

Environmental Health Information Partnership

2014—2015 EnHIP Outreach Awards

Benedict College – Columbia, SC

Improving Minority-Serving Institutions' Knowledge of National Library of Medicine Resources Through Competitive Student Presentations

Teams or individuals from the Benedict College Student Environmental Health Association will research and present findings about a topic that is a focus of the Environmental Health Information Partnership and the National Library of Medicine (NLM). Students will conduct extensive research using NLM databases, and they will make presentations on their findings.

California State University, Northridge – Northridge, CA

Department of Environmental and Occupational Health: Increasing Visibility of NLM Environmental Health Databases with High School Teachers in the San Fernando Valley

The purpose of this project is to increase the visibility and use of NLM databases among high school science teachers working near California State University. Project staff will conduct informational sessions with science teachers at schools with significant populations of underserved individuals. Special attention will be given to NLM resources related to climate change. At the conclusion of the sessions, teachers will be provided with a sample exercise to show how NLM materials can be integrated into the science curriculum.

Charles R. Drew University of Medicine and Science – Los Angeles, CA

Environmental Health Education and Outreach Project

Project staff will expand efforts to train about 250 students, faculty, and staff at Charles R. Drew University of Medicine and Science and community organizations within the Service Planning Area on NLM health and biomedical information databases and resources. Also, they will convene a symposium for high school and college students, teachers, and members of community organizations on research advances in environmental health as they relate to disease.

Colorado Mountain College – Glenwood Springs, CO

Empowering Valley Settlement Mentors Towards Health Careers

Twelve Hispanic women will enroll in a home health aide course to become certified as personal care attendants. The course will include significant training in NLM digital resources for consumers to promote healthier lifestyle choices. Students will be participants of the Valley Settlement Project's parent mentoring program.

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Florida A&M University – Tallahassee, FL

Improving Access to Health Information Through NLM Databases

This program is designed to improve competency and utilization of NLM health information resources in three select groups affiliated with Florida A&M University's health sciences programs: local high school students, community health ambassadors, and clinical staff at a community medical center. The pilot project will be used to formulate a model for proliferation of this training program throughout the community.

Jackson State University – Jackson, MS

Strengthening Biomedical and Environmental Health Research and Education Through the Use of NLM Web-Based Resources

The goal of this project is to continue to enhance environmental health and biomedical sciences research and education at Jackson State University and around the world by organizing and implementing a pre-symposium workshop on NLMs Web resources for biomedical and environmental health research. The workshop will be held in conjunction with the 12th annual International Symposium on Recent Advances in Environmental Health Research.

Medgar Evers College, City University of New York – Brooklyn, NY

Genomics Education and Outreach Program: Human DNA Variation and Health Curriculum Development

This project will engage students in discussions and educational activities related to the human genome, human diversity, and genetic variation. Also, it will cover methods and resources for study. Curriculum materials will be developed and tested with high school and college students; the materials will be reviewed by high school teachers. Project activities will include a workshop and an introduction to DNA human variation and online information sources. Participants will be biology majors, other science majors, and selected high school students.

University of Alaska Anchorage – Anchorage, AK

Alaskan Voices: Negotiating Concepts of Health and Illness in the Next Generations

The project will create student awareness of NLM online resources. Arctic Health and the NLM Web sites and applications related to "Native Voices" are of particular interest. Students will build skills in researching ethical questions by interviewing fellow students about their cultural values regarding health and illness.

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University of Alaska Anchorage – Anchorage, AK

Alaskan Voices: Negotiating Concepts of Health and Illness in the Next Generations

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Interviewees will be asked to reflect on how they have negotiated these values within competing cultural contexts. Students will video and audio record interviews. In some cases, students may document a dialogue to demonstrate how cultural values around health are discussed.

The University of Texas at El Paso – El Paso, TX

Building Knowledge and Skill at UTEP and in the Local Community for the Use of National Library of Medicine's Health and Biomedical Information Collections

The project will develop an approach that will build expertise for a master's level public health student in the uses of National Library of Medicine resources. The student will develop a student- relevant tutorial for peers detailing the "whys" and "hows" of information access, and the student will use the tutorial to conduct peer-to-peer training sessions in undergraduate classes. Sessions will also be held for community leaders. At the end of the project, the revised and tested tutorial and lessons-learned report will be placed in the UTEP library for use by other student leaders who can provide peer-to-peer tutorial services. By developing the expertise of students, the child environmental toxicology research program will benefit because students will improve their efficiency and productivity. With these new skills, students can hasten the development of critical educational materials for parents and the community regarding child heavy-metal exposure.