Stanford

Douglas Richard Guilbeault

Associate Professor of Organizational Behavior at the Graduate School of Business

Bio

ACADEMIC APPOINTMENTS

- Associate Professor, Organizational Behavior

PROGRAM AFFILIATIONS

- Symbolic Systems Program

Teaching

COURSES

2026-27

- Designing Culture: Networks, AI, and the Future of Organizations: OB 354 (Spr)
- Theoretical Computational Social Science: OB 638 (Spr)

2025-26

- Designing Culture: Networks, AI, and the Future of Organizations: OB 354 (Win)
- Theoretical Computational Social Science: OB 638 (Win)

2024-25

- Theoretical Computational Social Science: OB 638 (Win)

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Tara Srirangarajan, Fabian Tschofenig

Doctoral Dissertation Co-Advisor (AC)

Ziwen Chen

Master's Program Advisor

Adam Johnson

Doctoral (Program)

Joice Chen, Jehyun Chung, Sebastian Kane, Yuka Machino

Publications

PUBLICATIONS

- **A simple threshold captures the social learning of conventions.** *Proceedings of the National Academy of Sciences of the United States of America*

Guilbeault, D., Caplan, S., Yang, C.
2026; 123 (17): e2508061123

- **Age and gender distortion in online media and large language models.** *Nature*
  Guilbeault, D., Delecourt, S., Desikan, B. S.
  2025
- **Statistical or Embodied? Comparing Colorseeing, Colorblind, Painters, and Large Language Models in Their Processing of Color Metaphors.** *Cognitive science*
  Nadler, E. O., Guilbeault, D., Ringold, S. M., Williamson, T. R., Bellemare-Pepin, A., Comșa, I. M., Jerbi, K., Narayanan, S., Aziz-Zadeh, L.
  2025; 49 (7): e70083
- **Information architectures: a framework for understanding socio-technical systems.** *Npj complexity*
  Smaldino, P. E., Russell, A., Zefferman, M. R., Donath, J., Foster, J. G., Guilbeault, D., Hilbert, M., Hobson, E. A., Lerman, K., Miton, H., Moser, C., Lasser, J., Schmer-Galunder, et al
  2025; 2 (1): 13
- **Online images amplify gender bias** *NATURE*
  Guilbeault, D., Delecourt, S., Hull, T., Desikan, B., Chu, M., Nadler, E.
  2024: 1049-1055
- **Exposure to the Views of Opposing Others with Latent Cognitive Differences Results in Social Influence-But Only When Those Differences Remain Obscured** *MANAGEMENT SCIENCE*
  Guilbeault, D., van Loon, A., Lix, K., Goldberg, A., Srivastava, S. B.
  2023
- **Divergences in color perception between deep neural networks and humans.** *Cognition*
  Nadler, E. O., Darragh-Ford, E., Desikan, B. S., Conaway, C., Chu, M., Hull, T., Guilbeault, D.
  2023; 241: 105621
- **Signal in Noise: Exploring Meaning Encoded in Random Character Sequences with Character-Aware Language Models**
  Chu, M., Desikan, B., Nadler, E. O., Sardo, R. L., Darragh-Ford, E., Guilbeault, D., Assoc Computat Linguist
  ASSOC COMPUTATIONAL LINGUISTICS-ACL.2022: 7120-7134
- **Color associations in abstract semantic domains.** *Cognition*
  Guilbeault, D., Nadler, E. O., Chu, M., Lo Sardo, D. R., Kar, A. A., Desikan, B. S.
  2020; 201: 104306