

# Nick Obradovich

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[Google Scholar](#)

## Positions

- 2023-present **Chief Scientist for Environmental Mental Health**  
Laureate Institute for Brain Research
- 2022-2023 **Director and Chief Scientist**  
Project Regeneration
- 2019-2022 **Co-Founding Principal Investigator and Senior Research Scientist**  
Max Planck Institute for Human Development, Center for Humans and Machines
- 2019-2020 **Co-Founder and Chief Scientist**  
Operant
- 2016-2019 **Research Scientist**  
Massachusetts Institute of Technology, Media Lab
- 2016-2017 **Postdoctoral Fellow**  
Harvard University, Belfer Center for Science and International Affairs
- 2009-2010 **Research Assistant**  
Stanford University, Hoover Institution
- 2008 **Analytics Intern**  
Intel Corporation, Eco-Technology Program Office
- 2007 **Environmental Sustainability Analyst**  
Intel Corporation, Office of Innovation Strategy

## Affiliations

- 2023-present **Research Assistant Professor** University of Tulsa, Oxley College of Health Sciences
- 2023-present **Research Affiliate** MIT Center for Real Estate, Sustainable Urbanization Lab
- 2022-2023 **Visiting Researcher** University of Helsinki
- 2016-2023 **Human-Environmental Systems Fellow** Scripps Institution of Oceanography
- 2018-2022 **Research Affiliate** MIT Environmental Solutions Initiative
- 2019 **Associate Senior Research Scientist** Max Planck Institute for Human Development
- 2017-2018 **Associate** Harvard Kennedy School of Government
- 2017-2018 **Associate** Harvard University Center for the Environment

## Education

- 2010-2016 **University of California San Diego** Ph.D. and M.A. in Political Science
- 2005-2009 **Santa Clara University** B.S. Economics and Environmental Studies, *summa cum laude*
- 2007-2008 **University of Oxford** Visiting Student in Economics and Geography

## Instruction

- 2017 **Graduate Quantitative Social Science Research Methods**, (Intro. to Data Science)  
Massachusetts Institute of Technology
- 2012 **Honors Undergraduate Research Methods**  
University of California San Diego

## Publications

49. Johnson, T., **Obradovich, N.** (conditionally accepted). Testing for language model completions that simulate altruism. *Nature Human Behaviour*.
48. Minor, K., Moro, E., **Obradovich, N.** (2025). Worse weather amplifies social media activity. *Psychological Science*.
47. Johnson, T., **Obradovich, N.** (2024). New methods for deprecating artificial intelligence systems will preserve history and facilitate research. *Nature Communications*.
46. Romanello, M., Walawender, M, Hsu, S., ..., **Obradovich, N.**, et al. (2024). The 2024 report of the *Lancet* Countdown on health and climate change: facing record-breaking threats from delayed action. *The Lancet*.  
BBC | Bloomberg | EL PAÍS | FT | Guardian | Le Monde | Reuters | Time | USA Today | WHO
45. **Obradovich, N.\***, Khalsa, S.\*, Khan, W., Suh, J., Perlis, R., Ajilore, O., Paulus, M. (2024). Opportunities and risks of large language models in psychiatry. *NPP-Digital Psychiatry and Neuroscience*. (\* denotes equal contribution).
44. **Obradovich, N.**, Johnson, T., Paulus, M. (2024). Managerial and organizational challenges in the age of AI. *JAMA Psychiatry*.
43. Johnson, T., **Obradovich, N.** (2024). Measuring an artificial intelligence agent's trust in humans using machine incentives. *Journal of Physics: Complexity*.
42. Romanello, M., Di Napoli, C., Green, C., ..., **Obradovich, N.**, et al. (2023). The 2023 report of the *Lancet* Countdown on health and climate change: the imperative for a health-centered response in a world facing irreversible harms. *The Lancet*. Editorial.  
ABC | AP | Axios | CNN | Guardian | Nature News | NBC | NPR | NYT | Reuters | WaPo
41. Fan, Y., Wang, J., **Obradovich, N.**, Zheng, S. (2023). Intraday adaptation to extreme temperatures in outdoor activity. *Scientific Reports*. MIT News
40. Romanello, M., Di Napoli, C., Drummond, P., ..., **Obradovich, N.**, et al. (2022). The 2022 report of the *Lancet* Countdown on health and climate change: health at the mercy of fossil fuels. *The Lancet*. Editorial.  
ABC | AP | Axios | BBC | EL PAÍS | Guardian | Hill | NBC | NYT | UN | USA Today | WaPo
39. Minor, K., Bjerre-Nielsen, A., Jonasdottir, S., Lehmann, S., **Obradovich, N.** (2022). Rising temperatures erode human sleep globally. *One Earth*.  
CNN | EL PAÍS | FT | Guardian | NatGeo | New Scientist | NPR | STAT | Vox | WaPo | Wired
38. **Obradovich, N.\***, Özack, Ö.\*, Martín, I.\*, Ortuño-Ortín, I., Awad, E., Cebrian, M., Cuevas, R., Desmet, K., Rahwan, I., Cuevas, Á. (2022). Expanding the measurement of culture with a sample of two billion humans. *Journal of the Royal Society Interface*. (\* denotes equal contribution).  
EL PAÍS | Vox Op-Ed
37. Belova, A., Gould, C.A., Munson, K., Howell, M., Trevisan, C. **Obradovich, N.**, Martinich, J. (2022). Projecting the suicide burden of climate change in the United States. *GeoHealth*. Eos
36. Wang, J., Fan, Y., Palacios, J., Chai, Y., Guetta-Jeanrenaud, N., **Obradovich, N.**, Zhou, C., Zheng, S. (2022). Global evidence of expressed sentiment alterations during the COVID-19 pandemic. *Nature Human Behaviour*.  
MIT News | Popular Science | Telegraph | The Times
35. **Obradovich, N.**, Minor, K. (2022). Identifying and preparing for the mental health burden of climate change. *JAMA Psychiatry*.  
The Hill | Mashable | NPR | US News

