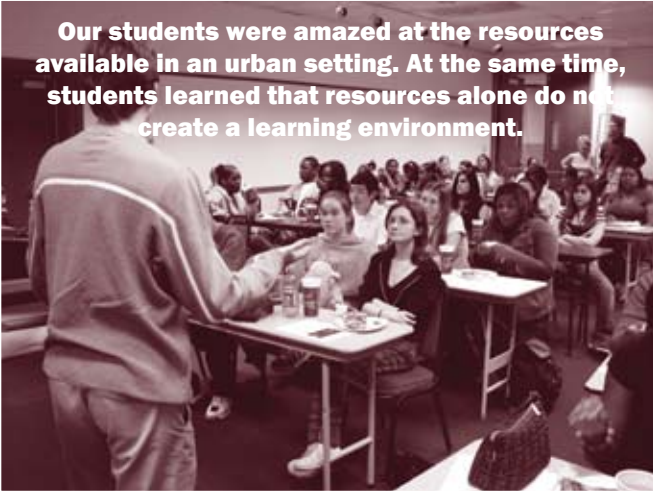


Mentoring at Lima Senior High

Our students were amazed at the resources available in an urban setting. At the same time, students learned that resources alone do not create a learning environment.



A Taste of College Day

University Connections: Mentoring at Lima Senior High School

Mentors learn and grow as much as those they help. This project paired OSU Lima students with Lima high school students whose life experiences are very different from theirs to help the younger students prepare for the Ohio Graduation Test. Students in English 467 worked with high school students and staff to produce a literary journal of poetry, fiction, and art. A Taste of College Day brought 50 of the mentored high school students to campus for “mock” classes in astronomy, English, history, and biology and a campus tour.

As a result of this project,

- OSU Lima students learned about tutoring theory and approaches to the improvement of writing skills.
- Education majors have reaffirmed their commitment to teaching.
- OSU Lima students have a better understanding of diversity and urban education.
- High school students improved their performance on standardized tests and expanded their horizons for post high-school education.
- The publication of the literary journal *Voices* helped Lima Senior high school students improve their writing skills and express themselves in forms not usually encouraged in a testing culture.
- The high school will continue to produce the journal with the assistance of an OSU Lima student editor.
- Ten Lima Senior high school students will receive \$50 awards for the creative efforts.

Audience

At-risk high school students

Ohio State Partners

Doug Sutton-Ramspeck (English Department, OSU Lima); Lynn Sametz (K-12 Outreach, OSU Lima); OSU students in English 467 and Education Teaching & Learning 694.50

Community Partners

Jeff McClellan (Multiple Intelligences Principal, Lima Senior High School); Doug Kent (Performance Based Principal, Lima Senior High School); Judy Shisler (Progressive Based Principal, Lima Senior High School)

Healthy Food, Healthy Community

Improving Access to Healthy Food

Communities in which there is a shortage of health professionals often suffer the double jeopardy of lack of access to healthy food. To assess this situation, students in Allied Medicine 670 conducted an environmental scan and visual food item survey in a designated “Health Professional Shortage” area (the Near South, Buckeye, and Marion planning districts in Columbus, Ohio). Students found that most groceries/food stores did not carry fresh fruits or vegetables, and fresh meat was not readily available. Prices widely varied, and many of the stores were not easily accessible. In general, stores located in the poorer parts of the designated area had the most highly priced food items and carried large quantities of foods considered to be low in nutrition. Public Health 850 students are surveying residents about their perceptions of the availability of healthy food in the community.

As a result of this project:

- Students are preparing a comprehensive report for Columbus Public Health that includes recommendations for action.
- The data help build Columbus Public Health’s capacity for increasing access to healthy foods, informing residents about problems in local food systems, and helping the community prioritize its efforts.

Audience

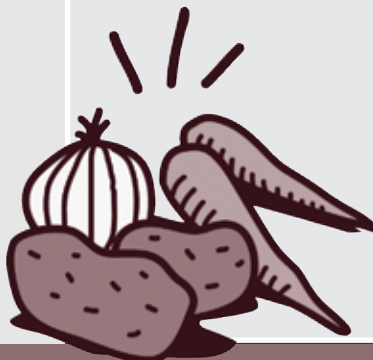
Columbus Public Health

Ohio State Partners

Randi Love (College of Public Health); Jill Clutter (School of Allied Medical Professions); students in Allied Medicine 670 and Public Health 850

Community Partner

Sandy Gill, (Cardiovascular Health Initiative, Columbus Public Health)



Columbus Public Health will use the data to create an action plan addressing healthy food access issues for the identified community.

