gideon®

Simulating Outbreaks In A Lab

> It's the best teaching tool ever for Microbiology students and I love it because it's all real-life data, always so current and so versatile. So much information!
>
> **Dr. Monika Oli**
> Senior Lecturer, University of Florida

Education is the lifeblood of the medical and health industries. But where do you turn when traditional teaching methods and resources are not preparing your students for the real world? Senior lecturer Dr. Monika Oli found GIDEON.

"Although most people teach Microbiology using dichotomy trees, this method is so artificial and doesn't have any real-world applications. I try and integrate what's in the real world into what I teach, and GIDEON's platform helps me do that beautifully. Students do so much better this way."

Dr. Oli teaches over 1,000 students each semester at the University of Florida's Microbiology labs and finds GIDEON data and functionality critical to exposing pre-med and pre-nursing students to real information and results, giving meaningful context to their studies.

"I was able to completely rework the curriculum to align with GIDEON capability, running projects on diagnostic testing, organism identification, and outbreak scenarios. It puts students in situations common out in the industry and they get to role play patients, doctors, CDC, and government officials to deepen their familiarity with the skills they'll need once they graduate."

Dr. Oli has been using GIDEON for eight years as an academic, and it has enabled the development of online-based learning and projects, which have proven invaluable during the COVID-19 pandemic.

"I've loved GIDEON from the beginning. I think it's an amazing tool and I love interacting with it, and with all our classes moving online it has meant that we can continue to use the same approach without limitation because of the way we have integrated GIDEON with our teaching and support systems. It's even available through our library! Everyone should know about it if you ask me!"

www.gideononline.com info@gideononline.com +1 (323) 934-0000 Los Angeles, CA, USA © GIDEON Informatics Inc

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University of Florida students use GIDEON to access diagnostic, identification, and research tools that help them achieve informed results with a fantastic level of accuracy.

With GIDEON, microbiology teachers can put theory into context by simulating realistic scenarios

Over 3,000 pathogens

GIDEON database contains in-depth phenotype information on **over 3,000 bacteria, mycobacteria, viruses, parasites, fungi, yeasts and algae.**

In-depth analysis of global disease spread

GIDEON's database contains 120,000+ prevalence and seroprevalence surveys, 26,000 country-specific notes, and provides information on **32,000+ historical outbreaks and cross-border events.**

Differential phenotype identification

GIDEON offers Bayesian analysis-based differential organism identification tools that are fun to use to help **generate a ranked pathogen probability list.**

Sophisticated graphs

GIDEON maintains over 58,000 graphs of incidence and death rates per year, with parallel graphs of rates per 100,000 population. Combine up to 6 graphs at a time to create unique epidemiological charts. **Get instant insights and greater context at a click of a button!**

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