



Informatics Research & Development Activity

We enable CDC to provide:

The Applied Public Health Informatics Research Cloud:
A powerful and secure sandbox for experimentation.

Prototyping & Consultation Services:
Enabling rapid understanding of new technologies.

Evaluation & Communication Services:
Allowing the Public Health Community to leverage knowledge gained.

Our Team:

Tom Savel, MD - Director

Brian Lee - Acting Deputy Director

Dale LaValley - Lead Engineer

Greg Ledbetter - Lead - Software Development

Sara Brown - Lead - User Experience / Design

The screenshot shows the homepage of the Informatics R&D Laboratory. The header includes the logo and navigation links for 'Home', 'Projects', 'News', 'Publications', 'Tags', 'Resources', and 'FAQs: Our Team & the Lab'. Below the header, there are several sections: 'Projects' (Prototypes, Structured Evaluations, Brief Reviews), 'News' (2011 iFund Challenge Funding Recipient), 'Publications' (A Public Health Grid (PHGrid): Architecture and Value Proposition for 21st Century Public Health Grid Computing), 'Tags' (data, Health, health platform, Project, Public Health Information, Public, public), and 'FAQs: Our Team & the Lab'. A footer at the bottom provides information about the initiative being supported by the Office of Surveillance, Epidemiology and Laboratory Services Centers for Disease Control and Prevention, and the Department of Health and Human Services.

phiresearchlab.org

The collage of screenshots displays several CDC informatics tools and mobile applications. At the top is a bubble chart titled 'PHTweet' showing counts for various symptoms: Headache (6,323), Flu (5,507), Cough (2,694), Chills (3,431), Nausea (4,507), Fever (4,306), Bleeding (4,988), Pain (7,251), Diarrhea (4,093), and Weak (1,415). Below this are other interfaces: 'CDC's Critical Information' dashboard, 'CDC Communications Dashboard' showing event types like Earthquakes, 'PTT Advisor' mobile app, and a 'Central Line Insertion Practices Adherence Monitoring' mobile form.

* Since 2011, CDC scientists across 22 programs have used the lab's resources in 44 unique projects to build, evaluate, and train on new public health tools and technologies.