34. Serna, I., Morales, A., Fierrez, J., **Obradovich, N.** (2022). SensitiveLoss: Improving accuracy and fairness of face representations with discrimination-aware deep learning. *Artificial Intelligence*.
33. Yang, J., Cuomo, R., Purushothaman, V., Nali, M., Shah, N., Bardier, C., **Obradovich, N.**, Mackey, T. (2021). Campus smoking policies and smoking-related Twitter posts originating from California public universities. *JMIR Formative Research*.
32. Avraam, D., **Obradovich, N.**, Pescetelli, N., Cebrian, M., and Rutherford, A. (2021). The network limits of infectious disease control via occupation-based targeting. *Scientific Reports*.
31. Romanello, M., McGushin, A., Di Napoli, C., Drummond, P., ..., **Obradovich, N.**, et al. (2021). The 2021 report of the *Lancet* Countdown on health and climate change: code red for a healthy future. *The Lancet*. Commentary.  
AP | Axios | Bloomberg | CNN | EL PAÍS | Grist | NBC | NPR | SciAm | USA Today | WaPo
30. Yanardag, P., **Obradovich, N.**, Cebrian, M., Rahwan, I. (2021). A large-scale study to induce fear using artificial intelligence. *International Conference on Computational Creativity*.  
538 | Atlantic | BBC | BI | Forbes | Gizmodo | NPR | NVIDIA | Pop Mech | WaPo | Wired
29. Groh, M., Epstein, Z., **Obradovich, N.**, Cebrian, M., Rahwan, I. (2021). Human detection of machine manipulated media. *Communications of the ACM*.  
Aeon | Ars Electronica | Artsy | Fast Company | Le Monde | NYT
28. Fowler, J.H., Hill, S.J., Levin, R., and **Obradovich, N.** (2021). Stay-at-home orders associate with subsequent decreases in COVID-19 cases and fatalities in the United States. *PLOS ONE*.
27. Cuomo, R., Purushothaman, V.L., Li, J., Bardier, C., Nali, M., Shah, N., **Obradovich, N.**, Yang, J., Mackey, T. (2021). Characterizing self-reported tobacco, vaping, and marijuana-related tweets geolocated for California college campuses. *Frontiers in Public Health*.
26. Cai, M., Shah, N., Li, J., Chen, W., Cuomo, R., **Obradovich, N.**, Mackey, T. (2020). Identification and characterization of tweets related to the 2015 Indiana HIV outbreak: A retrospective infoveillance study. *PLOS ONE*.
25. Wang, J., **Obradovich, N.**, Zheng, S. (2020). A 43-million-person investigation into climate change and expressed sentiment. *One Earth*. Commentary.  
CNBC | CNN | Miami Herald | Nature Asia
24. Cuomo, R., Cai, M., Shah, N., Li, J., Chen, W., **Obradovich, N.**, Mackey, T. (2020). Characterising communities impacted by the 2015 Indiana HIV outbreak: A big data analysis of social media messages associated with HIV and substance abuse. *Drug and Alcohol Review*.
23. Moore, F.C. and **Obradovich, N.** (2020). Using remarkability to define coastal flooding thresholds. *Nature Communications*.  
CNBC | CNN | Miami Herald | Nature Asia | Quartz | Twitter | The Verge
22. Serna, I., Morales, A., Fierrez, J., Cebrian, M., **Obradovich, N.**, and Rahwan, I. (2020). Algorithmic discrimination: Formulation and exploration in deep learning-based face biometrics. *Proceedings of the Workshop on Artificial Intelligence Safety (SafeAI 2020)*.
21. Ash, K. and **Obradovich, N.** (2020). Climatic stress, internal migration, and Syrian civil war onset. *Journal of Conflict Resolution*. Brookings.
20. **Obradovich, N.** and Rahwan, I. (2019). Risk of a feedback loop between climatic warming and human mobility. *Journal of the Royal Society Interface*.
19. Wang, Z., Lam, N., **Obradovich, N.**, and Ye, X. (2019). Are vulnerable communities digitally left behind in social responses to natural disasters? Evidence from Hurricane Sandy with Twitter data. *Applied Geography*.

