

Matthew Parno



Graduate Institution: Massachusetts Institute of Technology (MIT)

Location: Cambridge, MA

Graduate Discipline: Computational Engineering

Hometown: Saratoga Springs, NY

Research Interests:

My current research is involved with large-scale and multiscale Bayesian inference with applications to hydrology. However, I am also interested in sequential Bayesian experimental design, glacier modeling, and signal processing.

About me:

In the past I have been involved with student chapters of SIAM and Tau Beta Pi. During undergrad I was also very active in academic outreach programs in upstate New York including Mathcounts and IMPETUS and while my research has pushed these activities to the back burner I plan to become active again in the future. I have had a couple internships with Sandia National Labs working on groundwater modeling and an REU position at Colorado State University working on real time inverse problem in radar systems.

In addition to my academic career, I am currently working on a project to adapt a handicap van for a young woman born with Poly Phocomelia whose goal in life is to live on her own as a Law Guardian for children. I'm using my electrical engineering background to help with control systems that will allow her to drive the van with one foot. Before venturing into academics I was a river guide in Colorado and upstate New York and I still try to do as much whitewater kayaking and backcountry skiing as my research will allow.



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