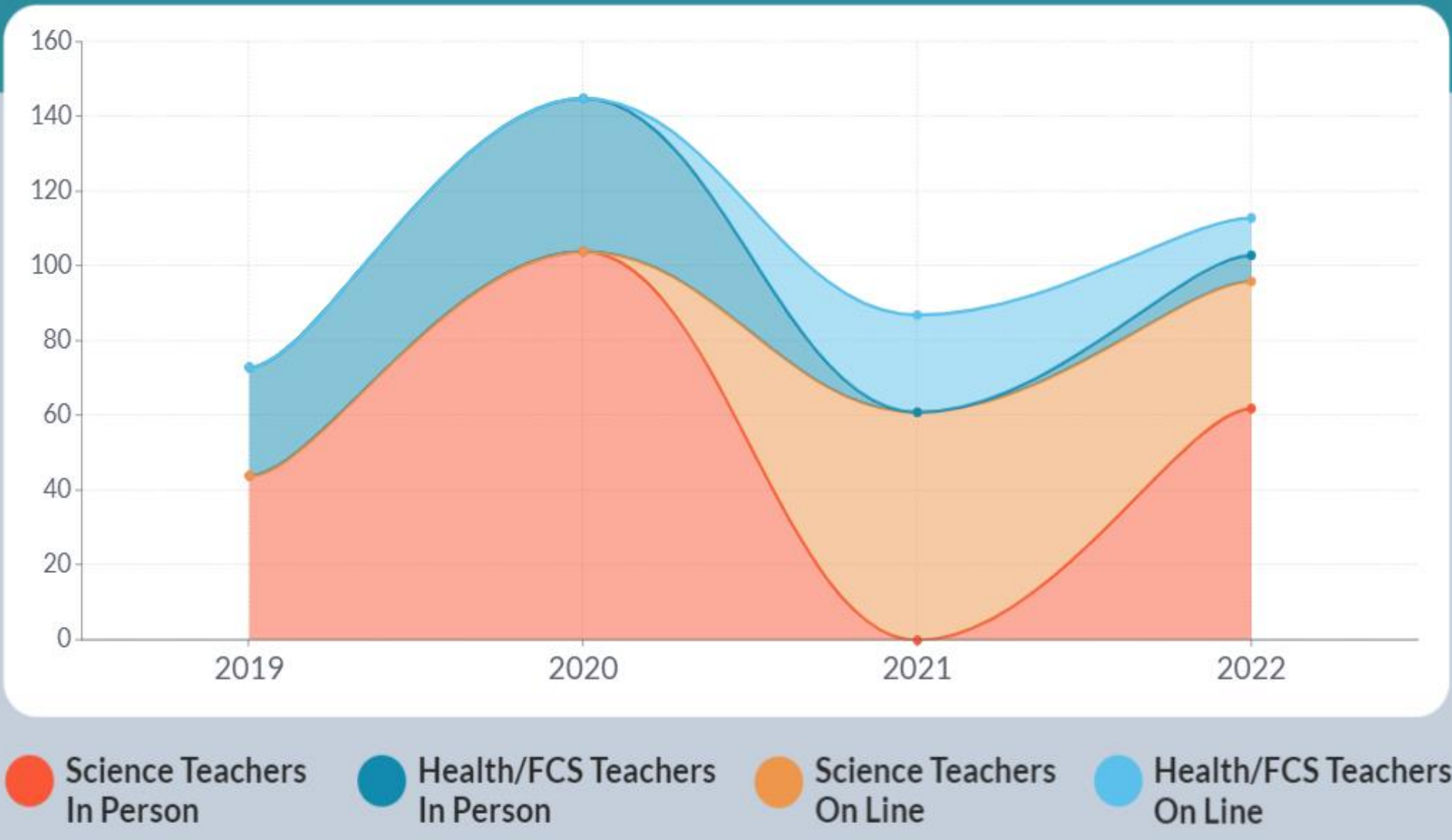


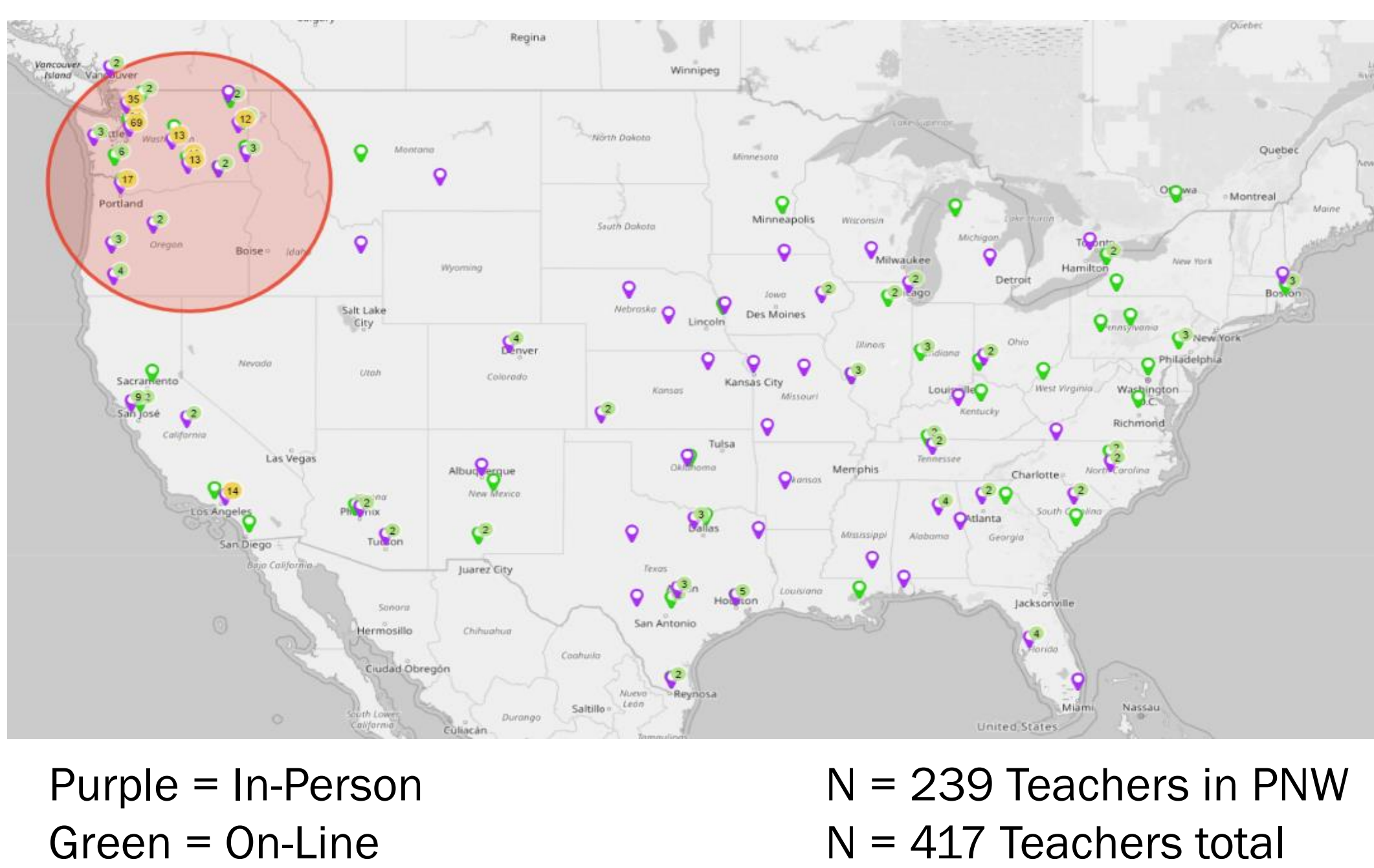
Genes, the Environment, and Me:  
A Health and STEM Network  
(GEMNet) uses Type 2 Diabetes  
as a model system

