



- **Organization:** Gemedey, Inc.
- **Lead Investigator:** Dr. Alex Wissner-Gross
- **Current Team Members:**
  - Alex Wissner-Gross (Gemedey, Harvard, MIT)
  - Tim Sullivan (Gemedey)
  - Ed Boyden (MIT)



- **Research areas of interest:**
  - Physics of machine learning
  - Computational neuroscience
  - Information theory
  - Optimal control theory
  - Causality and computation
  - Quantitative ethology
  - Neural imaging and control
  - Optogenetics



- **Unique qualifications and capabilities:**
  - Team of PhDs strong in artificial intelligence, physics, mathematics, computer science, computational neuroscience, and imaging
  - Leading expertise in information-theoretically optimal algorithmic approaches to neural information processing and control
  - Leading expertise in high-throughput brain mapping and optogenetics



- **Specific capabilities sought:**
  - Experimental team members with track record of neural circuit data collection (TA2), but we welcome other collaboration opportunities as well!



# Contact Information

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