18. Rahwan, I.\*, Cebrian, M.\*, **Obradovich, N.\***, Bongard, J., Bonnefon, J., Breazeal, C., Crandall, J.W., Christakis, N.A., Couzin, I.D., Jackson, M.O., Jennings, N.R., Kamar, E., Kloumann, I.M., Larochelle, H., Lazer, D., McElreath, R., Mislove, A., Parkes, D.C., Pentland, A., Roberts, M.E., Shariff, A., Tenenbaum, J.B., Wellman, M. (2019). *Machine behaviour*. *Nature*. (\* denotes equal contribution). [Discussions](#).  
Forbes | [Futurism](#) | [Information Age](#) | [MIT Technology Review](#) | [Telegraph](#) | [WEF](#) | [ZDNet](#)
17. Mir, R., Felbo, B., **Obradovich, N.**, and Rahwan, I. (2019). *Evaluating style transfer for text*. *Annual Conference of the North American Chapter of the Association for Computational Linguistics*.
16. Moore, F.C., **Obradovich, N.**, Lehner, F., and Baylis, P. (2019). *Rapidly declining remarkability of temperature anomalies may obscure public perception of climate change*. *Proceedings of the National Academy of Sciences*.  
[Atlantic](#) | [CNN](#) | [Forbes](#) | [Grist](#) | [Newsweek](#) | [NYT](#) | [Twitter](#) | [USAToday](#) | [WaPo](#) | [Wired](#)
15. **Obradovich, N.**, Migliorini, R., Paulus, M., and Rahwan, I. (2018). *Empirical evidence of mental health risks posed by climate change*. *Proceedings of the National Academy of Sciences*. Awarded Best Paper of the Year.  
[BBC](#) | [CNN](#) | [EL PAÍS](#) | [Grist](#) | [LA Times](#) | [NIH](#) | [NPR](#) | [NYT](#) | [Quartz](#) | [Salon](#) | [US News](#)
14. **Obradovich, N.** and Migliorini, R. (2018). *Sleep and the human impacts of climate change*. *Sleep Medicine Reviews*.
13. **Obradovich, N.**, Tingley, D., and Rahwan, I. (2018). *Effects of environmental stressors on daily governance*. *Proceedings of the National Academy of Sciences*.  
[CNBC](#) | [CNN](#) | [Physics World](#) | [The Weather Channel](#) | [US News](#) | [Utah Public Radio](#)
12. Epstein, Z., Payne, B.H., Shen, J.H., Hong, C.J., Dubey, A., Felbo, B., Groh, M., **Obradovich, N.**, Cebrian, M., and Rahwan, I. (2018). *TuringBox: An experimental platform for the evaluation of AI systems*. *International Joint Conference on Artificial Intelligence (IJCAI)*. Demo Track. Awarded Best Video. [The Economist](#).
11. Baylis, P.\*, **Obradovich, N.\***, Kryvasheyev, Y., Chen, H., Coviello, L., Moro, E., Cebrian, M., and Fowler, J.H. (2018). *Weather impacts expressed sentiment*. *PLOS ONE*. (\* denotes equal contribution).  
[The Guardian](#) | [MIT Tech Review](#) | [Newsweek](#) | [PLOS](#) | [Quartz](#) | [Smithsonian](#) | [US News](#)
10. Frank, M., **Obradovich, N.**, Sun, L., Woon, W.L., LeVeck, B., Rahwan, I. (2018). *Detecting reciprocity at a global scale*. *Science Advances*.
9. Telfer, S., **Obradovich, N.** (2017). *Local weather is associated with rates of online searches for musculoskeletal pain symptoms*. *PLOS ONE*.  
[Huffington Post](#) | [National Geographic](#) | [NBC News](#) | [The Weather Channel](#)
8. **Obradovich, N.**, Migliorini, R., Mednick, S.C., and Fowler, J.H. (2017). *Nighttime temperature and human sleep loss in a changing climate*. *Science Advances*.  
[AAAS](#) | [Bloomberg](#) | [Harvard](#) | [LA Times](#) | [NYT](#) | [Science](#) | [The Atlantic](#) | [USA Today](#) | [WaPo](#)
7. **Obradovich, N.** and Fowler, J.H. (2017). *Climate change may alter human physical activity patterns*. *Nature Human Behaviour*.  
[ABC News](#) | [Associated Press](#) | [Live Science](#) | [NBC](#) | [Popular Science](#) | [Science](#) | [STAT](#) | [WBUR](#)
6. **Obradovich, N.** (2017). *Climate change may speed democratic turnover*. *Climatic Change*.  
[ClimateWire](#) | [Reuters](#) | [Springer](#)

