

## Sumer S. Vaid

### Curriculum Vitae

Department of Communication,  
Stanford University,  
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## Research Interests

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My research explores how digital media technologies can be used to study and alter psychological processes and outcomes. I am especially interested in a person-specific, idiographic approach that examines the extent to which individual differ from each other in their response to different kinds of media. I use supervised and unsupervised machine learning techniques, multilevel dynamic time series models, structural equation models and inferential statistics to answer my research questions. I am especially interested in examining dynamics between digital media use and psychological wellbeing in diverse regions of the world where technology use is growing the fastest. I am also interested in ethical and philosophical issues concerning the mind, communication processes and scientific methodology more broadly.

## Education

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2018-2023

**Ph.D. in Communication,  
M.A. in Communication,  
Stanford University, CA**  
Advisor: Prof. Gabriella M. Harari

2014-2018

**M.A. in Social Sciences (concentration in Psychology),  
Graduate Certificate in Computational Social Sciences,  
University of Chicago, IL**

- **Master's Thesis:** A Psychological Portrait of Cross-Platform Social Media Use

**B.A. in Psychology,  
University of Chicago, IL**

- **General and Department Honors**
- **Honors Thesis:** Positive Implicit Bias Towards High Status Individuals

## Awards

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1. Ric Weiland Graduate Fellowship, Stanford University (2021)
2. McCoy Center for Ethics Fellowship, Stanford University (2021)
3. Stanford Center on Democracy Research Grant, Stanford University (2020)
4. Lawrence A. Kimpton Fellowship, University of Chicago (2018)
5. SPSP Diversity Fund Undergraduate Award, University of Chicago (2018)
6. PRISM Research Grant Recipient, University of Chicago (2017)
7. UCISTEM Research Grant Recipient, University of Chicago (2017)
8. Norman Henry Anderson Research Fund Grant, University of Chicago (2016, 2017)
9. College Research Fellow, University of Chicago (2017)

10. Dean's Fund for Student Life Award, University of Chicago (2016)

11. Dean's List 2014-2018, University of Chicago

## Publications

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**Vaid, S. S.**, Abdullah, S., Thomaz, E., & Harari, G.M. (in-press). Ubiquitous Computing Technologies for Investigating Person- Environment Interactions: Opportunities, Challenges & Future Directions. In P. Harms, S. Read, & A.J. Slaughter (Eds.). *Emerging Approaches to Measuring and Modeling the Person and Situation*.

**Vaid, S. S.** & Harari, G.M. (2021). Who Uses What and How Often?: Personality Predictors of Multiplatform Social Media Use in A Large-Scale Sample of Young Adults. *Journal Of Research In Personality*.

Harari, G. M., **Vaid, S. S.**, Müller, S. R., Stachl, C., Marrero, Z., Schoedel, R., Bühner, M., & Gosling, S. D. (2020). Personality Sensing for Theory Development and Assessment in the Digital Age. *European Journal of Personality*, Special Issue: Behavioral Personality Science in the Age of Big Data.

Stachl, C., Pargent, F., Hilbert, S., Harari, G. M., Schoedel, R., **Vaid, S. S.**, ... & Bühner, M. (2020). Personality Research and Assessment in the Era of Machine Learning. *European Journal of Personality*, Special Issue: Behavioral Personality Science in the Age of Big Data.

Khwaja, M., **Vaid, S. S.**, Zannone, S., Harari, G. M., Faisal, A. A., & Matic, A. (2019). Modeling Personality vs. Modeling Personalidad: In-the-wild Mobile Data Analysis in Five Countries Suggests Cultural Impact on Personality Models. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies*, 3(3), 88.

**Vaid, S. S.**, & Harari, G. M. (2019). Smartphones in Personal Informatics: A Framework for Self- Tracking Research with Mobile Sensing. In *Digital Phenotyping and Mobile Sensing* (pp. 65-92). Springer, Cham.

### Selected Works In Progress:

Miller, D., Sibi, S., Johns, M., Mok, B., **Vaid, S.S.**, Sirkin, D., Ju, W., (in revision). Exploring Silent Failures and Task Focus in Partially Automated Driving. *Human Factors*.

