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Newsletter for June 20, 2006

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ANNOUNCEMENTS

In Recent Science News . . .

Factors Influencing Invasive Fish Prosperity

In the June 2006 issue of *BioScience*, Peter Moyle and Michael Marchetti report on using freshwater fish data collected in California to model the success factors of potential invasive fish species. The researchers found no set of characteristics that predicted success for all fish invasions. It was possible, however, to determine five factors that would best predict invasion success, namely: (a) a history of successful establishment outside the species' native range; (b) characters that promote success at multiple stages of the invasion process (e.g., high physiological tolerance); (c) invaded habitat that more or less matches the alien's native habitat; (d) high fish species richness, including other alien fishes; and (e) propagule size exceeding 100 individuals. The researchers reported that a wide variety of characteristics, often confined to a particular set of species or environments, proved to be important decision variables. [Read the full article \(requires CU connection\) >>](#)

AIBS Public Policy Report for June 19, 2006

- NSF, STEM education and workforce legislation moves forward in the House
- CNSF reception showcases science on Capitol Hill
- House Science Committee passes NOAA authorization
- Representative Matsui joins House Science Committee
- Student loan interest rates set to increase July 1st
- Heritage Health Index reports on US natural science collections at NSC Alliance annual meeting
- New in BioScience: "NSF's New Strategic Plan"
- From the Federal Register
- Now available: AIBS Congressional Directory

[Read the full text >>](#)

NEW GRANT AND PROJECT OPPORTUNITIES

[Browse Complete RFP Listings >>](#)

New

- [Toyota: Environmental Activities Grant Program](#) (Jun 22, Jul 6)
- [Joint Oceanographic Institutions: Regional Cable Observatory](#) (Jun 30)
- [Doris Duke/NCSE: Wildlife Habitat Policy Research Program](#) (Jul 10)
- [NYS Tug Hill Commission: Black River Watershed Plan](#) (Jul 14)
- [NYS Tug Hill Commission: Sandy Creeks Ecosystem Management](#) (Jul 14)
- [Earthwatch Institute: Field-based Research Grants](#) (Jul 15)
- [The National Academies: Postdoc & Senior Research Associateship Programs](#) (Aug 1)
- [NSF: Chemical Oceanography](#) (Aug 15)
- [National Fish & Wildlife Foundation/Walmart: Acres for America Initiative](#) (Sep 1)
- [NIH: Pharmacogenetics of Flouride](#) (Sep 15)
- [NSF: Developing Global Scientists & Engineers \(Student Funding\)](#) (Sep 15)

No Deadline

- [NSF: Environmental Molecular Sciences](#)

Deadlines in June

- [NIH/NIOSH/CDC: Int'l Training & Research in Envir. & Occupational Health \(ITREOH\)](#) (Jun 22)
- [NSF: Research Coordination Networks in Biological Sciences \(RCN\)](#) (Jun 26)
- [Nat'l Marine Fisheries Service: Lobster Shell Disease Research](#) (Jun 28)
- [EPA: Great Lakes Remedial Action & Public Forum Coordination](#) (Jun 29)
- [Lake Champlain Basin Program: Watershed Restoration Projects](#) (Jun 30)
- [Northern Nut Growers Association \(NNGA\): Research Grants](#) (Jun 30)
- [Sea Grant: American Fisheries Society Fellowship](#) (Jun 30)

Deadlines in July

- [NATO: Security Through Science Program](#) (Jul 1)
- [NIH/NIEHS: Independent Scientist Award](#) (Jul 1)
- [NIOSH: Special Emphasis Research Career Award Program](#) (Jul 1)
- [NSF: Archaeology & Archaeometry](#) (Jul 1)
- [NSF: Physical Anthropology](#) (Jul 1)
- [NSF: Living Stock Collections \(LSC\)](#) (Jul 5)
- [NSF Population & Evolutionary Processes Cluster Grants](#) (Jul 9)
- [NSF: Ecological Biology Cluster Grants](#) (Jul 9)
- [NSF: Long Term Research in Environmental Biology \(LTREB\)](#) (Jul 9)
- [NSF: Opportunities for Promoting Understanding through Synthesis \(OPUS\)](#) (Jul 9)
- [NSF: Revisionary Syntheses in Systematics \(REVSYS\)](#) (Jul 9)

