



- HealthMap (Children's Hospital Boston | Harvard Medical School)
- John Brownstein, PhD
- Our group
  - Public health informaticians, epidemiologists, clinicians, computer scientists and software developers
- Clark Freifeld, David Scales MD PhD, Rumi Chunara PhD, Amy Sonricker MPH, Sumiko Mekarua DVM, Leila Amerling, Anne Hoen PhD, Annie Li DVM, Katia Charland PhD, Susan Aman MS, Kate O'Brien MS, Emily Chan MS + 10 MPH level analysts



## Our research

- World leaders in research on digital disease detection, epidemic intelligence gathering and public health informatics
- Pioneered work in social media and surveillance
- First group to detect the H1N1 pandemic
- First group to develop data collection and dissemination app via iPhone and Android
- Developed national flu surveillance tool using open source (Flu.gov)
- Utilization of open source technology in disaster settings (Gulf spill, Haiti cholera outbreak)
- Collaboration with Google (including co-development of Dengue Trends)
- Major focus in animal/zoonotic disease surveillance
- Research collaborations with CDC, USAID, WHO, HHS, WHO, ECDC...
- First research collaborative agreement with FDA (Medwatcher)



## HealthMap

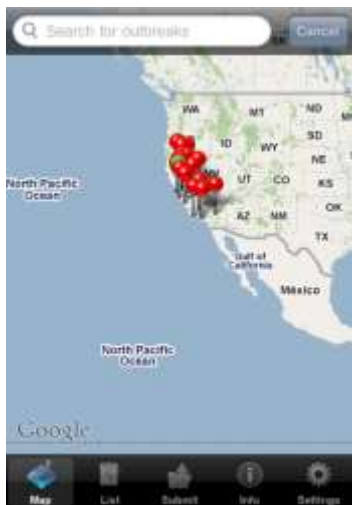
### Our design philosophy

- Rapid prototype development
- Agile/iterative design
- Implement fully operational software

### Examples of tools currently in use by millions

- HealthMap
- Outbreaks Near Me
- OutbreakMD
- MedWatcher

- Freely available, fully automated system (24/7)
- Integrates outbreak data from 'official' and 'unofficial' sources
- NLP/Bayesian Filter/De-duplication
- Aggregates data by disease & location
- Displays alerts from over 50k sources in 9 languages
- Million users a year



- Seeking commercial organizations that may see value in our data for their intelligence gathering tools
- Provide a mechanism to disseminate our data, and our data mining/nlp platform
- Advance the research agenda in the field of epidemic intelligence gathering

# Contact Information

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