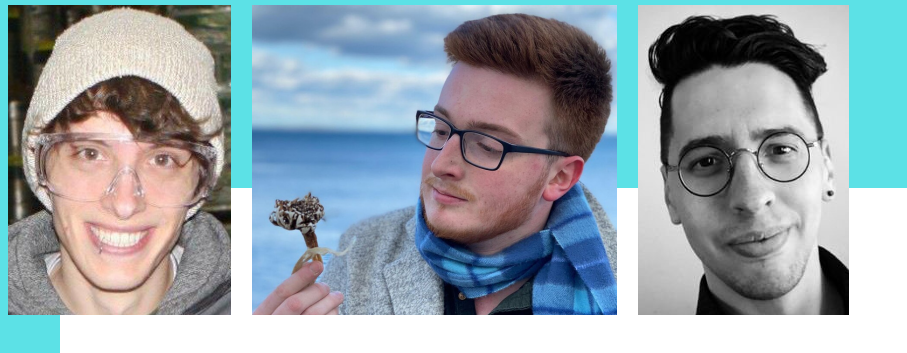# gideon

for researchers

PREDICTING THE FUTURE WITH GIDEON DATA

"We are limited by data that is both spatially resolved to country-level as well as temporally resolved. That is one of the biggest strengths of GIDEON, as a lot of the time we only have one or the other."

Tad A. Dallas, Assistant Professor at Louisiana State University

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Assistant Professor at Louisiana State University

Colin J. Carlson
Assistant Research Professor at Georgetown University

Timothée Poisot
Assistant Professor at Université de Montréal

Embarking on a project, the team initially found it difficult to locate the right data source.

"There isn't any cohesive narrative about where outbreaks happen. We used the GIDEON data because we thought it might be the most complete thing there is. I don't think we could model the data set we modeled without GIDEON data, for sure", said Colin J. Carlson.

Thankfully, the data available through GIDEON made the research and predictive modeling possible, and the study proved the model to be effective despite its simplicity.
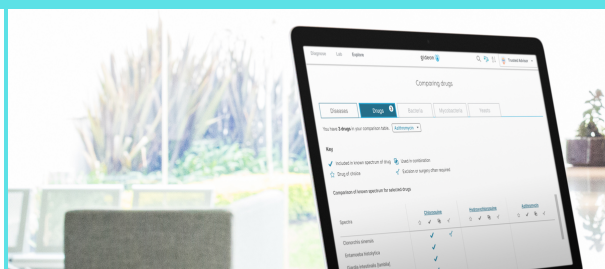
GIDEON has a dedicated geographical distribution dataset for each Infectious Disease, which defines the endemic countries and provides country-specific notes and an in-depth analysis of global distribution.

The team has produced a fantastic piece of work, challenging the status quo and trying to establish a new way of thinking.

This is also a brilliant example of the potential GIDEON data has for research and forward-thinking.

The unfunded research "**Testing predictability of disease outbreaks with a simple model of pathogen biography**" was published by The Royal Society in November 2019.

FIND THE DATA YOU NEED TO MAKE A DIFFERENCE IN TOMORROW'S WORLD!

GIDEON ADVANTAGE

- ✅ Coverage of 235 geographical areas, with 23,000+ country-specific notes

- ✅ Historical outbreaks of 360+ Infectious Diseases, dating back to 1348 AD

- ✅ In-depth phenotype information on 2000+ pathogens

- ✅ More than 80,000 prevalence and seroprevalence surveys

- ✅ 25,000+ outbreak records and 34,000+ graphs

- ✅ Updated every day by a team of highly regarded medical scientists

- ✅ API service for streamlined consumption of data