such as shame and guilt. I aim to identify contextual and personality variables that modulate positive and negative consequences of self-focused attention. Building on this work, I have conducted research on the motivational consequences of failure salience on self-focused attention. Namely, I investigate whether failure can motivate an individual to avoid self-focused attention (to the extent that this state is related to self-to-standards comparisons) and how inter-individual variables, such as guilt-proneness and locus of control, might moderate failure effects on self-focus avoidance. To evaluate self-focus avoidance, I rely on a modern version of the mirror paradigm (e.g., Twenge et al., 2003). By combining the use of an eye-tracker and of a reflective screen, I measure time spent and number of saccades in the area of the screen reflecting the participant's face during an unrelated task.

Research conducted on this axis led to the submission of three scientific articles. One was published in *Collabra: Psychology* [see **Scientific Articles 1**], another was published in *Self and Identity* [see **Scientific Articles 2**], and finally a study using the innovative eye-tracking paradigm was published in *Cognition and Emotion* [see **Scientific Articles 3**].

- **Axis 3: Meta-science, replication and reproducibility**

During the last two decades, it has been systematically reported that most effect sizes in social psychology are over-estimated (Klein et al., 2018; Open Science Collaboration, 2015). In addition, the current publication system favoring the quantity of research over its quality encourages the use of questionable research practices (Smaldino & McElreath, 2016). In an effort to increase credibility, transparency is highly encouraged as a best research practice. However, do modern recommendations ensure computational reproducibility? How can we reform the scientific culture to improve research credibility?

I am interested in evaluating modern research practices and enhancing research credibility. I was involved in an international effort to evaluate computing reproducibility associated to transparently reported data [see **Scientific Article 5**]. Currently, I am involved in an ongoing collaborative project evaluating how theoretical blur can yield inconsistent findings in the literature.

In an effort to promote best research practices and transparency, I created a MOOC designed to alert early career researchers on the pitfalls of modern research. I also created a ReproducibiliTea Journal Club at the university of Poitiers, created and organized a meta-scientific international event (ReproducibiliTea Poitiers – Optimism), and am currently an active member of the Working group "Open Science" in my laboratory, a group that aims to promote open science at a local scale. I also promote best research practices by giving talks, workshops, and publishing interactive apps [see **Scientific Communications 1, 2, 4, 8, 11, 12, 13, and 14**].

Scientific articles

- **Publications in peer-reviewed journals**

1. **Monéger, J.**, Chatard, A., & Selimbegović, L. (2020). The Mirror Effect: A Preregistered Replication. *Collabra: Psychology*, 6(1), 18. <https://doi.org/10.1525/collabra.321> (Q1)
 2. **Monéger, J.**, Chatard, A., Selimbegović, L. (2022). The Defeated Self: Evidence that Entrapment moderates First Name Priming effects on Failure-Thought Accessibility. *Self and Identity*. <https://doi.org/10.1080/15298868.2022.2099454> (Q1)
 3. Crüwell, S., Apthorp, D., Baker, B. J., Colling, L., Elson, M., Geiger, S. J., Lobentanzer, S., **Monéger, J.**, Patterson, A., Schwarzkopf, D. S., Zaneva, M., & Brown, N. J. L. (2023). What's in a Badge? A Computational Reproducibility Investigation of the Open Data Badge Policy in One Issue of Psychological Science. *Psychological Science*, 0(0). <https://doi.org/10.1177/09567976221140828> (Q1)
 4. **Monéger, J.**, Chatard, A., & Selimbegović, L. (2022). (Eye-)tracking the escape from the self: guilt proneness moderates the effect of failure on self-avoidance. *Cognition & emotion*, 1–15. Advance online publication. <https://doi.org/10.1080/02699931.2022.2126441> (Q1)
- **Submitted and in preparation manuscripts**
 5. **Monéger, J.**, Chatard, A., Selimbegović, L. (*in preparation*). In the Face of Failure: Locus of Control Moderates Self-Focus Avoidance Following Failure
 6. **Monéger, J.**, Harika-Germaneau, G., Doolub, L., Selimbegović, L., Chatard, A. (*in preparation*). Eye-tracking Self-focus avoidance among depressive individuals: a novel way to investigate self-focus in clinical settings.
 - **Preprint**
 7. Chatard, A., Renoux, M., **Monéger, J.**, & Selimbegović, L. (preprint). Physical Warmth Helps Coping with the Fear of Death: An Embodied Terror Management Perspective. <https://doi.org/10.31234/osf.io/x6m8u>

