



NASA

**THE
NASA TEACHER
IN SPACE
PROGRAM**

Commonwealth of Pennsylvania

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In 1985, the U.S. government and the National Aeronautics and Space Administration (NASA) chose the first teacher — Christa McAuliffe of New Hampshire — to go into space aboard the shuttle Challenger.

Chosen from 581 applications as Pennsylvania's finalists in the teacher astronaut competition, Walt Tremer, of the Southern Lehigh School District, and Pat Palazzolo, of the Allegheny Intermedicate Unit, took part in extensive space workshops sponsored by NASA.

These Pennsylvania teachers, who have been designated official NASA Space Ambassadors, are now available to conduct space educational programs for students, teachers and administrators.

NASA State Ambassadors

State finalists, as part of the "Teacher in Space" program, have been prepared to instruct and disseminate NASA materials related to present and future space projects. This preparation has included workshops in Washington and a future session at Cape Kennedy in Florida, while viewing the 51-L shuttle launch.

The state space ambassadors have on hand an extensive kit — complete with slides, videotapes of shuttle activities, computer software, and numerous publications and curriculum materials — for use within educational systems. In addition, all ambassadors have been certified to receive and conduct activities using lunar samples.

NASA Space Programs for Pennsylvania

The following NASA Space Programs can be arranged by contacting the NASA Ambassadors listed in this brochure:

Presentations and Large Group Lectures

To directly involve students in on-going NASA programs and research and to update school programs related to NASA projects, the Ambassador will present lectures, workshops, and research projects to the students. Content areas include space and shuttle technology, Halley's comet update, lunar samples, space telescope projects, and space lab programs. Presentations will include videotapes of shuttle activities, slides, computer programs, and extensive handout material.

Students are invited to participate in the Student Space Involvement Program, and the Shuttle Space Project program.

Programs are suitable for all levels, elementary through high school, and adapted to specific content areas upon request.

Teacher Workshops

NASA Teacher Space Workshops are structured to create awareness among teachers on how they can incorporate space education and materials into their subject areas. Specific NASA material and curriculum projects will be reviewed, including videotapes, computer software, slides, and extensive printed material. Application techniques will be discussed, and future communication and resources from NASA offered. The workshops are applicable to all grade levels, and are related to most subject areas.

Specific NASA Student Involvement Programs will be reviewed.

Administration Conferences

The NASA Ambassadors have been supplied with extensive material related to present and future space programs. Most of the material is applicable to classroom instruction and individualized research projects. The Ambassadors are prepared to discuss with administrators the applicability of the materials and NASA programs to school curriculum frame works, both on a school and a district level.

How Do We Get More Information

Additional information concerning the NASA Space Programs may be obtained by contacting:

Eastern Pennsylvania:

Walt Tremer
Southern Lehigh School District
R.D. #1, Box 13
Center Valley, PA 18034

School: (215) 282-1421
Home: (215) 965-2996

Western Pennsylvania: (Available in I.U.s 1-7,9, 27 and 28 only)

Patricia Palazzolo
1066 Village Green Drive
Clairton, PA 15025

School: (412) 371-8484
Home: (412) 655-3805



PENNSYLVANIA NASA AMBASSADOR BIOGRAPHIES

Walt Tremer

Mr. Tremer is presently Director of the Future Tech Center at Southern Lehigh School District, Center Valley, PA. He also is Coordinator of Gifted Programs for the district. He teaches robotics, artificial intelligence and computer courses in the center, and structures individual research for gifted students.

Mr. Tremer has 21 years of teaching experience, divided equally between college and public school instruction. Past professional experience includes many years as an archaeologist with the National Park Service, and several years in the Far East as a Chinese and Russian interpreter.

Mr. Tremer holds a B.A. in Anthropology from Temple University, and M.A. in Archaeology and Education. He also holds Interpreter Certification from Yale University and Foreign Intelligence School.

Pat Palazzolo

Ms. Palazzolo has ten years of teaching experience, and is employed by the Allegheny Intermediate Unit, where she serves as acting curriculum specialist. She has taught everything from computer programming to local history. She has been very involved in the Statewide Future Problem Solving Program, and is active in the Educational Services Division of the Pittsburgh L-5 Society.

Ms. Palazzolo graduated summa cum laude from the State University of New York, College at Brockport, with degrees in French and History. She holds a master's degree in Secondary Education from Duquesne University in Pittsburgh.



Commonwealth of Pennsylvania
Dick Thornburgh, Governor

Department of Education
Margaret A. Smith, Secretary