New AIDS Chief Takes Charge
Using Discretion, OAR Style

LIGO Director Out in Shakeup

Agriculture Research: A Bold New Program at Berkeley Runs Into Trouble

Biosphere 2 Makes a New Bid for Scientific Credibility
No Eden in Biosphere

Testing an Ancient Impact’s Punch
Searching for the Tracks of Impact in Mexican Sand

Taking a First Look at a Tyrosine Phosphatase

Slow DNA Repair Implicated in Mutations Found in Tumors

AAAS Meeting: War of Words Continues in Violence Research

Quantum Physics: Heisenberg’s Heirs Exploit Loopholes in His Law

Crystal Structure of Human Protein Tyrosine Phosphatase 1B
D. Barford, A. J. Flint, N. K. Tonks

The 2.9 Å Crystal Structure of T. thermophilus Seryl-tRNA Synthetase Complexed with tRNA*ser
V. Biou, A. Yaremchuk, M. Tukalo, S. Cusack

Miraculous Astronomy • Neuroscientists Band to Study Dyslexia • Hopping to Extinction • Keeping Russian Science Afloat

Wrinkles in Time and Ripples in the Cosmos, reviewed by W. H. Press • Biological Basis of Substance Abuse, E. M. Unterwald • Women in Science: Some Books of the Year • Vignettes • Books Received
This year’s “Women in Science” issue compares the position of female researchers in national cultures around the world—and finds many surprises. For example, women are proportionally better represented in science in Turkey than they are in the United States. The reasons for such startling disparities are discussed in a special news section beginning on page 1467. Policy Forums on women in science appear on pages 1389 and 1392 and a bibliographic update on page 1458. [Photo: NASA; Photolucidation: Tracey Keaton Drew]
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