Roehrick, K.C., **Vaid, S.S.**, & Harari, G.M. (in revision). Situating Smartphones in Everyday Life: Personality Traits and Situational Context Shape Momentary Smartphone Use. *Journal of Personality and Social Psychology*.

**Vaid, S.S.**, Kroncke, L., Talaifar, S.T, Back M.D., Gosling, S. D., & Harari, G.M. (in-prep). Person Specific Effects of Social Media Use on Psychological Wellbeing.

**Vaid, S.S.** & Harari, G.M. (in-prep). Personality Moderates The Link Between Social Media Use and Psychological Wellbeing.

**Vaid, S.S.**, Hancock, J.T., Woodworth M.C., & Harari, G.M. (in-prep). Everyday Behavioral Profiles of The Dark Triad: A Smartphone Sensing Paradigm.

Harari, G. M., Kroncke, L., **Vaid, S.S.**, Müller, S. R., & Bayer, J. (in prep). Sociability in the Digital Age: Psychological and Contextual Predictors of Everyday Social Behavior.

**Vaid, S.S.**, Bailenson, J. N., & Harari G.M. (data collection). Psychological Antecedents to Text-Based Fake News and Deepfake Videos.

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## Posters, Talks & Guest Lectures

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Talaifar, S., Harari, G.M., Marrero, Z., Stachl, C., **Vaid, S. S.**, & Gosling, S.D. (2021, February). *Using Smartphone Sensing to Describe Behavior During the COVID-19 Pandemic*. Talk presented at the annual meeting of the Society for Personality and Social Psychology, Virtual.

**Vaid, S. S. (2021)**. Personalization. *Guest Lecture for COMM 145/245: Personality & Digital Media*. Stanford University, CA.

**Vaid, S.S.**, Hancock, J. T., Woodworth M., & Harari G.M. (2021). Everyday Behavioral Manifestations of The Dark Triad. *Poster presented at Society for Personality Psychology Annual Convention – Preconference on Psychology of Media and Technology*.

**Vaid, S. S.** & Harari., G.M. (2020, February). *Investigating Individual Differences in Passive and Active Social Media Use*. Poster presented at the annual meeting of the Society for Personality and Social Psychology, New Orleans, Louisiana.

Marrero, Z., Gosling, S.D., Harari, G., Stachl, C., **Vaid, S.S.** (2020, February). *Detecting Depression from Daily Behaviors Sensed by Smartphone: Cross-validation (Machine Learning) VS In-Sample Regression Approaches*. Data Blitz: Oral presented at the annual convention of the Society for Personality and Social Psychology, New Orleans, LA.

**Vaid, S. S.**, Hancock, J.T., Woodworth, M., & Harari, G. M. (2020). Sensing The Dark Triad With Smartphones: Everyday Behavioral Manifestations of Psychopathy, Machiavellianism, and Narcissism. Poster presented at International Communication Association Annual Conference (virtual), 2020.

Chaikulngamdee, C., **Vaid, S. S.**, Appel, R., & Harari, G. M. (2020, February). *Self-Tracking for Self-Insight and Behavior Change*. Poster presented at the annual meeting of the Society for Personality and Social Psychology, New Orleans, Louisiana.

**Vaid, S. S.** & Harari, G.M. (2020). Deconstructing Social Media Use Across Four Platforms: Individual Differences in Active and Passive Social Media Behaviors in Facebook, Snapchat, Instagram & Twitter. Poster presented at International Communication Association Annual Conference (virtual), 2020.

**Vaid S. S.** & Harari, G.M. (2020). Investigating Individual Differences in Passive and Active Social Media Use. Poster presented at Society for Personality and Social Psychology Annual Convention, 2020.

**Vaid, S.S.** & Harari, G.M. (2019). A Psychological Portrait of Cross-Platform Social Media Use. Poster presented at Society for Personality and Social Psychology Annual Convention, 2019.

## Professional Service

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### SERVICE ACTIVITIES

2020 – present

Social Chair & Graduate Student Representative,  
Department of Communication, Stanford University

### AD-HOC REVIEWER

Cyberpsychology, Behavior & Social Networking; Social  
Science Computer Review

### MENTOR

Dax Duong (Stanford), Rachel Xu (Foothill  
College/Berkeley), Eleni Stogianni (Foothill College),  
Kathy Chen (Berkeley), Vindhya Vishwanath (Manipal  
University, India).