

Département
de neurosciences
Faculté de médecine

Université 
de Montréal
et du monde.

Séminaires
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Université de Pennsylvanie

The Humanity of the Neurosciences

Vendredi 15 novembre 2024

12 h à 13 h

En présentiel

Pavillon Paul-G.-Desmarais | 2960, chemin de la Tour, **local 1120**

En ligne

<https://umontreal.zoom.us/j/82037705482?pwd=S3A5NXJGMnhjTCtMc0o0VmduMU1mUT09>

Sujet de la conférence:

As in many disciplines, progress in neuroscience is made possible by the exchange of information between people, whether informally over a cup of coffee or formally through peer-reviewed publications. In the formal exchange occurring in scholarly articles, we use references to buttress our communication: we cite the work of other scholars to build our arguments, contextualize our results, and foreground possibilities for future research. Despite being a critical feature of science communication—as well as a history of ideas—little remains known about how scientists choose references and how those choices influence the exchange of information that subtends advancement in the field. Here I will examine citation practices—who we cite and how favorably or critically we cite them—in neuroscience from 1995 to today using extensive bibliometric analysis and capitalizing on recent advances in large language models. In describing the results of 3 separate studies, I will demonstrate that citation practices differ by author gender, vary with journal prestige, and track social norms of small groups, larger disciplines, and whole countries. Collectively, the results demonstrate that science is social, and scientific practices are bound by the complexities of human behavior. This fundamental humanity of science raises important questions about social justice and inequalities of privilege that have critical import for educating the next generation of young neuroscientists.

Entrée libre

La conférence sera présentée en anglais

Personne-ressource pour rencontrer le conférencier : Becket Ebitz

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