Scientific communications

- **International Conferences**
 - **Talks**
 1. **Monéger, J.**, Chatard, A., Selimbegović, L. (2021). (Eye-)Tracking the Escape from the Self: Guilt moderates self-focus avoidance. ESCON, Salzburg
 2. **Monéger, J.**, Chatard, A., Selimbegović, L. (2019). “Despicable Me! When self-awareness leads to a motivation to escape the self”. ESCON, Bordeaux
 - **Posters**
 3. **Monéger, J.**, Chatard, A., Selimbegović, L. (2023). “(Eye-)tracking the escape from the self - Guilt-Proneness Moderates the Effect of Failure on Self-Avoidance”. EASP 2023, Kraków
 4. **Monéger, J.**, Chatard, A., Selimbegović, L. (2020). “Despicable Me! When self-awareness leads to a motivation to escape the self”. SPSP 2020, New-Orleans
 5. **Monéger, J.**, Chatard, A., Selimbegović, L. (2019). “Despicable Me! When self-awareness leads to a motivation to escape the self”. GREPACO, Reims (**Best poster award**)
- **National Conferences**
 - **Talks**
 6. **Monéger, J.** (2021). “Replication Crisis: Metascience and Best Research Practices. A MOOC for helping young and less young researchers”. Slow Open Sustainable Science, Nantes

7. **Monéger, J., Chatard, A., Selimbegović, L. (2020).** “L’effet prénom : L’effet de la conscience de soi sur l’accessibilité des pensées liées à l’échec et à la fuite”. ADRIPS, Lisbonne

- **Invited Communications**

- **Talks**

1. **Monéger, J. (2023).** “(Eye-)tracking the escape from the self: an innovative yet simple paradigm to assess the role of personality traits in self-focus avoidance”. Invited talk, CRSI, University of Southampton
2. **Monéger, J. (2022).** “Open Science and scientific credibility: some necessary (but not sufficient) notions”. Invited talk, CRIUGM, Montréal University
3. **Monéger, J. (2021).** “An easy way to talk about reproducibility in your labs”. Open Science Week, Lyon
4. **Monéger, J., & Mangin, T. (2021)** “An introduction to the replication crisis: the example of psychology”. Data MSHS Week 2021, Poitiers
5. **Monéger, J., Chatard, A., Selimbegović, L. (2020).** “When the self becomes a source of stress: using an eye-tracker to explore the roles of emotions in self-focus avoidance”. Study group SFR Neuroimagerie Fonctionnelle, Tours

- **Tutorials and Workshops**

- **Workshop**

6. **Monéger, J. (2021)** “Workshop: Using R simulations to estimate statistical power in interaction effects”. ReproducibiliTea Optimism, Online [Workshop]

- **Shiny Apps**

7. Created and programmed a Shiny app simulating the effect of publication bias on effect sizes’ estimates (https://jeanmoneger.shinyapps.io/Publication_Bias_Simulator/).
8. Created and programmed a Shiny app illustrating the importance of statistical power over number of replications in replication studies (<https://jeanmoneger.shinyapps.io/SizeMatters/>).
9. Created and programmed a tutorial app aiming to teach how to use basic data simulation in R to produce statistical power estimations in designs studying interaction effects (https://jeanmoneger.shinyapps.io/Tutorial_Power_Interaction_Effects/).

Reviewing experience

International Review of Social Psychology; Consciousness and Cognition; European Journal of Social Psychology

Complementary training

EASP, Summer School, Wroclaw, Poland	2022
« Existential meaning »	
Research and Expertise Centre for Survey and Methodology, Summer School, Barcelona, Spain	2021
Workshops: Python (8h); Machine Learning (12h)	
Winter School, Padova, Padua, Italy	2019
“Beyond $p < .05$ ” Winter school focusing on modern statistical methods to prevent questionable research practices and overcoming the replication crisis.	
Improving your statistical inferences, coursera	2019
Online courses, by Daniël Lakens, on how to improve your statistical inferences. Introductions to Bayesian statistics, Test of equivalence, theoretical construction, etc.	
Robust statistics - URFIST	2019
Workshops and conferences on robust statistical approaches aiming to improve statistical efficiency	

Awards and Fundings

- Awards**

PhD Award of the College of Doctoral Schools of Poitiers (600 euros)	2022
Best Poster Award – GREPACO, Reims, France (100 euros)	2019

- Grants**

ADRIPS Mobility Grant (600 euros)	2023
EASP Seedcorn Grant (3000 euros)	2023

Activities and Responsibilities

- Open Science Promotion**

Member of the CeRCA lab Working Group “Open Science”	2022
Active member of a working group aiming to increase local transparency in the CeRCA (Research Center on Cognition and Learning) laboratory.	
ReproducibiliTea III Poitiers – Optimism	2021
Created and organized an international cycle of conferences (3 keynote speakers and 3 workshops on methods, statistics and meta-science).	
Conception of a MOOC “Replication crisis: modern practices in research”	2020
Created content (music conception, class content, exercises, evaluations) and presented class courses in video. Funded by the Confederal university Leonardo da Vinci.	

ReproducibiliTea Journal Club - Poitiers **2020**
 Created, organized and directed a meta-scientific journal club tackling challenges for increasing reproducibility in science.

- **Freelance Consultant – Sensei Formations**

I collaborated with Dr. Tedesco to create and teach courses on memory, emotion regulation, and efficiency to Orange Company's employees.

