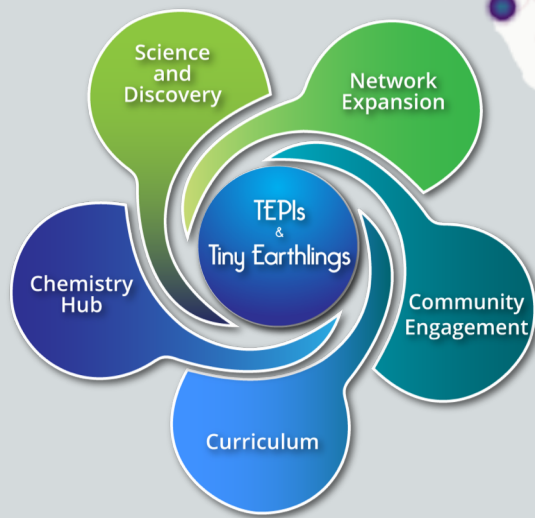
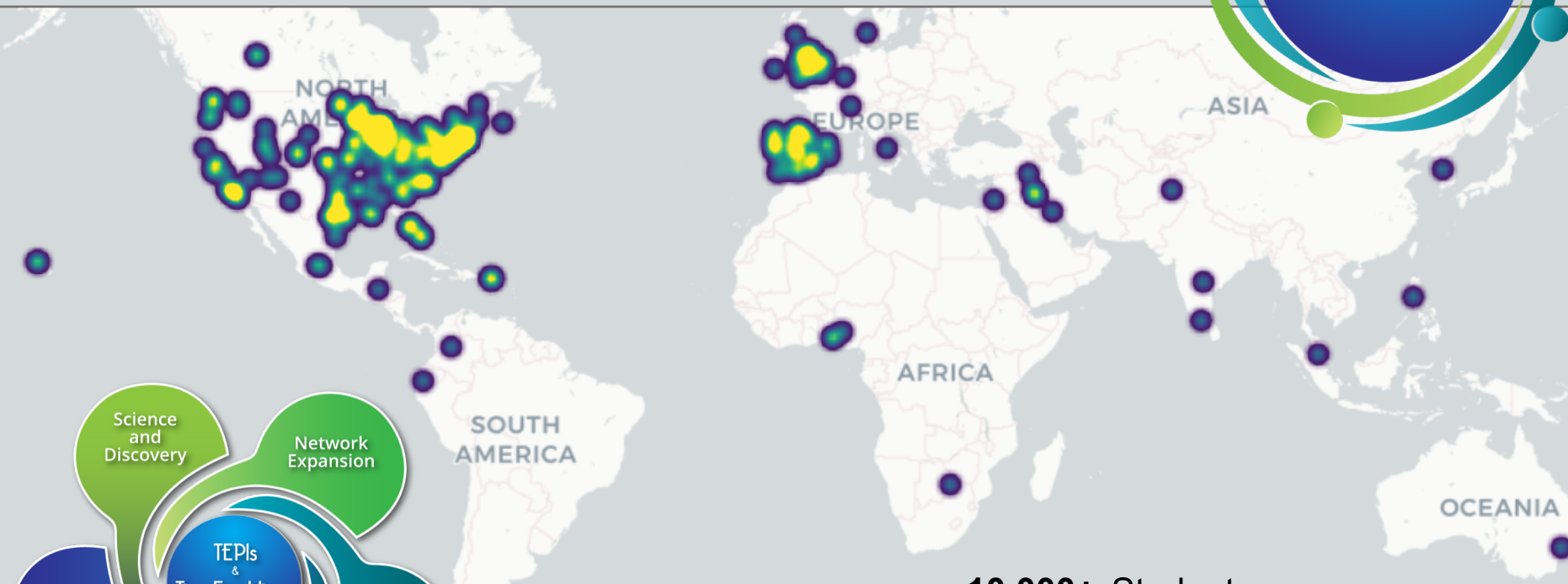


# Tiny Earth: A network of students and instructors focused on crowdsourcing antibiotic discovery from soil bacteria

We face a global health crisis caused by the dwindling arsenal of antibiotics. By 2050, antibiotic-resistant bacteria will be the leading cause of death worldwide. Industry has largely abandoned antibiotic discovery. Most antibiotics in clinical use come from soil bacteria.



Led by Professor Jo Handelsman at the University of Wisconsin-Madison, Tiny Earth engages a global student workforce to discover new antibiotics from soil bacteria and learn STEM research and workforce skills.

**10,000+** Students per year  
**7,653** Database records of isolates  
**2,392** Antibiotic-producing isolates  
**700+** Instructors  
**44** US states + DC + PR  
**23** Countries

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