5. **Obradovich, N.** and Zimmerman, B. (2016). African voters indicate lack of support for climate change policies. *Environmental Science & Policy*.
4. Leas, E.C., Althouse, B.M., Dredze, M., **Obradovich, N.**, Fowler, J.H., Noar, S.M., Allem, J., and Ayers, J.W. (2016). Big data sensors of organic advocacy: The case of Leonardo DiCaprio and climate change. *PLOS ONE*.  
Bloomberg | Forbes | Huffington Post | NY Magazine | Slate | Time | Washington Post
3. **Obradovich, N.** and Guenther, S.M. (2016). Collective responsibility amplifies mitigation behaviors. *Climatic Change*.  
Christian Science Monitor | Grist | Huff Post | NBC | Pacific Std. | Think Progress | VICE
2. Chacko, G., Evans, C.L., and **Obradovich, N.** (2016). Electoral systems and agricultural critical goods. *Journal of Business and Policy Research*.
1. Kryvasheyev, Y., Chen, H., **Obradovich, N.**, Moro, E., Van Hentenryck, P., Fowler, J.H., and Cebrian, M. (2016). Rapid assessment of disaster damage using social media activity. *Science Advances*.  
BI | EL PAÍS | Grist | Science | Smithsonian | The Verge | Wall Street Journal | WaPo

## Preprints

4. Baylis, P., Bharadwaj, P., Mullins, J., **Obradovich, N.** (2024). Climate and migration in the United States. (manuscript).
3. Epstein, Z., Epstein, M., Almenar, C., Groh, M., Pescetelli, N., Moro, E., **Obradovich, N.**, Cebrian, M., and Rahwan, I. (2020). Towards a new social laboratory: An experimental study of search through community participation at Burning Man. (arXiv). Awarded Best Poster, IC2S2.
2. Epstein, Z., Payne, B.H., Shen, J.H., Dubey, A., Felbo, B., Groh, M., **Obradovich, N.**, Cebrian, M., and Rahwan, I. (2018). Closing the AI knowledge gap. (arXiv).
1. Enenkel, M., Saenz, S.M., Dookie, D.S., Braman, L., **Obradovich, N.**, and Kryvasheyev, Y. (2018). Social media data analysis and feedback for advanced disaster risk management. (arXiv).