Orange Formations (Paris, Orleans, Nancy) **2019-2023**

- **Conferences**

Organization and Expertise Committee of the “thematic days” of the doctoral school **2019**

Scientific Committee Member / Organization Committee Member

Organization of the cycle of conferences “Journées Scientifiques des Jeunes Chercheurs” (JSJC) **2018**

Scientific Committee Member

- **Affiliations**

Affiliated member of the *Centre of Research on Self and Identity* (University of Southampton, UK) **2022**

Member of the *Society of Self and Identity* **2022**

Member of the *European Association of Social Psychology (EASP)* **2021**

Member of the *International Association for Research in Social Psychology (ADRIPS)* **2021**

Member of the *Society for the Improvement of Psychological Science (SIPS)* **2021**

- **Other**

Research stay in the *Centre of Research on Self and Identity* (University of Southampton, UK) **2023**

Stayed one month (January – February) in the Centre of Research on Self and Identity to work on research projects with Pr. Constantine Sedikides, Pr. Aiden Gregg, and Dr. Nicholas Kelley. Two research projects are currently being developed in collaboration with Southampton.

Working group on the Covid-19 pandemic (CeRCA, Research Center on Cognition and Learning) **2021**

Participated to the methods conception and data analysis in a collaborative project (supervised by Dr. Selimbegović and Pr. Goutaudier) to assess the impact of autobiographical memory specificity on elderly adults' intention to use adaptive and maladaptive coping strategies.

Research Engineer at the Research Unit on Cognition – University Hospital of Poitiers **2020**

Built two online tasks measuring bias toward tobacco-related stimuli among individuals suffering from nicotine addiction

Supervision

- **Master thesis for the 5th year of psychology**

Charlie Ziotti **2020 - 2021**

“*Eye-Tracking the Escape from the Self: Self-focus avoidance upon Failure*”; Co-supervision with Dr. **Leila Selimbegović**

- **Dissertation (TER) for the 4th year of psychology**

Dorian Garnier	2022 - 2023
<i>"Inclusion of the other in the self and social comparisons with romantic partners"; Co-supervision with Pr. Cédric Bouquet</i>	
Jade Carré	2022 - 2023
<i>"Narcissism and Inclusion of the romantic partner in the self"; Co-supervision with Pr. Cédric Bouquet</i>	
Patrick Martins Sousa	2019 - 2020
<i>"Self-Reported Shame Following First Name Priming"; Co-supervision with Dr. Leila Selimbegović</i>	
Tristan Marois	2019 - 2020
<i>"Reflexive Emotions associated to Self-Awareness Upon Failure"; Co-supervision with Dr. Leila Selimbegović</i>	
Margaux Renoux	2019 - 2020
<i>"Social Thermoregulation and Self-Awareness in the Terror Management Theory"; Co-supervision with Pr. Armand Chatard</i>	
Sylvain Chauvin	2018 - 2019
<i>"Self-Awareness, Feelings of Shame, and Thought Content Change"; Co-supervision with Dr. Leila Selimbegović</i>	
Pauline Montigaud	2018 - 2019
<i>"The effect of Self-Awareness and Shame-Proneness on Failure-thought accessibility"; Co-supervision with Dr. Leila Selimbegović</i>	
• <u>Internship - 3rd year of psychology</u>	
Naimat Hamidou	2018 - 2019
Co-supervision with Dr. Leila Selimbegović	

Teaching

DISCIPLINE	SUBJECT	LEVEL	HOURS
SOCIAL PSYCHOLOGY	Propaganda	1 st Year	112h
	Perceiving and Explaining Behaviours	2 nd Year	126h
	Identity and Stigmatization	3 rd Year	51h
	Social Influences	1 st Year	42h
	Intergroup Relations	3 rd Year	30h
	Self-Esteem and Existential Threats	3 rd Year	2h
	Evolutionary psychology	2 nd Year	9h
METHODS AND STATISTICS	Statistics Applied to Psychology	1st year	28h
	Advanced Statistics in Psychology	3rd Year	60h
	Experimental Methods	1 st Year	18h
	Epistemology	4 th Year	3h
COGNITIVE PSYCHOLOGY	Decision Making and Reasoning	1 st Year & 2 nd Year	33h
	Language and Memory	2 nd Year	18h
	Cognitive Control	1 st Year	3h
	Social Cognition	3 rd Year	18h
DEVELOPMENTAL PSYCHOLOGY	Socialization during childhood	1 st Year	27h
Total			[580h]

Websites and Social Networks

Websites

<https://jumbologist.wordpress.com/>

Humor-oriented blog vulgarizing meta-science and epistemological concepts (*French*)

<https://jeanmoneger.com>

Self-promoting academic website summing up my research experience

Social networks

<https://twitter.com/JeanMoneger>

https://www.researchgate.net/profile/Jean_Moneger

Academic References

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Dr. Sebastian Lobentzner (University Hospital Heidelberg, Germany)

Pr. Aiden Gregg (University of Southampton, United Kingdom)

Dr. Alex Patterson (University of Sheffield, United Kingdom)

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