

## THE JOURNAL of ACADEMIC T-SHIRTS

cordially invites you to accept a free copy of the current Vol. 5, No. 2. We apologize for a journal without scholarly articles but it does contain dozens of diagrams, mottoes and equations, some worth a Nobel prize. All are directly silk-screened onto T-shirts and a single shirt costs \$5.75, including pst. and hdl. charges.

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## SCIENCE ON TV

SCIENCE NEWS prints the latest written word of scientific developments and noteworthy news. We've set this space aside to inform our readers of programs of scientific interest that are scheduled on television. Check your local listings for exact times.

• **Oct. 2 (PBS) NOVA**—"A Plague on Our Children" examines the chemical industry—seen by some as a boon to modern civilization and by others as a major threat to the health of present and future generations. The focus is on the most dangerous and widespread contaminants on this planet: dioxins and PCB's—which, in spite of a ban on their manufacture, continue to endanger human health (SN: 9/15/79, p. 183).

• **Oct. 9 (PBS) NOVA**—"Life on a Silken Thread" tries to dispel some of the "bad press" spiders have received during the past 300 million years. With the help of varying cinematic techniques and with the addition of music, the activities of spiders—both sinister and mundane—assume a surprising grace and beauty. Besides exhibiting grace spiders exhibit diversity—comprising more than 35,000 species that live in every corner of the world.

• **Oct. 16 (PBS) NOVA**—"Sweet Solutions" looks at the past, present and possible future of the "edible symbol of the good things in life"—sugar. Long connected with wealth (in terms of both production and consumption), more sophisticated farming techniques are resulting in increased production—and hence consumption. This increase concerns sugar's critics, who charge that the sweet substance causes a whole range of health problems. Yet the search for an acceptable substitute—one that is both good tasting and medically safe to ingest—has so far been unsuccessful, thus postponing a decision on what will happen to the economy of sugar-producing nations when a substitute is found.

• **Oct. 23 (PBS) NOVA**—"Icarus' Children" is an update of the 1978 program on human-powered flight that includes footage of the June 1979 voyage of the Gosamer Albatross. Its predecessor, the Gosamer Condor, was the winning entry in the competition for the Henry Kremer prize. An \$87,000 prize to be awarded to the first person to fly a figure-eight-shaped course using human power alone, the Kremer prize proved elusive until Paul MacCready Jr., a California aeronautical engineer and gliding champion, flew the Royal Aeronautical Society-prescribed course in the Condor. This year, in the MacCready-designed Albatross, Bryan Allen made the first human-powered crossing of the English Channel.

• **Oct. 30 (PBS) NOVA**—"Race for Gold" is part one of a two-part special on science and sports. The focus in part one is on athletic training methods here and abroad—particularly in East Germany, whose female swimmers won 11 of 13 events in the 1976 Olympic games in Montreal. The muscular appearance of the swimmers has led to speculation that their success is due—at least in part—to the use of anabolic steroids, drugs that contain the male hormone testosterone. Rare footage of practice at a training club in East Berlin is included.

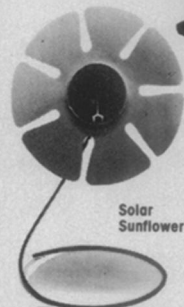
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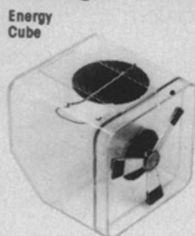


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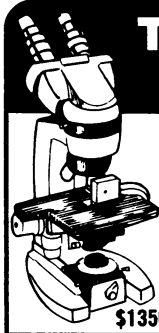
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