

INSIDE AAAS

edited by DIANA PABST

Two Fellowships Draw to a Close

Tessa Warren, a science major at Yale University, traded in her lab notebook for a reporter's notebook this summer. She found working as a journalist at WOSU-AM radio in Columbus, Ohio, both daunting and exhilarating.

Warren had to do "absolutely everything" to produce her reports: come up with the ideas, sell them to her editors, find sources to interview, edit tape, write the scripts, and record the pieces. "Then," says Warren, "I'd wake up and listen to my voice in the morning. It's pretty amazing."

She and 15 other AAAS Mass Media Science and Engineering

Fellows just completed 10-week reporting assignments at major newspapers, magazines, and broadcast stations. They had a chance to sharpen their communication skills and learn how science news is disseminated to the public; the host organizations benefited from the fellows' scientific knowledge and perspective.

The AAAS media fellowship program is in its 20th year. Information on applying is available at 202-326-6760.

Another group of fellows spent the summer as special consultants to the U.S. Environmental Protection Agency (EPA). The 12 AAAS-EPA Environmental Science and Engineering Fellows did individual

research projects on issues relating to environmental policy.

The participants are post-docs and mid-career scientists and engineers with expertise in areas related to environmental science. The program, which includes an orientation to EPA and relevant congressional and executive branch operations, as well as weekly seminars, provides firsthand experience in how technical information is used in environmental decision-making. For more information, call 202-326-6600 or inquire via Internet at: science_policy@aaas.org

The application deadline for these and other AAAS fellowship programs is 15 January.

Calculated Imagery

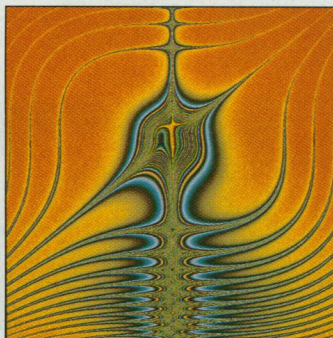
"I'm teaching myself calculus so I can expand my artistic palette," says Brian Evans. A composer by training, he uses mathematical formulas as "recipes" for visualizing music. A sample of the computer art is on exhibit at AAAS through 20 October.

Evans is a research artist and an adjunct assistant professor of computer music at Vanderbilt University. His early experimental work in music animation and computer graphics was done at the National Center for Supercomputing Applications in Champaign-Urbana, Illinois.

"Algorithms, implemented on computers, make it possible to see and hear the inherent beauty of abstract mathematical processes," Evans explains. He's written a "suite of programs" and is exploring the visual results.

When we look at the visualization of a mathematical model, is it something that exists in a metaphysical way? Or is the math-

ematics describing nothing more than an intellectual construct, and are the images merely something pretty? "My motivation is



Song #4 (icterus). Ink-jet print on Arches paper, 24" x 24," 1994.

philosophical. Meaning is very important to me," Evan says.

He studied music composition originally because he was a rock 'n' roller, and later a jazz singer, who wanted to improve his songwriting. Minor in computer science, he was lured by "the lust of the digital" and the computer's potential as a creative outlet for music. The result, he says, can be "so wonderfully beautiful"—like experiencing the resonance of a haiku poem or visualizing the musical equivalent of photographs by Ansel Adams.

Evans has a gallery on the World Wide Web, available at: <http://www.vanderbilt.edu/~evans>

Call for Council Resolutions

The next meeting of the AAAS Council will take place during the AAAS Annual Meeting at the Hyatt Regency Baltimore Inner Harbor in Baltimore, Maryland, on 11 February 1996. Individuals or organizations wishing to present proposals or resolutions for consideration should submit them in written form to AAAS Executive Officer Richard Nicholson by 3 November.

Items should be consistent with AAAS's objectives and be appropriate for consideration by the Council. Resolutions should be in the traditional format, beginning with "Whereas" statements of fact and concluding with "Therefore be it resolved."

The Committee on Council Affairs will hold its open hearing on submitted items at 2:30 p.m. on 10 February. Late proposals or resolutions delivered to the AAAS Executive Officer before 11 February will be considered if they deal with urgent matters and are accompanied by a written explanation of why they were not submitted by the deadline.

Summaries of the Council's agenda will be available during the Annual Meeting at the AAAS information desk and the meeting headquarters office. The full agenda also will be available.

Notice to Members

In September, AAAS will be changing the computer service bureau used to maintain member records and the *Science* subscription database. The new service bureau is in Danbury, Connecticut. During the transition period, there will be some delay in processing mail and telephone service requests. Members' cooperation and understanding are appreciated.

The 800 telephone number for member services will change. In the interim, members should call the Washington, D.C., office at 202-326-6417. *Science* delivery will not be affected.

The changes are necessary to provide improved member services and better data management. For more information, watch for announcements in *Science* and *AAAS Scope*, or call the Membership Office at 202-326-6417.

R&D Budget Seminar

In a continuing effort to keep the science and engineering community informed on federal budget decisions, AAAS will hold a seminar 29 August on the status and consequences of R&D funding.

The seminar will serve as an update of AAAS's April 1995 Colloquium on Science and Technology Policy. AAAS budget analysts will summarize current information on congressional appropriations for R&D, and a senior Senate staff person will outline what may lie ahead in upcoming weeks. Representatives of industry and universities will sketch likely impacts on their sectors.

The House completed action on all nondefense R&D appropriations measures for fiscal 1996 before adjourning in early August. The focus will shift to Senate appropriations when lawmakers return after Labor Day. Updated budget figures and other information can be viewed under "Science and Policy Programs" at the AAAS World Wide Web site (<http://www.aaas.org>).

For information, contact AAAS at 202-326-6600 or via Internet at: science_policy@aaas.org

In the R&D funding chart in the July "Inside AAAS," the column labeled DOA should have read DOE, for the Department of Energy. We regret the error.—Ed.