

# Alexandre Duval

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**Areas of specialization:** Philosophy of Mind, Philosophy of Cognitive Science

**Areas of competence:** Philosophy of Mathematics, Metaphysics, Philosophy of Science, Philosophy of Language, Epistemology

## EMPLOYMENT

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**Postdoctoral Research Fellow** 2022 – ...  
*School of Philosophy, Australian National University*  
Research topic: Major transitions in the evolution of cognition

**Postdoctoral Research Fellow** 2020 – 2022  
*Department of Philosophy, University of British Columbia*  
Research topic: Origins of geometric cognition

## EDUCATION

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**PhD in Philosophy** 2014 – 2019  
*University of Sheffield*  
Thesis: ‘Where Am I? The Cognitive Architecture of Spatial Reorientation’  
Supervised by Stephen Laurence and Luca Barlassina, passed without corrections  
Examiners: Peter Carruthers (external) and Dominic Gregory (internal)

**MA in Philosophy (with Cognitive Science Concentration)** 2012 – 2014  
*Université du Québec à Montréal (UQAM), Canada*

**BA in Philosophy and Mathematics (Double Major)** 2005 – 2009  
*McGill University*

## PUBLICATIONS

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**Duval, A. & Côté-Bouchard, C.** Forthcoming. “The motivation problem of epistemic expressivists”, *Ergo* (13,866 words as a preprint).

**Duval, A.** 2019. “The representation selection problem: Why we should favor the geometric-module framework of spatial reorientation over the view-matching framework”, *Cognition*, vol. 192 (23,664 words).

## WORK IN PROGRESS

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“In defense of hardwired flexibility, or: What rodents can do without language” (*under review*)

“What is geometry for animals?” (*in preparation*)

“A neurobiological argument for the geometric module” (*in preparation*)

“Non-human animals have geometric concepts” (*in preparation*)

## AWARDS AND FELLOWSHIPS

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**Postdoctoral Research Fellowship (90,000\$ in total)** 2020-2022  
*Social Sciences and Humanities Research Council of Canada*

**Doctoral Fellowship (80,000\$ in total)** 2014-2018  
*Social Sciences and Humanities Research Council of Canada*

**Doctoral Fellowship (60,000\$ in total)** declined in 2014  
*Quebec Research Funds – Society and Culture (FRQSC), Canada*

**Faculty Scholarship (£13,500 for living costs, plus £40,170 for tuition fees)** 2014-2017  
*University of Sheffield*

**Academic Excellence Graduate Scholarship (5000\$)** 2013-2014  
*Université du Québec à Montréal*

## TEACHING

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**Instructor** (University of British Columbia)  
*Metaphysics* Spring 2022  
Lecturing and course design for a third-year undergraduate class in metaphysics

*Minds and Machines* Summer 2021  
Lecturing and course design for a second-year undergraduate class in philosophy of mind, philosophy of cognitive science, and philosophy of artificial intelligence

**Undergraduate Project Supervisor** (University of British Columbia)  
*Research in Cognitive Systems* Fall 2021  
Supervision for the final-year research project of an undergraduate student in the *Cognitive Systems* program. The project is worth three credits.  
Topic: How culture shapes perception and cognition

**Guest lecturer** (University of Sheffield)  
*Cognitive Studies Seminar* – MA level October 2017  
Topic: Geometric representations in human and non-human animal minds

**Teaching Assistant (University of Sheffield)***Mind, Brain and Personal Identity*

Fall 2015

**Teaching Assistant (Université du Québec à Montréal)***Introduction to Philosophical Methodology*

Fall 2013

*Introduction to Philosophy of Language*

Winter 2013

*Introduction to Philosophical Methodology*

Fall 2012

**REFEREED PRESENTATIONS**

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*Thinking in Language? Reassessing the Case from Spatial Cognition*

June 2021

Canadian Philosophical Association Annual Conference

*A Neurophysiological Argument for the Geometric Module*

July 2020

Cognitive Science Society Annual Meeting

*The Snapshot Selection Problem*

October 2016

Philosophy &amp; Cognitive Science: A Conference in Honour of Stephen Stich, University of Sheffield

*Epistemic Expressivism and Doxastic Involuntarism*

April 2013

Université du Québec Annual Graduate Conference in Philosophy

**INVITED PRESENTATIONS**

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*The Neurophysiology of Spatial Navigation and the Structure of the Mind*

September 2017

Mind and Society Philosophy Conference, University of Sheffield

*The Snapshot Selection Problem*

November 2016

The Hippocampal Journal Club, Institute of Behavioural Neuroscience, University College London

**ACADEMIC SERVICE**

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Lead-organizer of *Mind and Society: Two Philosophical Conferences*

University of Sheffield

September 2017

Co-chair for the *Philosophy International Postgraduate Students Society*

University of Sheffield

2015–2017

**LANGUAGES**

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French (native speaker), English (native-level proficiency)