

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 and radio. Check your local listings for exact times.

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COVER: A sequence of 100 pulses from the pulsar designated PSR 1133+16. It's an exciting time for the study of the emission mechanisms of pulsars. Researchers are coming close to explaining how and why pulsars pulse. See p. 60. (Pulsar profile: J. M. Cordes)

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• (PBS) **National Geographic Specials:** **Aug. 5 "National Playground or Paradise?"** An examination of the debate over whether to restrict public access to national parks in order to halt environmental damage; **Aug. 12 "Living Treasures of Japan"** Nine "Holders of Important Intangible Properties" —artisans and performing artists who keep an ancient culture alive in a contemporary society — are profiled; **Aug. 19 "Dive to the Edge of Creation"** A deep-dive expedition off the Galapagos Islands that reveals exotic sea life forms nourished by bacteria that convert chemicals into organic matter; **Aug. 26 "Mysteries of the Mind"** A look at the most powerful force on earth — its activity during sleep, during procedures such as acupuncture and hypnosis and as used by Zen monks and Indian yogis, who are able mentally to regulate basic body functions.

• (PBS) **"NOVA": Aug. 4 "The Business of Extinction"** Examination of a multimillion dollar animal trade that flourishes despite the imminent danger to animal life; **Aug. 11 "Memories from Eden"** A look at the new roles and responsibilities of zoos; **Aug. 18 "Voyager: Jupiter and Beyond"** A summary of Voyager's journey through the outer solar system to date and a look to the future; **Aug. 25 "Resolution on Saturn"** An update of the Voyager I 1979 exploration of Saturn to commemorate the occasion of Voyager II's encounter. Included will be unique film footage, seen for the first time on TV.

• (PBS) **"The Tom Cottle Show,"** which premiered last month, features this clinical psychologist-sociologist in dialog with a variety of guests. This month's programs are: **Aug. 1 "Portrait of a Surgeon"** A discussion with Richard Selzer of Yale University of the emotional and psychological experiences of a surgeon; **Aug. 8 "A Loss Survived"** A widower shares the story of his wife's death and its effects on the family; **Aug. 15 "Psychic"** A woman who believes herself to be a psychic discusses

what she sees as both a burden and a gift; **Aug. 22 "Mental Patient"** The experiences of a woman who has been a patient in four mental institutions; **Aug. 29 "Incest"** A woman who was the victim of incest discusses the profound effect it had on her as a child and its effects now that she is an adult.

• (PBS) **"Here's to Your Health": Aug. 1 "Acne"** A common affliction, and one not restricted to teenagers that can lead to psychological as well as physical problems; **Aug. 8 "Epilepsy"** What has been learned about the cause of epilepsy and methods of controlling seizures; **Aug. 15 "Medical Emergencies"** A look at ways to cope with medical emergencies — which can mean the difference between life and death; **Aug. 22 "Asthma"** Progress in combatting asthma, treatment of asthma and the experiences of young asthma sufferers; **Aug. 29 "Pregnancy After 35"** A look at the risks of the option that more and more women are taking.

• (PBS) **"Fast Forward I"** is a series that examines the revolution in electronic technologies and their impacts on our society and culture. **Aug. 6 "Convivial Machines"** looks at how technology has, while making machines more complex, made them easier to operate; **Aug. 13 "Bio-Engineering I"** is an assessment of the implications for mankind of technology's influence on medicine; **Aug. 20 "The Information Flow"** examines new techniques, such as satellites, fiber optics and digital switching, to disseminate large amounts of information quickly and efficiently; **Aug. 27 "New Perspectives"** explores the utilization of technology to see that which the eye cannot.

• (ABC) **"ABC News Closeup":** Genetic engineering, or recombinant DNA technology, will be the subject of one program in August (no date has been set).

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