## Writings

- 2020 Will American cities have a Wuhan experience? Only if they are lucky. *The Guardian*.
- 2019 The data are in. Frogs don't boil. But we might. *Washington Post*.
- 2019 Beware corporate 'machinewashing' of AI. *Boston Globe*.
- 2017 Why the wiring of our brains makes it hard to stop climate change. *Los Angeles Times*.

## Projects

DeepAngel, Machine Behavior, Nightmare Machine, TuringBox, U.S. Voting Wait Times

## Invited Talks

- 2022 Hackathon for Climate Change. OpenAI. (keynote)
- 2022 Sanford School of Public Policy. Duke University.
- 2021 School of Computing and Information. University of Pittsburgh.
- 2020 Center for Culture and Evolution. Brunel University London.
- 2020 T.H. Chan School of Public Health. Harvard University.
- 2020 Mailman School of Public Health. Columbia University.
- 2020 Data Science in Climate Impact Research. ETH Zurich. (keynote)
- 2020 Potsdam Institute for Climate Impact Research.

- 2019 United States Naval Research Laboratory.
- 2019 Center for International Development. Harvard Kennedy School.
- 2019 The Society for Affective Science Annual Conference.
- 2018 Department of Psychology and Brain Sciences. UMass Amherst.
- 2018 Information Sciences Institute. University of Southern California.
- 2018 Information Sciences Institute. University of Southern California.
- 2018 The Society for Affective Science Annual Conference.
- 2018 Center for Complex Network Research. Northeastern University.
- 2017 International Relations Faculty Colloquium. Princeton University.
- 2016 Human Dynamics Group. MIT Media Lab.
- 2016 Real Colegio Complutense. Harvard University.
- 2016 Center for Marine Biodiversity and Conservation. SIO. UC San Diego.

## Honors

- 2019 *Best Environmental Epidemiology Paper of 2018*, ISEE
- 2015-2016 *Frontiers of Innovation Fellowship*, University of California San Diego
- 2012-2013 *Global Change Fellowship*, Scripps Institution of Oceanography
- 2010-2015 *Graduate Research Fellowship*, National Science Foundation
- 2010-2015 *Gramercy Fellowship in Emerging Markets*, University of California San Diego
- 2009 *Nobili Medal* for most outstanding overall male graduate, Santa Clara University
- 2009 *Hazel Award* for most outstanding in Economics, Santa Clara University
- 2009 *Phi Beta Kappa Honor Society* inductee
- 2008-2009 *Hackworth Fellowship*, Santa Clara University
- 2007 *Visiting Student Prize*, top academic performance, Oxford University
- 2007-2008 *Honors Program Oxford Fellowship*, Santa Clara University
- 2005-2009 *Honors Program Academic Scholarship*, Santa Clara University
- 2005-2009 *Dean's Academic Scholarship*, Santa Clara University
- 2005-2009 *Peace and Justice Fellowship*, Santa Clara University

## Grants

- 2024-2025 *Large-Scale Climate Sleep Impact Sensing with AI Baby Monitors (Co-I)*  
American Academy of Sleep Medicine Foundation
- 2023-2024 *Researcher Access Program (Co-PI)*  
OpenAI
- 2023 *Global Tracker of Climate Change and Mental Health (Advisor)*  
MIT Global Seed Fund
- 2020 *Climate Change Impacts Analyses: Climate and Mental Health (Senior Advisor)*  
U.S. Environmental Protection Agency
- 2014 *Rural and Latino Americans and Climate Change (Co-PI)*  
Skoll Global Threats Fund
- 2014 *Dissertation Improvement Grant: Climate Change and African Elections (PI)*  
National Science Foundation
- 2014 *Levin Family Seed Grant: Climate Change and Corruption (Co-PI)*  
Center for Effective Global Action, University of California Berkeley

- 2014 *Sanford Lakoff Grant: Climate Change and Elections (Co-PI)*  
Department of Political Science, University of California San Diego
- 2013 *XSEDE Computational Research Grant (PI)*  
National Science Foundation
- 2013 *UNFCCC COP Travel and Outreach Grant (Co-PI)*  
Center for Marine Biodiversity and Conservation, Scripps Institution of Oceanography
- 2013 *Climate Change Research Challenge Grant (PI)*  
Center for Effective Global Action, University of California Berkeley
- 2013 *Dean's Travel Grant for Research Travel to Baja, Mexico (PI)*  
Division of Social Sciences, University of California San Diego
- 2013 *Rural Mexican Voter Response to Environmental Shocks (PI)*  
Center for Marine Biodiversity and Conservation, Scripps Institution of Oceanography
- 2012 *Rural Ghanaian Political Behavior (Co-PI)*  
Small-scale Artisanal Fisheries Research Network, Scripps Institution of Oceanography

