

LEGISLATORS NEWSLETTER - JUNE 2020

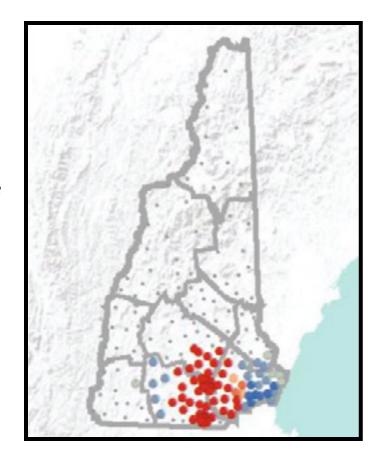


PSU Fall Opening Plans

Like all other USNH institutions, PSU plans to open for face-to-face instruction for Fall 2020 classes. The University and USNH are working with the state and our local hospital (Speare Memorial Hospital) to prepare a variety of safety considerations and be ready for several potential scenarios. Please see our <u>Fall 2020 Plans website</u>, which will be updated regularly as decisions are made.

NH Public Health Data Anaysis

Advanced math students partnered with NH's Environmental Public Health Tracking Program (NH EPHT Program) to identify communities, regions, or counties that have a significantly high rates of emergency room visits due to asthma and Chronic Obstructive Pulmonary Disease (COPD), both of which are often linked to environmental factors. The project examined public health data to determine if there is any spatial clustering of these health outcomes. The students' final presentations (see map) revealed the project's particular importance to New Hampshire, which has the nation's highest rate of adult asthma. The NH EPHT Program commended the students on their work and plans to follow up on their efforts.



New Hampshire "hot spots" identified by students.

These projects are good examples of the way the PSU math program works to involve teams of students in semester-long undergraduate research problems from business, industry, or government. Undergraduate research is a high-impact practice with proven positive impacts on students' problem solving, critical thinking, independent thinking, and communication abilities.