Oral Health & Nutrition

Audience

Uninsured persons of all ages, minorities, migrant workers, and Somali refugees in Franklin County and the 10-county Appalachian region of southern Ohio

Ohio State Partners

Abdel Rahim Mohammad (Geriatric Dentistry and Community Outreach and Engagement Programs, College of Dentistry); Gail Kaye (Department of Human Nutrition, College of Education and Human Ecology); Lisa Gibson (OSU Extension Family Nutrition Program); 2006-2007 class of dietetic interns; 2006-2007 senior class of dental students; Family Practice Clinic

Community Partners

Access Health Columbus, Inc.; Area Agency on Aging, District #7, Inc.

Incorporation of Nutritional Health Promotion and Oral Health Care for the Poor and Underserved Population in Downtown Columbus

Nutrition and oral health are interconnected—the quality of one affects the quality of the other. Dentistry and nutrition faculty designed a project to give dietetic interns and dental students the opportunity to provide comprehensive dental care, nutrition education, and diet counseling to underserved populations, patients suffering diet-related disease, or persons at risk of heart disease or stroke. While providing these services, students were able to practice interprofessional collaboration. Dental students provided oral examinations, oral cancer screenings, cleaning and prophylaxis of teeth, and other dental services. Dietetic interns created a nutrition assessment form to collect information about the health practices and health risk factors of approximately 550 underserved low-income residents of Franklin County and 10 counties within the Appalachian region of southern Ohio. The information was used to develop appropriate nutrition education and counseling.

As a result of this project,

- Outstanding community needs are being addressed by providing to the target population comprehensive dental care, customized nutrition education, medical nutrition therapy services, and supplemental educational materials.
- Data on the prevalence of oral, general systemic diseases, and nutritional-related diseases are being collected. Correlations between medical disorders, dental conditions, diet and nutritional status, and demographic data will be investigated and be presented at a national meeting.
- Based on the data collected, a presentation was developed that will provide general health and nutrition information for the geriatric population.
- Results of the nutritional component of this initiative are being presented at the Department of Human Nutrition Russell Klein Memorial Nutrition Research Symposium on June 1, 2007.



This collaboration between faculty in the College of Dentistry and Department of Human Nutrition will enhance the quality of healthcare services for underserved populations.

Photo: Nutrition education session

Mission Possible: Providing Quality Programming in Mathematics at the Culliver Reading Center through Service-Learning

To help children learn to enjoy math by improving their skills is the “Mission Possible” undertaken by OSU Mansfield graduate education majors and undergraduate students. Ten Master of Education candidates tutored approximately 50 elementary students weekly at the Culliver Reading Center, observing and recording the most frequent math errors and misconceptions and analyzing their findings. Then, undergraduate students enrolled in three basic math courses developed lesson plans targeting those errors. The lesson plans were aligned with the Ohio Standards and incorporated instructional strategies based on best practice research.

Mission: Possible

As a result of this project,

- The OSU volunteers helped create an environment that reinforced Culliver’s efforts to make learning fun. Students were more often very eager to work with the volunteers and looked forward to the math sessions. Parents found their children were excited about learning math.
- A reciprocal working relationship between Culliver and OSU Mansfield is helping bridge any gaps between the academic culture and the population using the center.
- Both Culliver and OSU were able to use multiple resources, build valuable relationships, affect larger geographic sectors, complement their strengths, and share ideas for innovative programming.
- The graduate students gained experience working with minority students from low-income families and learned how to address the different needs of students.
- Graduate education majors realized the importance of having good basic math skills themselves.
- The undergraduate students learned to write lesson plans with a target audience in mind.
- Faculty, staff, and students at OSU Mansfield gained an appreciation of the challenges of operating an effective after-school program.
- Culliver and OSU staff are discussing the possibility of developing a volunteer program for the center.



Projects like this help us embrace successful growth and afford us an opportunity to achieve shared goals.

Audience

Mansfield area students in grades K-7

Ohio State Partners

OSU Mansfield faculty and staff: Terri Bucci (School of Teaching and Learning); Sheila Elcess (Educational Field Experience); Kris Moloney (Conard Learning Center); Michelle Persinger (Mathematics); Ed Wachtel (Technology Teaching Lab)

Community Partners

Culliver Reading Center, a provider of standards-based after-school programs for K-12 students, directed by Inez Shepherd and coordinated by Angela Holt