

Alliance Discussion

featuring
Dylan George, PhD

Today's Guest



Dylan George, PhD

Director of Operations for the Center for Forecasting and Outbreak Analytics (CFA), U.S. Centers for Disease Control and Prevention



Centers for Disease Control and Prevention



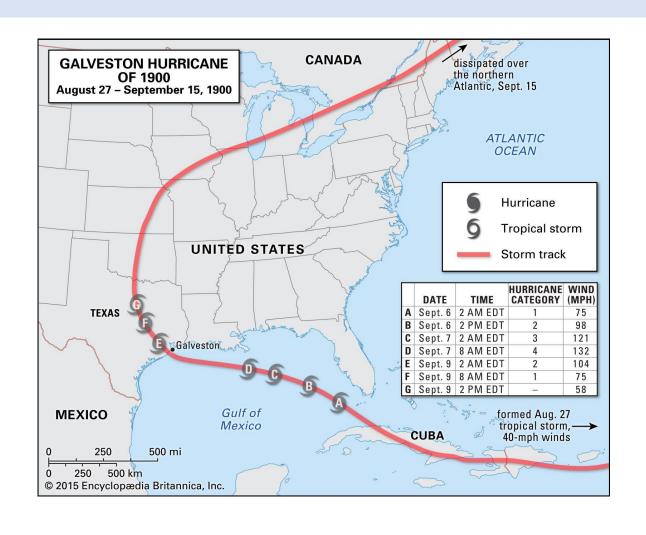
Center for Forecasting & Outbreak Analytics (CFA)

