gideon®

Teaching Online Made Easy

> If you don't know about GIDEON you should definitely look into it.
>
> **Prof. Johnny El-Rady**
> Professor of Instruction
> University of South Florida

The COVID-19 pandemic has made digital education tools vital, accelerating digital transformation initiatives in many institutions and prompting others to adopt new and urgent strategies.

For medical schools, GIDEON has played an important role in making the transition to digital teaching easier through established online presence, ease of access, and relevant and powerful data, which has made a significant difference for educators like Dr. El-Rady at the University of South Florida (USF).

THE CHALLENGE

Teaching courses in microbiology and genetics, Dr. El-Rady has taught over 24,000 students since joining USF in 1997. COVID-19 presented him with the unprecedented challenge to deliver his courses completely online and at very short notice.

“I was given 2 weeks to prepare the syllabus for two courses I needed to run in the fall semester, one in Public Health and the other in Pathogenic Microbiology. GIDEON was the perfect tool to build activities and learning around, it made my job much easier!"

THE GIDEON SOLUTION

"For the Public Health class, I allowed students to explore GIDEON data and create their own projects, to be presented at the end of the semester. That was a brilliant success,” said Dr. El-Rady. The breadth of data available within GIDEON meant there was something for everyone, no matter what specialty they were interested in.

'We had students interested in pursuing a career in Public Health, those interested in Travel Medicine, and others in Dentistry – all were able to find something of interest to build their work around. Those interested in Dentistry found oral pathogens and oral microbiota and then did a presentation based on that. Others ‘adopted’ a country, to explore its outbreak history, relevant pathogens, and recommended vaccines. The tools for identifying a disease or microbe were also extremely popular and useful.'

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Dr. El-Rady at the University of South Florida used GIDEON to move his syllabus online when on-campus classes were stopped due to the COVID-19 pandemic. "The transition was very successful", he says.

GIDEON Advantages

Interactive maps

GIDEON renders interactive global maps of disease distribution and outbreaks - **there is one for every disease.**

Real-world context

GIDEON puts theory into practice with a vast epidemiological data set for 370+ Infectious Diseases, accompanied by over 120,000 prevalence surveys and 36,000+ outbreaks. Students can explore case numbers, deaths, specific populations, and disease vehicles.

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.**

Differential pathogen identification

GIDEON offers Bayesian analysis-based differential organism identification tools to help microbiology students **generate a ranked pathogen probability list.**

Over 3,000 pathogens

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

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