

# Nicholas Reich

**Professor of Biostatistics / Director of COVID-19 Forecast Hub / Director of Influenza Forecasting Center of Excellence at University of Massachusetts Amherst**

Amherst, MA, US

Nicholas Reich's research focuses on infectious disease modeling and optimizing design and analysis for cluster-randomized studies.

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## Biography

Nicholas Reich has been on the forefront of analyzing models that forecast infectious diseases, including COVID-19. His work has been featured in publications around the world, including the New York Times, Science magazine and Foreign Policy. Reich runs the UMass-based CDC Influenza Forecasting Center of Excellence, one of two in the nation. It has produced some of the world's most accurate models in recent years. In April 2020 he developed a COVID-19 forecasting hub that unified multiple models in an effort to produce a more accurate picture of the potential impacts of the novel coronavirus. These forecasts were used by the Centers for Disease Control and Prevention and helped inform the public health response to the pandemic.

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## Expertise

Infectious Disease Modelling, Flu forecasting, COVID-19 (Coronavirus), Biostatistics, Influenza Pandemics, COVID-19 (Coronavirus) forecast models, COVID-19 forecasting

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## Education

**Johns Hopkins Bloomberg School of Public Health**

Ph.D. Biostatistics

**Carleton College**

B.A. English

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