St. Elmo Brady STEM Academy – STEM Outreach

St. Elmo Brady STEM Academy was developed to expose underrepresented fourth and fifth grade boys to science, technology, engineering, and mathematics using an innovative approach. First, participants are engaged in hands-on STEM experiments and encouraged to learn through inquiry. Next, participants learn about STEM pioneers and inventors through weekly videos and exploration activities. They also interact with underrepresented University of Illinois graduate and undergraduate students, faculty, and staff to complete experiments. Lastly, fathers, male relatives, or mentors attend a session and conduct experiments alongside participants.

COMMUNITY PARTNERS
Champaign Unit 4 School District

Illinois Health and Nutrition – Building Healthy Communities

Illinois Health and Nutrition (IHN) was started by a few medical students who wanted to reach out and help their surrounding community. IHN promotes education and encourages healthy lifestyles in individuals who may not have the resources available or the knowledge base to start making changes in their lives. For the past two years, IHN has helped to support an annual health fair, Campaña de Salud that focuses on providing free health care screenings and educational resources for the Spanish speaking community. They also interact with underrepresented University of Illinois graduate and undergraduate students, faculty, and staff to complete experiments. Lastly, fathers, male relatives, or mentors attend a session and conduct experiments alongside participants.

COMMUNITY PARTNERS
St. Mary’s Catholic Church, Presence Covenant Medical Center interpreter services and Community Resource Center, MI RAZA Community Center of Arcola. Vocational Rehabilitation Management, INC. DHS Division of Rehabilitation Services

Word Transformers: An After School Literacy Program

The Word Transformers Project connects literacy experts in the Department of Speech and Hearing Science to students and teachers in the Champaign community. The project expanded after-school programming to reach children who will benefit from focused instruction to support academic progress. Graduate students in the speech-language pathology masters program gain valuable service learning experience by applying intervention strategies to develop skills that are the building blocks of reading fluency. A hallmark of the program is engaging 3rd grade students in active learning and hands-on tasks that accommodate different learning styles and abilities. In addition to the short term educational impact, an important long term impact is preparing graduate students to be advocates for effective literacy instruction when they enter professional practice.

COMMUNITY PARTNERS
Garden Hills Elementary School, Champaign, Illinois

Miri Kim & Isabel Ivanova Neacato Medical students, College of Medicine

Miri Kim & Isabel Neacato are third year medical students at the University of Illinois College of Medicine at Urbana-Champaign. They have a great passion for nutrition, education, physical fitness and community service. Their goal is to bring their own enthusiasm and passion for healthy eating and lifestyle into the lives of their community and encourage individuals to make healthier lifestyle choices. Their hope is to change the life of one individual at a time in the hopes of preventing chronic diseases such as obesity, diabetes, and cardiovascular disease.

Patricia Davis Cetin Clinical Instructor, Department of Speech and Hearing Science

Patricia Cetin is a clinical instructor in the Department of Speech and Hearing Science. Prior to that, while working in public school districts as a speech language pathologist, she became particularly interested in seeking effective methods for developing reading and spelling skills in children with expressive language impairments. Since joining the SHS faculty in 2005, she has taught undergraduate service learning courses and pre-practicum. Her clinical practice focuses on working with children with dyslexia and delays in phonological awareness. She supresses clinical practicum for graduate students in the areas of reading disorders, language delay, stuttering and social communication.

Jerrod Antwone Henderson Lecturer, Chemical & Biomolecular Engineering

Dr. Jerrod Henderson has been a member of the chemical engineering faculty at the University of Illinois since 2010. He is originally from Kinston, NC and holds degrees from Morehouse College and North Carolina A&T State University.