Stanford

Helena Miton

Assistant Professor of Organizational Behavior at the Graduate School of Business

Bio

ACADEMIC APPOINTMENTS

- Assistant Professor, Organizational Behavior

PROGRAM AFFILIATIONS

- Symbolic Systems Program

Teaching

COURSES

2026-27

- From Cognition to Cultural Evolution: OB 641 (Win)
- Organizational Principles from Unusual Places: HRMGT 212 (Win)

2025-26

- Organizational Principles from Unusual Places: HRMGT 212 (Win)

2024-25

- Organizational Principles from Unusual Places: HRMGT 212 (Spr)

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Huan Wang

Doctoral (Program)

Joseph Young

Publications

PUBLICATIONS

- **Cognitive affordances of South Scandinavian Mesolithic portable art as inferred from complexity and entropy measures** *JOURNAL OF ARCHAEOLOGICAL SCIENCE*
  Herskind, L., Fusaroli, R., Miton, H., Riede, F.
  2026; 189
- **Complex technology requires cultural innovations for distributing cognition** *TRENDS IN COGNITIVE SCIENCES*
  Milton, H., Jackson, J. C.
  2026; 30 (2): 124-135
- **Cognitive Technologies and Their Histories.** *Topics in cognitive science*

Chrisomalis, S., Miton, H.
2025

- **Complex technology requires cultural innovations for distributing cognition.** *Trends in cognitive sciences*
  Miton, H., Jackson, J. C.
  2025

- **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

- **The phonology of letter shapes: Feature economy and informativeness in 43 writing systems** *JOURNAL OF MEMORY AND LANGUAGE*
  Kim, Y., Allassonniere-Tang, M., Miton, H., Morin, O.
  2025; 142

- **Zipf's Law of Abbreviation holds for individual characters across a broad range of writing systems** *COGNITION*
  Koshevoy, A., Miton, H., Morin, O.
  2023; 238: 105527

- **Statistical signals of copying are robust to time- and space-averaging** *EVOLUTIONARY HUMAN SCIENCES*
  Youngblood, M., Miton, H., Morin, O.
  2023; 5: e10

- **The cultural transmission of tacit knowledge** *JOURNAL OF THE ROYAL SOCIETY INTERFACE*
  Miton, H., DeDeo, S.
  2022; 19 (195): 20220238

- **WikiArtVectors: Style and Color Representations of Artworks for Cultural Analysis via Information Theoretic Measures** *ENTROPY*
  Desikan, B., Shimao, H., Miton, H.
  2022; 24 (9)

- **The Predictable Evolution of Letter Shapes An Emergent Script of West Africa Recapitulates Historical Change in Writing Systems** *CURRENT ANTHROPOLOGY*
  Kelly, P., Winters, J., Miton, H., Morin, O.
  2021; 62 (6): 669-684

- **Understanding early horse transport in eastern Eurasia through analysis of equine dentition** *ANTIQUITY*
  Taylor, W. T. T., Cao, J., Fan, W., Ma, X., Hou, Y., Wang, J., Li, Y., Zhang, C., Miton, H., Chechushkov, I., Bayarsaikhan, J., Cook, R., Jones, et al
  2021; 95 (384): 1478-1494

- **Culture without copying or selection** *EVOLUTIONARY HUMAN SCIENCES*
  Acerbi, A., Charbonneau, M., Miton, H., Scott-Phillips, T.
  2021; 3: e50

- **Ecological and psychological factors in the cultural evolution of music** *BEHAVIORAL AND BRAIN SCIENCES*
  Scott-Phillips, T., Tominaga, A., Miton, H.
  2021; 44: e110

- **Graphic complexity in writing systems** *COGNITION*
  Miton, H., Morin, O.
  2021; 214: 104771

- **Motor constraints influence cultural evolution of rhythm** *PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES*
  Miton, H., Wolf, T., Vesper, C., Knoblich, G., Sperber, D.
  2020; 287 (1937): 20202001

- **A Forward Bias in Human Profile-Oriented Portraits** *COGNITIVE SCIENCE*
  Miton, H., Sperber, D., Hernik, M.
  2020; 44 (6): e12866

- **When iconicity stands in the way of abbreviation: No Zipfian effect for figurative signals** *PLOS ONE*
  Miton, H., Morin, O.
  2019; 14 (8): e0220793
- **Utilizing simple cues to informational dependency** *EVOLUTION AND HUMAN BEHAVIOR*
  Hugo, M., Helena, M.
  2019; 40 (3): 301-314
- **Detecting wholesale copying in cultural evolution** *EVOLUTION AND HUMAN BEHAVIOR*
  Morin, O., Miton, H.
  2018; 39 (4): 392-401
- **Willingness to transmit and the spread of pseudoscientific beliefs** *APPLIED COGNITIVE PSYCHOLOGY*
  Mercier, H., Majima, Y., Miton, H.
  2018; 32 (4): 499-505
- **Cumulative culture in the laboratory: methodological and theoretical challenges** *PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES*
  Miton, H., Charbonneau, M.
  2018; 285 (1879)
- **Individual Choose-to-Transmit Decisions Reveal Little Preference for Transmitting Negative or High-Arousal Content** *JOURNAL OF COGNITION AND CULTURE*
  van Leeuwen, F., Parren, N., Miton, H., Boyer, P.
  2018; 18 (1-2): 124-153
- **Developmental and cultural factors in economic beliefs** *BEHAVIORAL AND BRAIN SCIENCES*
  Miton, H., Sperber, D.
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