

Michelle Ng

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Education

- 2021 – **Stanford University**
PhD in Communication
Advisor: Nilam Ram
- 2014 – 2018 **Harvard University**
B.A. in Visual and Environmental Studies
Minor in Computer Science
Study abroad: Politics of Food, Water & Energy (Vietnam, Morocco, Bolivia)

Professional Experience

- 2019 – 2021 **Digital Innovations Analyst, International Water Management Institute, Sri Lanka**
Researched the relationship between (1) digital technologies, (2) inclusion and equity, and (3) food, land, and water systems. Coordinated with partners from government ministries, international donors, UN agencies, local nonprofits, and smallholder farmers.
- 2018 – 2019 **Princeton in Asia Fellow, International Water Management Institute, Sri Lanka**
Facilitated participatory photography activities in collaboration with smallholder farmers in Ghana, Laos, Myanmar, Nepal, and South Africa as part of IWMI's campaign for more inclusive water governance.
- 2018 – 2019 **Research Assistant, Digital Psychiatry Department, Beth Israel Deaconess Medical Center, Boston, MA**
Researched how user engagement is evaluated in mobile mental health apps.
- 2016 – 2018 **Photographer/Videographer, Mt. Auburn Productions, Cambridge, MA**
Produced multimedia outputs that achieved clients' goals.
- 2017 – 2018 **Research Assistant, Harvard Berkman Klein Center for Internet & Society, Cambridge, MA**
Contributed to policy papers about the ethics and governance of artificial intelligence.
- 2017 **Design Intern, UCSD Design Lab, San Diego, CA**
Conducted user research and designed, developed, piloted, and evaluated a crowd-based platform for participatory urban planning in San Diego.

Publications

Ancil Crayton, João Fonseca, Kanav Mehra, Michelle Ng, Jared Ross, Marcelo Sandoval-Castañeda, Rachel von Gnechten, "Narratives and Needs: Analyzing Experiences of Cyclone Amphan Using Twitter Discourse," "Tackling Climate Change with Machine Learning" workshop, Conference on Neural Information Processing Systems (NeurIPS), 2020.

John Torous, Jessica Lipschitz, Michelle Ng, Joseph Firth, "Dropout rates in clinical trials of smartphone apps for depressive symptoms: A systematic review and meta-analysis," *Journal of Affective Disorders*, 2020.

Michelle M. Ng, Joseph Firth, Mia Minnen, John Torous, "User Engagement in Mental Health Apps: A Review of Measurement, Reporting, and Validity," *Journal of Psychiatric Services*, 2019.

Narges Mahyar, Michael R. James, Michelle M. Ng, Reginald A. Wu, Steven P. Dow, "CommunityCrit: Inviting the Public to Improve and Evaluate Urban Design Ideas through Micro-Activities," ACM Human Factors in Computing Systems Conference (CHI), Montreal, Canada, 2018.

Presentations

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| 2020 | "Human-Centered Design and Gender" session, CGIAR Big Data Convention |
| 2020 | "Gender and Digital Innovation," IWMI Gender and Inclusion Strategy launch |
| 2020 | Invited to speak to students and farmers collaborating on local agricultural challenges at Agritech 101, University of Jaffna, Sri Lanka |
| 2019 | Presented participatory photo stories as part of IWMI's campaign for more inclusive water governance, Stockholm World Water Week, Sweden |
| 2018 | Presented outcomes and co-facilitated the communications strategy workshop, ReWater MENA inception workshop, Egypt |

Awards & Grants

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| 2021 | Graduate Research Fellowship Program (National Science Foundation) |
| 2018 | Princeton in Asia Fellowship |
| 2018 | Planetary Health Undergraduate Scholars Program, Madagascar (MAHERY) |
| 2016 | Maru-a-Pula School Fellowship, Botswana (Harvard Center for African Studies) |
| 2016 | Award for Intercultural and Race Relations (Harvard Foundation) |
| 2016 | Three photos selected for exhibition at the Harvard Art Show |