## Outreach

- 2024 Technical Contributor, *WHO Research Agenda for Action on Climate and Health*.
- 2024 Expert Working Group, *Connecting Climate Minds*.
- 2022-2024 Environmental Policy Mentor, *UCSD Political Science Graduate Student Mentors Program*.
- 2022 Advisor and Judge, *OpenAI Hackathon for Climate Change*.
- 2022 Contributing Author to AR 6. *U.N. Intergovernmental Panel on Climate Change*.
- 2021-2022 Working Group Member, *Lancet Countdown US Policy Brief*.
- 2021 Guest Lecturer and Advisor, *On Deck Climate Tech*.
- 2021 *Featured Scientist, Twitter Developer Platform*.
- 2019 *Discussions on Machine Behavior. Machine Behavior: Season I*.
- 2019 *The unexpected side effects of climate change. Future of Life Podcast*.
- 2014-2017 Advisory Council Member, Climate Lab, Skoll Global Threats Fund
- 2017 *How will human beings adapt to a changing climate? MIT ClimateX Podcast*.
- 2015 Graduate Student Delegate for UC San Diego, Graduate Research Day
- 2014 International Electoral Observer, Malawian Presidential and Parliamentary Elections
- 2013 University of California Delegate to the UNFCCC in Warsaw, Poland
- 2011 International Electoral Observer, Ugandan Presidential and Parliamentary Elections

## Proceedings

- 2024 Arevian, A., Feusner, J., Hanss, K., Khalsa, S., **Obradovich, N.**, Sarma, K., Stade, EC. "Innovations in Digital Mental Health: From AI-Driven Therapy to App-Enhanced Interventions." Technology in Psychiatry Summit. Session co-chair.
- 2024 Minor, K., **Obradovich, N.** "Adverse weather amplifies social media activity and worsens online sentiment: Evidence from over 10 billion social media posts." International Society for Environmental Epidemiology.
- 2023 Ajilore, O., Khalsa, S., Khan, W., **Obradovich, N.**, Paulus, M., Perlis, R., Suh, J. "Artificial intelligence (AI) language models and psychiatry: Opportunities and perils." Technology in Psychiatry Summit. Session co-chair.
- 2023 Minor, K., Moro, E., **Obradovich, N.** "Adverse weather amplifies social media activity." IC2S2.