Teacher Networks

Source and Type of Teacher PD



Geographical Reach of Teacher PD



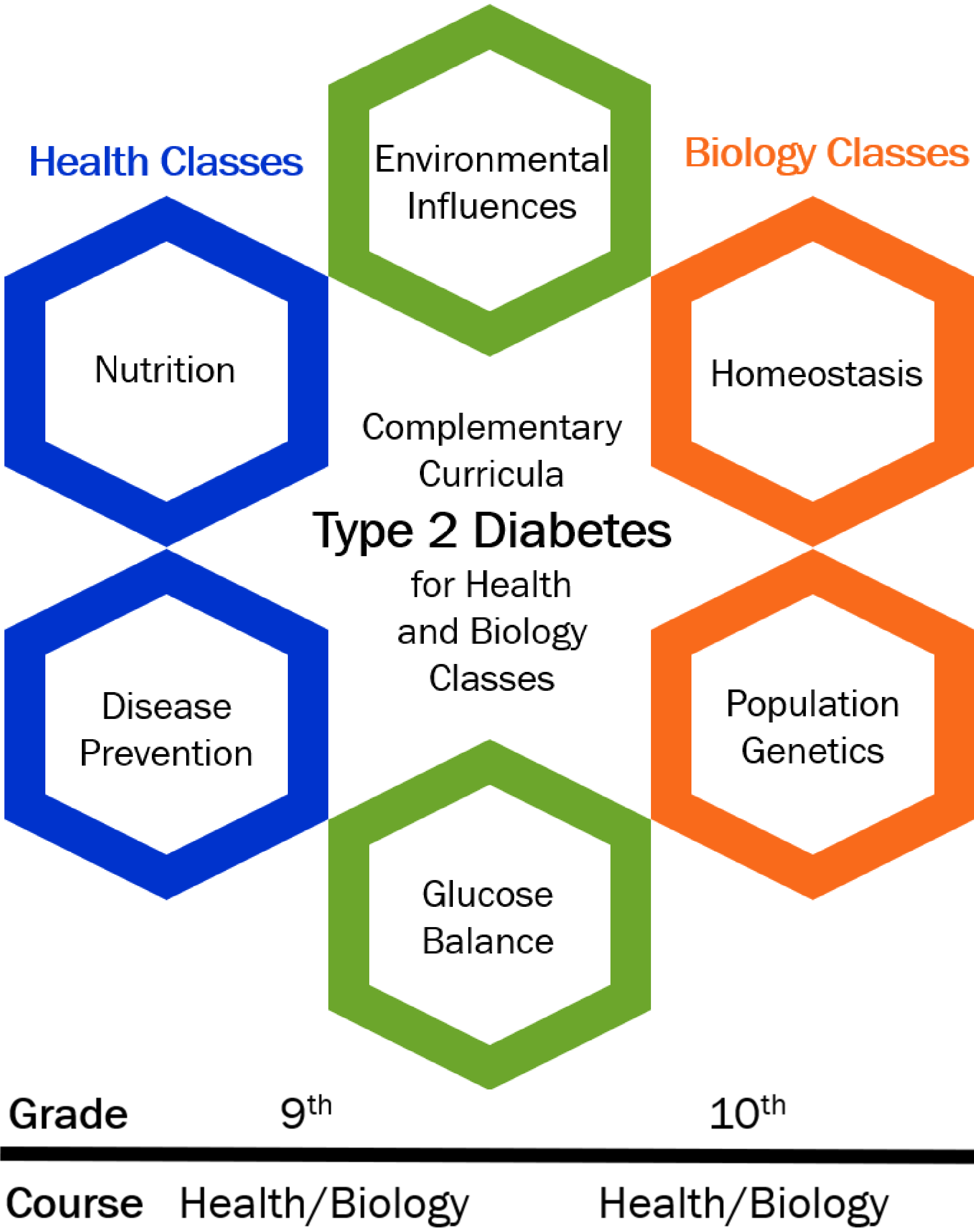
“ I love how we are using something that is relevant to students and important to teach science concepts. It's a win/win/win curriculum! -GEMNet Teacher ”

