Addison Hu

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Education

Aug 2018 –
Dec 2023
Carnegie Mellon University, *Pittsburgh, PA.*
- PhD, Statistics & Machine Learning

Aug 2013 –
May 2017
Yale University, *New Haven, CT.*
- BSc, Statistics; Distinction in Major; magna cum laude (GPA: 3.9)

Papers, published

2024 **Addison J Hu, Mikael Kuusela, Ann B Lee, Donata Giglio, and Kimberly M Wood**, *Spatio-temporal methods for estimating subsurface ocean thermal response to tropical cyclones*, Advances in Statistical Climatology, Meteorology and Oceanography (to appear).

2021 **Daniel J McDonald, Jacob Bien, Alden Green, Addison J Hu, [nine more authors]**, *Can auxiliary indicators improve COVID-19 forecasting and hotspot prediction?*, Proceedings of the National Academy of Sciences.

Alex Reinhart, et al, *An open repository of real-time COVID-19 indicators*, Proceedings of the National Academy of Sciences.

Estee Y Cramer, et al, *Evaluation of individual and ensemble probabilistic forecasts of COVID-19 mortality in the US*, Proceedings of the National Academy of Sciences.

2017 **Addison J Hu and Sahand N Negahban**, *Minimax estimation of bandable precision matrices*, Advances in Neural Information Processing Systems.

Papers, submitted

2022 **Addison J Hu, Alden Green, and Ryan J Tibshirani**, *The Voronoigram: Minimax estimation of bounded variation functions from scattered data*.

2021 **Veeranjaneyulu Sadhanala, Yu-Xiang Wang, Addison J Hu, and Ryan J Tibshirani**, *Multivariate trend filtering for lattice data*.

Papers, in preparation

2024+ **Addison J Hu, Alden Green, and Ryan J Tibshirani**, *The Delaunaygram: Minimax estimation of bounded gradient variation functions from scattered data*.

Posters

2017 **Addison J Hu and Sahand N Negahban**, *Minimax estimation of bandable precision matrices*, Advances in Neural Information Processing Systems.

Awards

2020–2023 **NSF Graduate Research Fellowship Program**.