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Newsletter for January 30, 2007

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ANNOUNCEMENTS

Repeat Announcement: 2007 Jill and Ken Iscol Distinguished Environmental Lecturer Announced

Dr. Jane Lubchenco, the Wayne and Gladys Valley Professor of Marine Biology and Distinguished Professor of Zoology at Oregon State University, has been selected as the 2007 Iscol Lecturer. The Iscol Lecture will be held on the Cornell campus on Monday, April 23, 2007.

Dr. Lubchenco is an environmental scientist and marine ecologist who is actively engaged in teaching, research, synthesis and communication of scientific knowledge. She grew up in Colorado, received her Ph.D. and taught at Harvard University, then 28 years ago moved to Oregon State University. Her expertise includes ocean ecosystems and the human/environment nexus - biodiversity, climate change, sustainability science, ecosystem services, marine reserves, coastal marine ecosystems, the state of the oceans and of the planet.

[Iscol Lecture page >>](#)

In Recent Science News . . . Mercury Contamination

A team led by Charles Driscoll (Syracuse University) studied atmospheric mercury deposition in Eastern North America. The mercury species due to direct emissions and reemissions of anthropogenic sources have variable atmospheric residence times, which influence their atmospheric transport and deposition patterns. High concentrations of mercury were observed in freshwater biota of forested regions. Through fish consumption, humans and wildlife are exposed to methylmercury, which markedly bioaccumulates up the freshwater food chain. Mercury concentrations in yellow perch fillets and piscivorous wildlife are high enough to cause adverse behavioral, physiological, and reproductive effects.

[Read the full text \(pdf file through Cornell Library\) >>](#)

In Recent Science News . . . Endangered Fish Species Recovery

In the past 100 years, 27 species of North America fish have become extinct. A total of 149 fish species and distinct populations are currently under federal government protection provided by the US Endangered Species Act, and many have been listed for decades. However, Mark Bain, Cornell University, Natural Resources Department and Director of the Center for the Environment, and his colleagues reported that the population of shortnose sturgeon, which lives in large rivers and estuaries along the Atlantic coast of North America, has increased by more

than 400 percent in the Hudson River since the 1970s. This analysis demonstrates that even in a human dominated ecosystem associated with one of the world's largest and most prominent cities, public efforts for endangered species conservation can work, and will result in recovery.

[Read the full article \(may require CU connection\) >>](#)

NEW GRANT AND PROJECT OPPORTUNITIES

[Browse Complete RFP Listings >>](#)

New

- [USDA: Scientific Cooperation Research Program with China](#) (Mar 02)
- [New York State Wildlife Grants Program](#) (Mar 31)
- [NSF: Cellular and Biomolecular Engineering](#) (Apr 30)

Deadlines in January

- [Health Effects Institute: Health Effects of Air Pollution](#) (Jan 31)
- [National Fish and Wildlife Foundation: Coral Reef Conservation Fund](#) (Jan 31)
- [Health Effects Institute: Pilot Studies for Junior Investigators](#) (Jan 31)
- [U.S. Fish and Wildlife Service: Coastal Program - Great Lakes](#) (Jan 31)

Deadlines in February

- [National Academies: Postdoc & Senior Research Associateships](#) (Feb 01)
- [American Ornithologists' Union: Funding Awards](#) (Feb 01)
- [Mt. Desert Island Bio Lab, Maine \(MDIBL\): Research Awards](#) (Feb 01)
- [Harvard Forest: Mid-Career Bullard Fellowships in Forest Research](#) (Feb 01)
- [National Academies: Research Associateship Programs \(RAP\)](#) (Feb 01)
- [NIH: Small Research Grants](#) (Feb 01)
- [NIH: Metals in Medicine](#) (Feb 01)
- [NIH: Independent Scientist Award](#) (Feb 01)
- [American Orchid Society: Masters Scholarships](#) (Feb 01)
- [NIH: Microbiology Program](#) (Feb 01)
- [Marine Biological Laboratory: Summer Course Scholarships](#) (Feb 01)
- [Oak Ridge Institute: Global Change Education Program](#) (Feb 05)
- [NSF: Materials Use in Science, Engineering, and Society](#) (Feb 07)
- [Pymatuning Laboratory: Darbaker & McKinley Prizes in Botany & Ecology](#) (Feb 07)
- [NSF: Emerging Models and Technologies for Computation](#) (Feb 14)
- [USDA: Agricultural Prosperity for Small & Medium-Sized Farms NRI](#) (Feb 14)
- [NSF: Biological Oceanography](#) (Feb 15)
- [NSF: Marine Geology and Geophysics](#) (Feb 15)
- [NSF: Chemical Oceanography](#) - (Feb 15)
- [Smithsonian Tropical Research Institute: Short-Term Fellowships](#) (Feb 15)
- [Padi Foundation: Underwater Science, Environmental Projects](#) (Feb 15)
- [NSF: Developing Global Scientists & Engineers](#) (Feb 15)
- [NSF: Geoscience - Marine Geology & Geophysics](#) (Feb 15)