**SEPA** SCIENCE EDUCATION PARTNERSHIP AWARD  
Supported by the National Institutes of Health

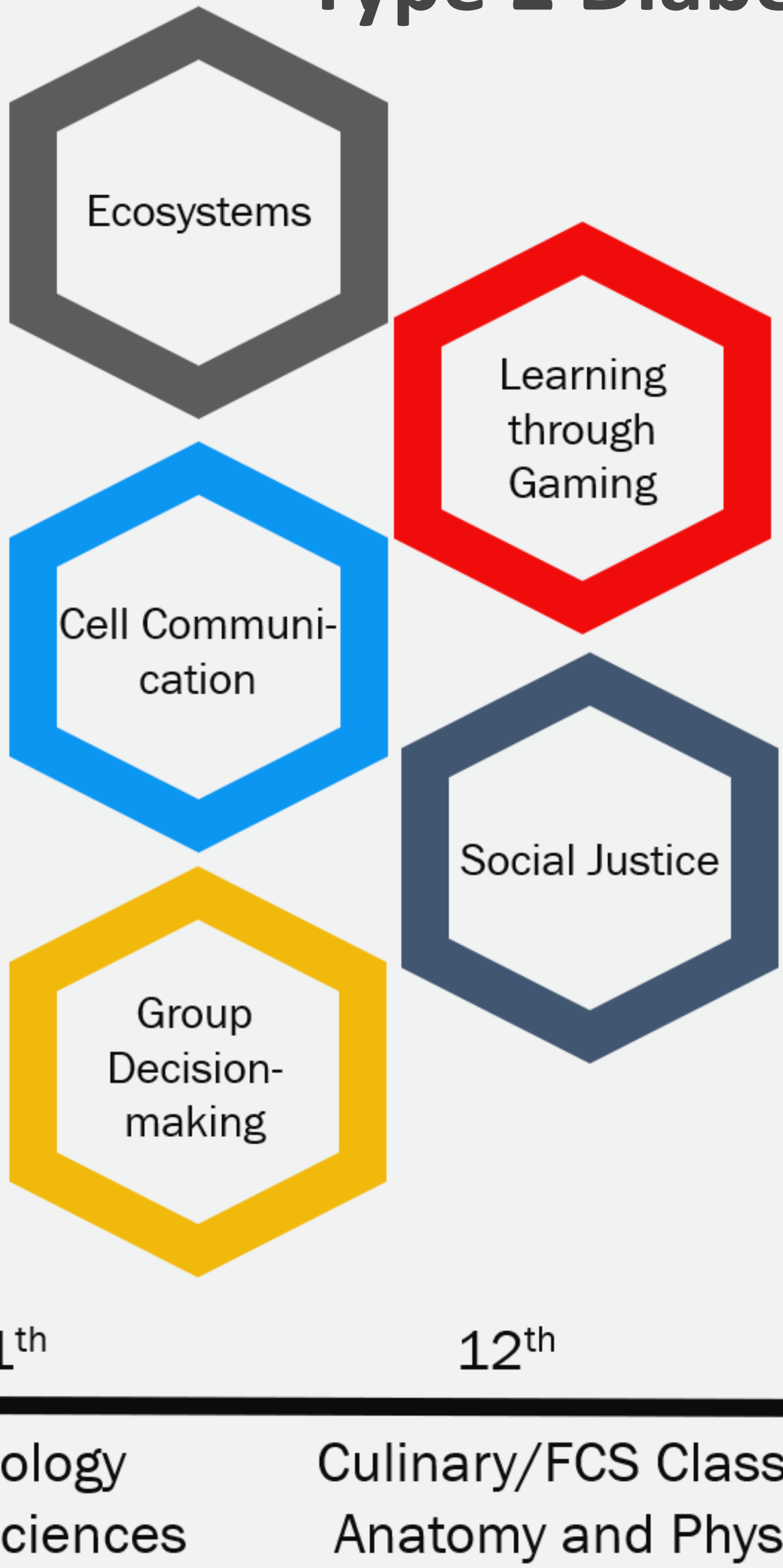
**UWGSEO**  
GENOME SCIENCES EDUCATION OUTREACH  
<https://gsoutreach.gs.washington.edu>

Health and Biology teachers used GEMNet’s **type 2 diabetes** curricula to anchor and connect content from a wide range of high school courses across grade levels. This model drove the expansion of **teacher networks** and positively impacted **thousands of students**.

