



Gabriella M. Harari

Assistant Professor of Communication

Bio

BIO

Gabriella Harari is an Assistant Professor in the Department of Communication at Stanford University, where she directs the Media and Personality Lab.

She studies how personality is expressed in the physical and digital contexts of everyday life. Much of her research is focused on understanding what digital technologies reveal about who we are, and how use of digital technologies shapes who we are. Her current projects analyze people's everyday behavioral patterns (e.g., social interactions, mobility) and environmental contexts (e.g., places visited, social media platforms) to show how they are associated with individual differences in personality and well-being.

Harari takes an ecological approach to conducting her research, emphasizing the importance of studying people and their behavior in natural contexts. To that end, she conducts intensive longitudinal field studies and is interested in mobile sensing methods and analytic techniques that combine approaches from the social and computer sciences. For example, methodologies she uses in her work include surveys, experience sampling, longitudinal modeling, mobile sensing, data mining, and machine learning.

Harari completed a Postdoctoral Fellowship and earned her PhD at the Department of Psychology at The University of Texas at Austin. She completed her BA in Psychology & Humanities from Florida International University, where she was also a Ronald E. McNair Scholar. Her work has been published in academic outlets such as *Perspectives in Psychological Science*, *Journal of Personality and Social Psychology*, and the *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*. Her work has also been supported by the National Science Foundation and Stanford HAI Seed Grant Awards.

ACADEMIC APPOINTMENTS

- Assistant Professor, Communication
- Faculty Affiliate, Institute for Human-Centered Artificial Intelligence (HAI)

PROFESSIONAL EDUCATION

- BA, Florida International University , Psychology & Humanities (2011)
- PhD, The University of Texas at Austin , Psychology (2016)

LINKS

- Department Site: <https://comm.stanford.edu/faculty-harari/>
- Lab Site: <https://maplab.stanford.edu>
- Life Sensing Consortium: <https://lifesensingconsortium.org>

Teaching

COURSES

2021-22

- Advanced Topics on Individual Differences in Media Psychology: COMM 346 (Spr)
- Media Processes and Effects: COMM 108, COMM 208 (Win)
- Personality Expression in Digitally Mediated Contexts: COMM 345 (Spr)

2020-21

- Advanced Topics on Individual Differences in Media Psychology: COMM 346 (Win)
- Personality Expression in Digitally Mediated Contexts: COMM 345 (Spr)
- Personality and Digital Media: COMM 145, COMM 245 (Spr)

2019-20

- Communication Colloquium: COMM 390 (Aut, Win)
- Media Processes and Effects: COMM 108, COMM 208 (Aut)
- Personality Expression in Digitally Mediated Contexts: COMM 345 (Spr)
- Personality and Digital Media: COMM 145, COMM 245 (Spr)

2018-19

- Media Processes and Effects: COMM 108, COMM 208 (Aut)
- Personality Expression in Digitally Mediated Contexts: COMM 345 (Spr)
- Personality and Digital Media: COMM 145, COMM 245 (Spr)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Sabrina Huang, Hanseul Jun

Doctoral Dissertation Advisor (AC)

Katie Roehrick

Master's Program Advisor

Jada Hallman

Doctoral (Program)

Katie Roehrick, Serena Soh, Sumer Vaid

Publications

PUBLICATIONS

- **Personality-Place Transactions: Mapping the Relationships Between Big Five Personality Traits, States, and Daily Places** *JOURNAL OF PERSONALITY AND SOCIAL PSYCHOLOGY*
Matz, S. C., Harari, G. M.
2021; 120 (5): 1367-1385
- **Who uses what and how often?: Personality predictors of multiplatform social media use among young adults** *JOURNAL OF RESEARCH IN PERSONALITY*
Vaid, S. S., Harari, G. M.

