



NEWS RELEASE

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Contact: Kathi Brown, Public Relations Specialist
(505) 222-6600 or 1-800-432-

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Albuquerque Resident, Elizabeth Frederick, Honored Promoting Science and Technology in Education

Albuquerque, NM (November 3, 2008) – The New Mexico Network for Women in Science and Engineering (NMNWSE), in cooperation with the NM Commission on the Status of Women, honors **Elizabeth Frederick of Albuquerque** with the *Second Annual IMPACT! Award*.

The award, given to a New Mexico woman for her extraordinary efforts in encouraging and helping women enter and succeed in science, technology, engineering and math as well as promoting networking and communication among women in these careers.

Nominated by the management team of Project GUTS: “Growing Up Thinking Scientifically” at the Santa Fe Institute, Ms. Frederick is recognized for her long career of facilitating learning in Mathematics and Computer Science. Throughout her career, she had been actively involved in education outreach, networking and mentoring to recruit women to the male-dominated fields of Science, Technology, Engineering and Mathematics (STEM).

Ms. Frederick taught for the Albuquerque Public Schools for 20 years, concentrating on mathematics and computing as well as becoming the acting coordinator for instruction technology. She was responsible for assisting schools in their acquisition of hardware and software, installing local and wide area networks, and finding meaningful applications for the new technology in curricula areas.

Currently, Ms. Frederick is a member of the managerial team of the Supercomputing Challenge (“the Challenge”). She helped reshape this program from a male-dominated computer programming contest to a year-long project-based Computational Science and problem solving competition that attracts a diverse student body. With Ms. Frederick’s involvement, the Challenge’s participant pool has consistently been at least 45% young women. Her belief that teachers and student should be offered safe, interesting, collaborative

environments that allow them to be recognized in the community for their strengths and individuality has paved the way for many young women to enter into STEM fields.

“As Co-Principal Investigator for Santa Fe Institute’s Project GUTS, a STEM afterschool and summer program for middle school students, Ms. Frederick has been instrumental in the success of the program in many ways,” states Project GUTS management team. “She has mentored the Principal Investigator and facilitation staff, and has shared her extensive network of connections to STEM and education professionals around the state to publicize and recruit students and teachers to join Project GUTS.”

With leadership activities spanning 30 years, Ms. Frederick has chaired several organizations including Expanding Your Horizons, New Mexico Council of Computer Users in Education, and the International Telecommunications in Education Conference. Additionally, she has been a board member of Network New Mexico and the International Society for Technology Education.

The NMNWSE began in 1975 with a core group of faculty and staff from UNM wanting to reach out to women in science as a group. Since then, the Network has worked to encourage and help women enter and succeed in Science, Technology, Engineering and Math careers and promote networking and communication among members by providing regularly scheduled meetings, talks and other local activities.

The NM Commission on the Status of Women was created by state statute to increase the knowledge of the rights, responsibilities and interests of women and girls in New Mexico and to preserve women’s history and contributions to our state.

For further information on NMNWSE or the IMPACT! Award, please visit www.nmnwse.org

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