Foundational Units  
Evaluated in Research Study



“Expansion Pack” concepts  
viewed through  
Type 2 Diabetes

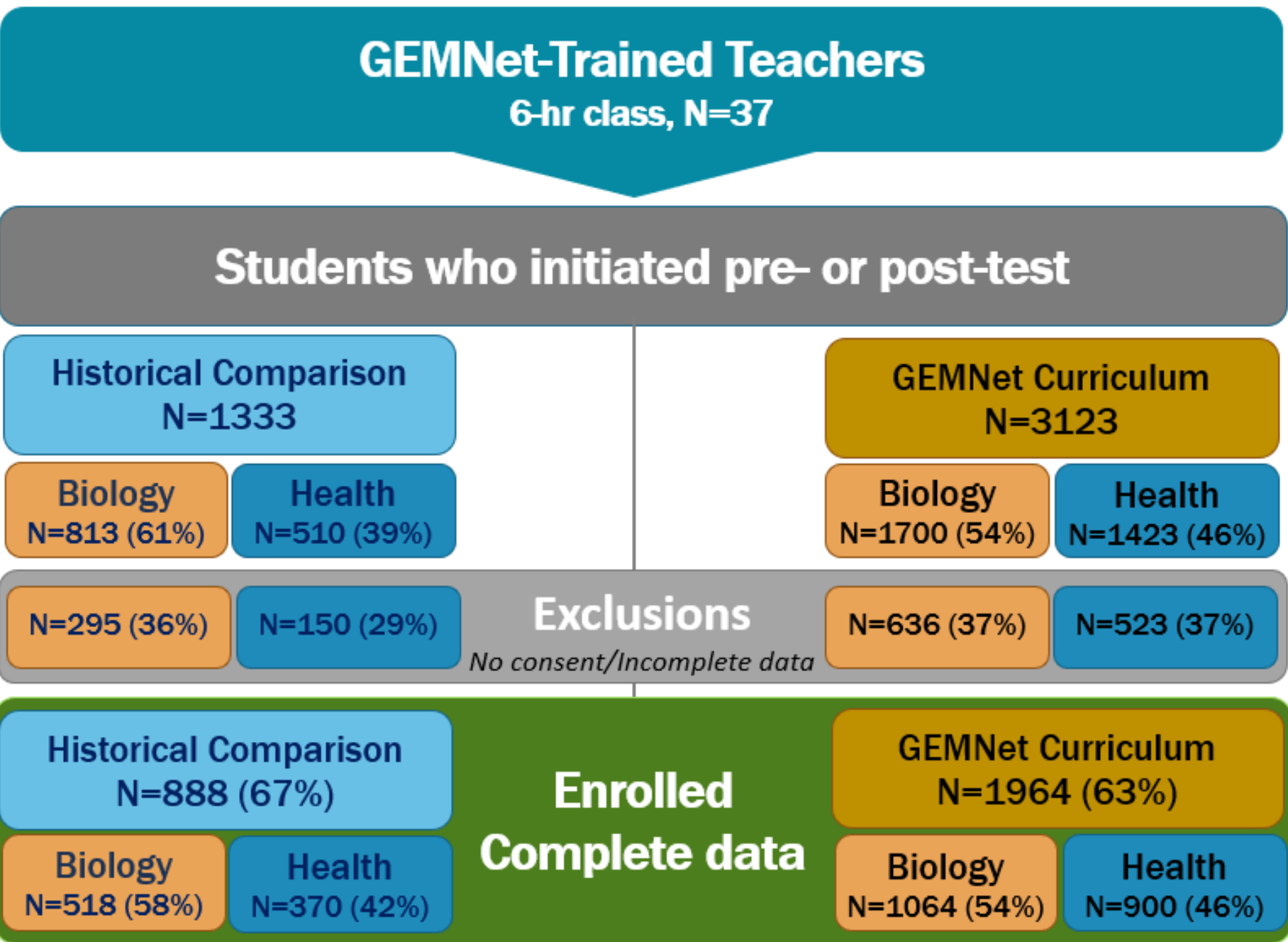


University of Washington, Seattle, WA  
Atom Lesiak, Joan Griswold, and Helene Starks



