gideon

for microbiology teachers

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 current and so versatile. So much information!"

Dr. Monika Oli, Senior Lecturer at the 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 to what I teach, and GIDEON's platform helps me do that beautifully. Students do so much better this way."

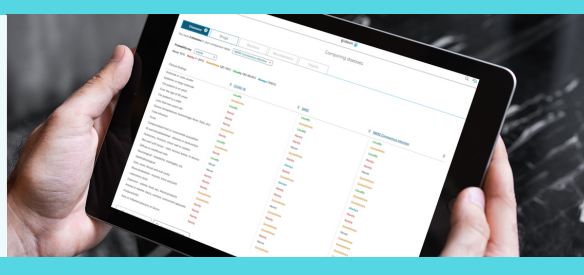
Dr. Oli teaches over 1,000 students each semester at the University of Florida's Microbiology labs and finds GIDEON data and functionality critical to exposing pre-med and pre-nursing students to real information and results, giving meaningful context to their studies.

"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!"

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

GIDEON ADVANTAGE

Over 2,000 pathogens
GIDEON database contains in-depth phenotype information on over 2,000 bacteria, mycobacteria, and yeasts.

Differential phenotype identification
GIDEON offers a Bayesian analysis-based differential organism identification facility to help Microbiology students generate a ranked pathogen probability list.

Millions of data points, covering 230+ geographical areas
GIDEON's geographical distribution data set lists over 360 Infectious Diseases, with over 23,000 country-specific notes and an in-depth analysis of global disease spread.

Updated every day by a team of experts
GIDEON is curated by a team of highly regarded medical scientists who are updating the database daily.