

# 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.\***, Kryvasheyeu, 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. Kryvasheyeu, 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

5. Xu, B., **Obradovich, N.**, Zheng, W., Loughnan, R., Shao, L., Misaki, M., Thompson, W.K., Paulus, M., Fan, C. (2025). Encoding of pretrained large language models mirrors the genetic architectures of human psychological traits. ([medRxiv](#)).
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 Kryvasheyeu, 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

2025 *National Frontiers Planet Prize*, Frontiers Research Foundation  
 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., Stadel, 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.\***, Özacak, 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