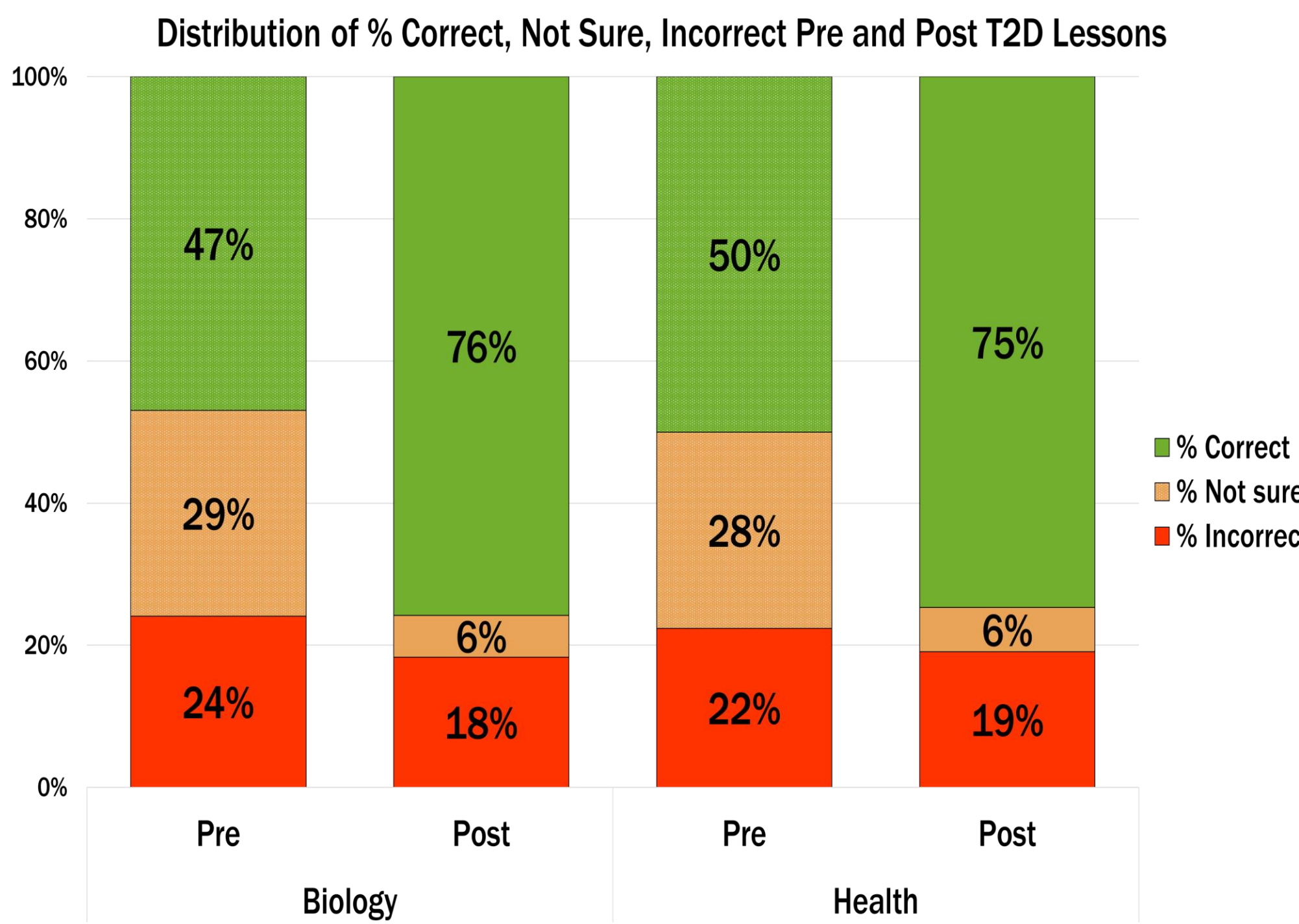
Student Impacts

Study Participation



Type 2 Diabetes was used as model system to **engage** students in content across disciplines, **create awareness** of this complex condition, and **build self-efficacy** so that students can make a difference in their own lives.

Student Content Learning Gains



“ I learned that no matter what your genetic risk for developing type 2 diabetes is, there are good ways to try to prevent it.

I learned that having access to healthy foods is a factor for decreasing type 2 diabetes.

-GEMNet Students

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