

Peter R. Newell

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Major Educational Workshops, Public Service, Youth, and Technology-Related Activities:

- July 1999 **Principles Of Engineering Case Studies Workshop** *SUNY Stony Brook University*
3-week workshop with education and engineering professionals to implement POE curriculum.
- 1998 - 99 **VATEA Leadership Academy** *Hamilton-Fulton-Montgomery BOCES*
Yearlong series of teacher workshops addressing NYSED Career Development & Occupational Studies Learning Standards, SCANS skills, local industry needs, etc.
- 1998 **New York Wired For Education** *NY Wired*
Teacher workshop and project to help integrate information technologies into academic curriculum using HyperStudio, Power Point, HTML, the Internet, digital cameras, scanners, etc.
- 1995 - 97 **New York State Technology Education Network** *NSF/NYSED/Hofstra*
3-year National Science Foundation Project to foster Math-Science-Technology integration. Main technical topics included CAD, Electronics, Computer Control. 150+ hours of workshops and advanced training at Hofstra University in 1995-96. Conducted teacher workshops in 1996-97.
- 1995 **Science Teachers Association of New York State**
Co-presented Amateur Radio workshop and demonstration at 1995 state conference.
- 1994-96 **Herkimer County BOCES - Engineering Technology Program Development**
Served on committee to develop the program. Later specified equipment as a consultant to the BOCES.
- 1994 **NASA - SAREX**
Member of volunteer team which set up and conducted a two-way radio contact between the space shuttle and students as part of NASA's Shuttle Amateur Radio Experiment educational program.
- 1993 - 97 **Milton J. Rubenstein Museum of Science and Technology (Syracuse, NY)**
Member of Amateur Radio station planning and implementation committee.
- 1993-95 **New York State Association for Computers and Technologies in Education**
Presenter at state and regional conferences.
- 1993 -94 **Learning Facilitator - Project LIGHT**
(Business-education partnership between General Electric and Syracuse City School District.)
Tutored high school physics students. Developed and conducted technology activities utilizing Amateur Radio as a learning and motivational tool in middle school science classes.
- 1990 - present **Civil Air Patrol**
Communications Unit Director; Ground Search Team Leader; Adult leader in Cadet Squadron. Planned and coordinated squadron activities. Provided instruction to cadets and senior members in radio communications and search and rescue techniques.