- [NSF: Biological Databases and Informatics \(BD&I\)](#) (Jul 10)
- [NSF: Coupling, Energetics, & Dynamics of Atmospheric Regions \(CEDAR\)](#) (Jul 10)
- [NSF: Behavioral Systems Cluster](#) (Jul 12)
- [NSF: Biomolecular Systems Cluster Grants](#) (Jul 12)
- [NSF: Cellular Systems Cluster](#) (Jul 12)
- [NSF: Developmental Systems Cluster](#) (Jul 12)
- [NSF: Functional & Regulatory Systems Cluster](#) (Jul 12)
- [NSF: Genes and Genome Systems Cluster](#) (Jul 12)
- [NSF: Grants To Broaden Participation in Bio Research](#) (Jul 12)
- [NSF: Quantitative Environmental and Integrative Biology \(QEIB\)](#) (Jul 12)
- [NSF: The Environmental & Structural Systems Cluster](#) (Jul 12)
- [Ame. Water Works: E. Coli and Total Coliform Measurement Research](#) (Jul 14)
- [NSF: Earth Sciences Research \(EAR\)](#) (Jul 16, Aug 17)
- [NSF: EarthScope Program Research](#) (Jul 16)
- [NSF: Geobiology and Low-Temperature Geochemistry](#) (Jul 16)
- [EPA Broad Agency Announcement \(BAA\): Conference Funds](#) (Jul 17)
- [NSF: Faculty Early Career Development - Environmental Sciences](#) (Jul 18)
- [NSF: Faculty Early Career Development - Ocean Sciences](#) (Jul 20)
- [EPA/NCER: Cooperative Training in Aquatic Toxicology & Ecosystems](#) (Jul 25)
- [NOAA/NCEP: Climate Test Bed \(CTB\)](#) (Jul 25)
- [NSF: Biological Research Collections \(BRC\)](#) (Jul 28)
- [Smithsonian Tropical Research Institute: Visiting Researchers](#) (Jul 28)
- [Health Effects Institute: Diesel Exhaust Exposure & Chronic Inhalation Bioassay](#) (Jul 31, Sep 12)
- [NSF: Biological Physics \(BP\)](#) (Jul 31)

Deadlines in August

- [Fulbright: U.S.-Canada Student Scholars](#) (Aug 1)
- [Fulbright: U.S.-Canada Visiting Research Chairs Program](#) (Aug 1)
- [National Academies: Research Associateship Programs \(RAP\)](#) (Aug 1)
- [NSF: Earth MARGINS Program](#) (Aug 1)
- [NSF: Science & Society \(S&S\) Grants, Conferences, & Scholarship Support](#) (Aug 1)
- [Trans-NIH Consortium \(BECON\): Bioengineering Nanotechnology \(STTR\)](#) (Aug 1)
- [EPA STAR: Effects of Hormones in Waste from Concentrated Animal Feeding \(CAFOS\)](#) (Aug 9)
- [Joyce Foundation: Environment Grants](#) (Aug 15)
- [Lincoln Institute of Land Policy: David C. Lincoln Fellowships in Land Value Taxation](#) (Aug 15)
- [MacArthur Foundation: Conservation & Sustainable Development](#) (Aug 15)
- [NSF: Biological Oceanography Grants](#) (Aug 15)
- [NSF: Geoscience - Marine Geology & Geophysics](#) (Aug 15)
- [Smithsonian Tropical Research Institute: Short-Term Fellowships](#) (Aug 15)
- [NSF: Economics Program Grants](#) (Aug 18)

- [NIH: Molecular Probes for Microscopy of Cells](#) (Aug 29)

Deadlines in September

- [Bay and Paul Foundations: Biodiversity Leadership Award](#) (Sep 1)
- [Munson Foundation Grants](#) (Sep 1)
- [Tinker Foundation Institutional Grants](#) (Sep 1)

SELECT SEMINARS AND CAMPUS EVENTS

Workshop Session

Co-sponsored by the Einaudi Center and the Polson Institute and co-hosted by the Dept. of Development Sociology, the Institute for Resource Information Sciences (IRIS), and the Dept. of Crop and Soil Sciences

Guest speaker

Haroldo Torres, Center for Metropolitan Studies, San Paulo, Brazil

"A Spatial Perspective for Public Policy and Education"

300 Rice Hall, Monday, June 26 from 2 - 5:30 PM

For further information: email [John Sydenstricker-Neto](mailto:John.Sydenstricker-Neto@cornell.edu) at jms56@cornell.edu

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