- 2022 Minor, K., **Obradovich, N.** "Planetary monitoring and attribution of expressed emotional responses to heatwaves and extreme precipitation." AGU. [The Verge](#). [Engadget](#).
- 2022 **Obradovich, N.\***, Özack, Ö.\*, Martín, I.\*, Ortuño-Ortín, I., Awad, E., Cebrian, M., Cuevas, R., Desmet, K., Rahwan, I., Cuevas, Á. "Expanding the measurement of culture with a sample of two billion humans." (NBER). (\* denotes equal contribution). ASSA Annual Meeting of the American Economic Association.
- 2021 Minor, K., Bjerre-Nielsen, A., Jonasdottir, S., Lehmann, S., **Obradovich, N.** "Ambient warming and human sleep duration and timing: a worldwide case-crossover study using big data from wearable devices" International Society for Environmental Epidemiology.
- 2021 Avraam, D., **Obradovich, N.**, Pescetelli, N., Cebrian, M., and Rutherford, A. "The network limits of infectious disease control via occupation-based targeting" Complex Networks in Economics and Innovation.
- 2021 Minor, K., Bjerre-Nielsen, A., Jonasdottir, S., Lehmann, S., **Obradovich, N.** "Ambient heat and human sleep: a global natural experiment" European Association of Environmental and Resource Economists.
- 2020 Minor, K., **Obradovich, N.**, Alessandretti, L., Sekara, V., Lehmann, S. and Garcia-Herranz, M. "Weather and quarantine behavioral dynamics: A global analysis using human mobility data" Conference on Complex Systems.
- 2020 Martín-Corral, D., **Obradovich, N.**, Moro, E. "Nowcasting country-wide headache symptoms from social media traces and air quality" International Conference on Complex Networks and their Applications.
- 2019 Groh, M., Epstein, Z., Feng, J., **Obradovich, N.**, Cebrian, M., and Rahwan, I. "Deep Angel: Shadows sans substance" [Ars Electronica Festival](#).
- 2019 Mackey, T., Cai, M., Chen, W.H., Shah, N., **Obradovich, N.**, and Li, J. "Using natural language processing and machine learning to investigate the 2015 Indiana HIV outbreak using Twitter" APHA.
- 2018 Moore, F.C., **Obradovich, N.**, and Lehner, F. "Defining extreme temperatures using social remarkability" AGU.
- 2018 Moore, F.C., **Obradovich, N.**, and Lehner, F. "Rapidly-adjusting perceptions of temperature in a changing climate" NBER Summer Institute.
- 2018 Sekara, V., Lee, J., Luengo, M., **Obradovich, N.**, Garcia-Herranz, M., and Moro, E. "Predicting socioeconomic indicators for multiple countries from social media data" IC2S2.
- 2018 Frank, M., **Obradovich, N.**, Sun, L., Leveck, B., and Rahwan, I. "Detecting reciprocity at a global scale" IC2S2.
- 2018 Epstein, Z., Payne, B.H., Shen, J.H., Hong, C.J., Felbo, B., Dubey, A., Groh, M., **Obradovich, N.**, Cebrian, M., and Rahwan, I. "TuringBox: An experimental platform for the evaluation of AI systems" FAT/ML.
- 2018 Ash, K. and **Obradovich, N.** "Climatic stress and dissent in competitive authoritarian regimes" ISA.
- 2018 Rubenson, D., Dawes, C., and **Obradovich, N.** "Marathon performance and political participation" MPSA.
- 2017 **Obradovich, N.**, Felbo, B., Yanardag, P., Borsa, A., Burney, J.A., Jones, J.J., and Rahwan, I. "The effects of climatic events on expressed climate change belief" APSA.
- 2017 Guenther, S. and **Obradovich, N.** "Experimental induction of interpersonal trust demobilizes political efforts" APSA.



- 2017 Ash, K. and **Obradovich, N.** "Climatic stress, internal migration, and Syrian civil war onset" APSA.
- 2017 Abeliuk, A., Fernández, A., **Obradovich, N.**, and Rahwan, I. "Modeling the evolution of political ideologies" IC2S2.
- 2017 Kim, R., Felbo, B., **Obradovich, N.**, and Rahwan, I. "Quantifying structural factors affecting racial tensions during 2016 US presidential election" IC2S2.
- 2017 Ash, K. and **Obradovich, N.** "Climatic stress, internal migration, and Syrian civil war onset" ISA.
- 2016 "Empirical estimation of climate adaptation in human-environmental systems" AGU. Session chair.
- 2016 **Obradovich, N.** "Climate change may speed democratic turnover" WPSA.

## Service

Reviewer Association for the Advancement of Artificial Intelligence; Climatic Change; Clinical Psychological Science; Current Psychology; Developmental Cognitive Neuroscience; Ecological Economics; Emotion; Energy Economics; Environmental Health Perspectives; Environmental Research Letters; Environmental Science & Policy; Frontiers in Big Data; Frontiers in Earth Science; Frontiers in Psychology; Frontiers in Public Health; Frontiers in Robotics and AI; IEEE Intelligent Systems; International Conference on Computational Social Science; International Journal of Biometeorology; JAMA Psychiatry; Journal of the Association of Environmental and Resource Economists; Journal of Anxiety Disorders; Journal of Conflict Resolution; Journal of Health Economics; Journal of Politics; National Science Foundation; Nature Cities; Nature Climate Change; Nature Communications; Nature Computational Science; Nature Human Behaviour; Nature Machine Intelligence; Nature Sustainability; One Earth; Philosophical Transactions A; PLOS ONE; Proceedings of the National Academy of Sciences; Risk Analysis; Scientific Reports; Science Advances; Science of the Total Environment; Sleep; Sleep Medicine Reviews; Sports Medicine; Weather, Climate, and Society; The Lancet Planetary Health; The Lancet Public Health

## Scientific Fieldwork

Uganda, Ghana, Mexico, Malawi, South Africa