Better Data, Better Analytics, Better Response

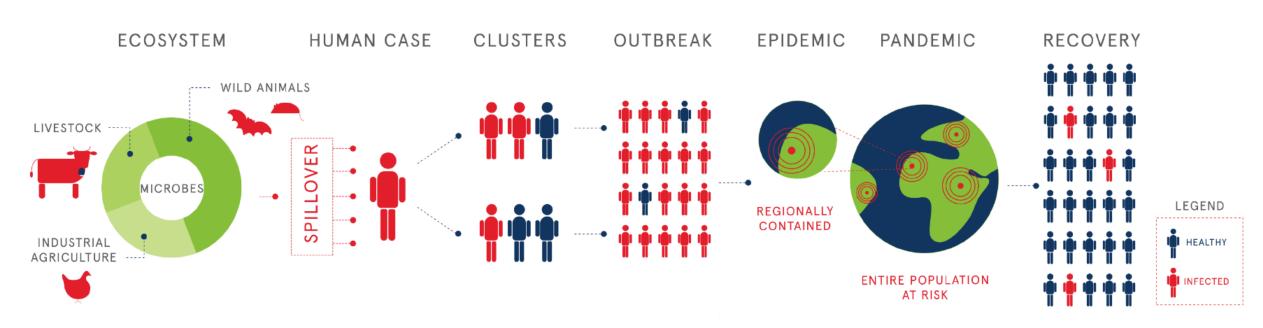


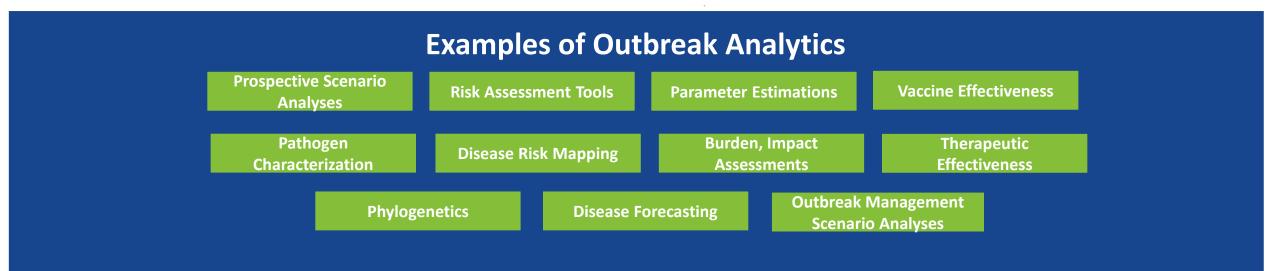
Early Warning Saves Lives

Galveston Hurricane



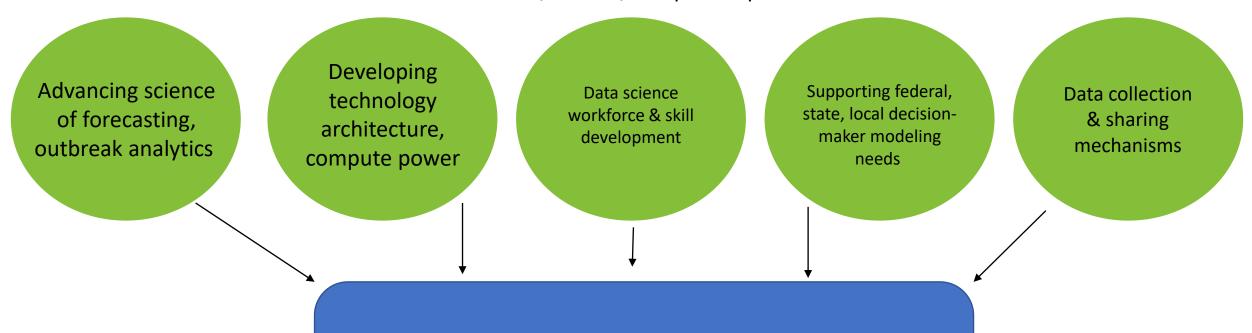
Analytics Inform Response Efforts Across an Epidemic





Partnerships to advance disease forecasting

CFA has awarded more than \$52 million to academic, federal, and private partners to advance:



Real-time, USG disease forecasting capability to support decision-making needs at the federal, state, and local levels

Guiding Principles for CFA Design

1

Mission Impact

CFA will focus on saving lives and protecting people through outbreak data, forecasts and analytics.

2

Open and transparent

CFA will make data, analyses, and scientific methods open to the public in human and machine-readable formats as much as possible.

4

Equity focused

CFA will support efforts to achieve health equity by using data to identify and track health disparities in outbreaks and inform policies to address those disparities.

Collaborative

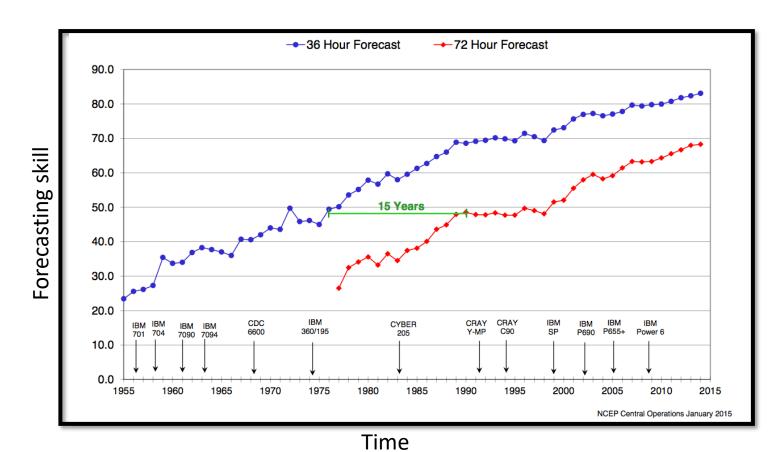
CFA will work with partners, including in the public sector, private sector, academia, and civil society to coordinate efforts and maximize impact.

3

Developing Outbreak Analytics & Forecasting Takes Time, Resources

Advancing Weather Forecasting: took time, data, models, and resources to develop

Increases in numerical weather forecasting skill through time



- Advancing weather forecasting capabilities took decades
- Needed ingredients:
 - o Data
 - Models
 - People
 - Computational Power
 - Specific Use Cases
 - Sustained Funding
- Diseases forecasting, analytics still in early stages

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Questions?

Learn more: cdc.gov/cfa

Get in touch: cfa@cdc.gov



Join us next time!

Wednesday, November 2, at 1:30 p.m. ET



Adam Felsenfeld, PhD
Program Director for the Division
of Genome Sciences,
NHGRI