2021; 91

- **Personality Sensing for Theory Development and Assessment in the Digital Age** *EUROPEAN JOURNAL OF PERSONALITY*
Harari, G. M., Vaid, S. S., Mueller, S. R., Stachl, C., Marrero, Z., Schoedel, R., Buehner, M., Gosling, S. D.
2020
- **Investigating the Relationships Between Mobility Behaviours and Indicators of Subjective Well-Being Using Smartphone-Based Experience Sampling and GPS Tracking** *EUROPEAN JOURNAL OF PERSONALITY*
Mueller, S. R., Peters, H., Matz, S. C., Wang, W., Harari, G. M.
2020; 34 (5): 714–32
- **Predicting personality from patterns of behavior collected with smartphones.** *Proceedings of the National Academy of Sciences of the United States of America*
Stachl, C., Au, Q., Schoedel, R., Gosling, S. D., Harari, G. M., Buschek, D., Volkel, S. T., Schuwerk, T., Oldemeier, M., Ullmann, T., Hussmann, H., Bischl, B., Buhner, et al
2020
- **Sensing Sociability: Individual Differences in Young Adults' Conversation, Calling, Texting, and App Use Behaviors in Daily Life** *JOURNAL OF PERSONALITY AND SOCIAL PSYCHOLOGY*
Harari, G. M., Mueller, S. R., Stachl, C., Wang, R., Wang, W., Buehner, M., Rentfrow, P. J., Campbell, A. T., Gosling, S. D.
2020; 119 (1): 204–28
- **A process-oriented approach to respecting privacy in the context of mobile phone tracking.** *Current opinion in psychology*
Harari, G. M.
2019; 31: 141–47
- **Smartphone sensing methods for studying behavior in everyday life** *CURRENT OPINION IN BEHAVIORAL SCIENCES*
Harari, G. M., Mueller, S. R., Aung, M. H., Rentfrow, P. J.
2017; 18: 83–90
- **Multi-modal data collection for measuring health, behavior, and living environment of large-scale participant cohorts.** *GigaScience*
Wu, C., Fritz, H., Bastami, S., Maestre, J. P., Thomaz, E., Julien, C., Castelli, D. M., de Barbaro, K., Bearman, S. K., Harari, G. M., Cameron Craddock, R., Kinney, K. A., Gosling, et al
2021; 10 (6)
- **Personality Research and Assessment in the Era of Machine Learning** *EUROPEAN JOURNAL OF PERSONALITY*
Stachl, C., Pargent, F., Hilbert, S., Harari, G. M., Schoedel, R., Vaid, S., Gosling, S. D., Buehner, M.
2020
- **Social Sensing: Assessing Social Functioning of Patients Living with Schizophrenia using Mobile Phone Sensing**
Wang, W., Mirjafari, S., Harari, G., Ben-Zeev, D., Brian, R., Choudhury, T., Hauser, M., Kane, J., Masaba, K., Nepal, S., Sano, A., Scherer, E., Tseng, et al
ASSOC COMPUTING MACHINERY.2020
- **Personality trait predictors and mental well-being correlates of exercise frequency across the academic semester.** *Social science & medicine (1982)*
Kroencke, L. n., Harari, G. M., Katana, M. n., Gosling, S. D.
2019; 236: 112400
- **Smartphones in Personal Informatics: A Framework for Self-Tracking Research with Mobile Sensing** *DIGITAL PHENOTYPING AND MOBILE SENSING: NEW DEVELOPMENTS IN PSYCHOINFORMATICS*
Vaid, S. S., Harari, G. M., Baumeister, H., Montag, C.
2019: 65–92
- **Inference of Big-Five Personality Using Large-scale Networked Mobile and Appliance Data**
Tong, C., Harari, G. M., Chieh, A., Bellahsen, O., Vegreville, M., Roitmann, E., Lane, N. D., Assoc Comp Machinery
ASSOC COMPUTING MACHINERY.2018: 530
- **An Evaluation of Students' Interest in and Compliance With Self-Tracking Methods: Recommendations for Incentives Based on Three Smartphone Sensing Studies** *SOCIAL PSYCHOLOGICAL AND PERSONALITY SCIENCE*
Harari, G. M., Mueller, S. R., Mishra, V., Wang, R., Campbell, A. T., Rentfrow, P. J., Gosling, S. D.
2017; 8 (5): 479–92
- **Using Human Raters to Characterize the Psychological Characteristics of GPS-based Places**

Muller, S. R., Matz, S., Mascolo, C., Harari, G. M., Khambatta, P., Gosling, S. D., Mehrotra, A., Musolesi, M., Rentfrow, P. J., ACM
ASSOC COMPUTING MACHINERY.2017: 157-60

- **Participants' Compliance and Experiences with Self-Tracking Using a Smartphone Sensing App**

Harari, G. M., Wang, R., Wang, W., Campbell, A. T., Mueller, S. R., ACM
ASSOC COMPUTING MACHINERY.2017: 57-60