- [NSF: Chemical Oceanography](#) (Feb 15)
- [NSF: Civil, Mechanical and Manufacturing Innovation \(CMMI\)](#) (Feb 15)
- [Purple Martin Conservation Association: Research and Conservation Grants](#) (Feb 15)
- [NSF Geosciences: Ridge Interdisciplinary Global Experiments Program](#) (Feb 15)
- [Biotechnology Risk Assessment Research Grants Program](#) (Feb 15)
- [Cornell CALS: Graduate Fellowships](#) (Feb 16)
- [Sea Grant: Fellowships in Population Dynamics & Marine Resource Economics](#) (Feb 16)
- [Sea Grant: Population Dynamics & Marine Resource Economics Grad Fellowship](#) (Feb 16)
- [NSF: International Planning Visits & Workshops](#) (Feb 20)
- [Udall Foundation: Dissertation Fellowships in Environmental Policy](#) (Feb 21)
- [Hudson River Foundation: Polgar Fellowship](#) (Feb 26)
- [EPA: Sources and Atmospheric Formation of Organic Particulate Matter](#) (Feb 27)
- [NSF: Partnerships for International Research and Education](#) (Feb 28)
- [Resources for the Future: John V. Krutella Research Stipend](#) (Feb 28)
- [Long Island Sound Study: Enhancement Grant Program](#) (Feb 28)

Deadlines in March

- [Great Lakes Commission: Basin Program for Soil Erosion & Sediment Control](#) (Mar 01)
- [Marine Biological Laboratory: NASA Planetary Biology Internship](#) (Mar 01)
- [McCloy Fellowships in Environmental Affairs](#) (Mar 01)
- [NYSG/HRNERR: Cooperative Research Fellowship Program](#) (Mar 02)
- [NSF / CSREES Microbial Genome Sequencing Grants](#) (Mar 08)
- [National Fish & Wildlife Foundation: Five-Star Restoration Grants](#) (Mar 09)
- [Nat'l Fish & Wildlife Foundation \(NFWF\): 5-star Restoration Challenge Grants](#) (Mar 09)
- [MacArthur Foundation: Conservation & Sustainable Development](#) (Mar 15)
- [American Museum of Natural History: Grad & Post-Doc Grants](#) (Mar 15)
- [Mount Desert Island Laboratory: New Investigators](#) (Mar 15)
- [American Philosophical Society: Lewis and Clark Fund for Exploration and Field Research](#) (Mar 15)
- [UVA Mountain Lake Biological Station Summer Graduate Fellowships](#) (Mar 15)
- [NSF: Earth Sciences, Instrumentation & Facilities](#) (Mar 20)
- [EPA: Disappearing Diporeia in the Great Lakes](#) (Mar 22)
- [CU Sigma Xi: Graduate Student Grants](#) (Mar 30)
- [Great Lakes Commission: Ratza Scholarship](#) (Mar 31)

Deadlines in April

- [National Fish & Wildlife Foundation/Walmart: Acres for America Initiative](#) (Apr 01)
- [Lincoln Institute of Land Policy: Research Fellowships in Planning and Development](#) (Apr 01)
- [NIH Manufacturing-related Biomedical Research SBIR/STTR Grants](#) (Apr 01)
- [Trans-NIH Consortium \(BECON\): Bioengineering Nanotechnology \(STTR\)](#) (Apr 01)
- [Los Alamos National Laboratory: Graduate Research Assistant \(GRA\)](#) (Apr 01)
- [William P. Wharton Trust](#) (Apr 01)
- [NSF: Integrated Grad Education & Research Training \(IGERT\)](#) (Apr 05)

- [Sea Grant/NOAA: Knauss Marine Policy Fellowship](#) (Apr 05)
- [Munson Foundation Grants](#) (Apr 07)
- [Earthwatch Institute: Field-based Research Grants](#) (Apr 15)
- [National Fish and Wildlife Foundation: Budweiser Conservation Scholarship](#) (Apr 16)
- [NIH: Collaborations with Nat'l Ctrs of Biomedical Computing](#) (Apr 19)
- [Hudson River Foundation: Graduate Fellowships](#) (Apr 23)

SELECT SEMINARS AND CAMPUS EVENTS

Chemical and Biomolecular Engineering Seminar: 4 PM Monday, February 5, 165 Olin Hall

"Atmospheric Chemistry of Environmental Interfaces"

V. Faye McNeill, University of Washington

Further information: Janice McBride at jlm10@cornell.edu

Mondays

- **Horticulture Seminars:** 11:15 AM Mondays in Whetzel Room, Plant Science 404 - [Online Schedule](#)
- **Biochemistry, Molecular and Cell Biology Seminars:** 12:20 PM Mondays in G-O1 Biotechnology Building - [Online Schedule](#)
- **Ecology and Evolutionary Biology Seminars:** 12:30 PM Mondays in A106 Corson Hall, Morison Seminar Room - [Online Schedule](#)
- **Entomology Seminars:** 3:30 PM Mondays in Corson-Mudd Auditorium - [Online Schedule](#)
- **Laboratory of Ornithology Seminars:** 7:30 PM Mondays in the Lab of Ornithology Auditorium - [Online Schedule](#)

Tuesdays

- **Plant Breeding and Genetics Seminars:** 12:20 PM Tuesdays in 135 Emerson Hall - [Online Schedule](#)
- **Natural Resources Seminars:** 3:30 PM Tuesdays in 304 Fernow Hall - [Online Schedule](#)
- **Biomedical Sciences Seminars:** 4:00 PM Tuesdays in Lecture Hall III, Veterinary Research Tower - [Online Schedule](#)

Wednesdays

- **Genetics and Development:** 12:20 PM Wednesdays in GO1 Biotechnology Building - [Online Schedule](#)
- **CIIFAD Seminars:** 12:20 PM Wednesdays in 135 Emerson Hall - [Online Schedule](#)
- **Earth and Atmospheric Sciences Seminars:** 3:30 PM Wednesdays in 2146 Snee Hall or 1102 Bradfield Hall - [Online Schedule](#)
- **Biophysics Colloquia:** 4:30 PM Wednesdays in 700 Clark Hall - [Online Schedule](#)

Thursdays

- **Crop and Soil Sciences Seminars:** 12:20 PM Thursdays in 135 Emerson Hall - [Online](#)

[Schedule](#)

- **Civil and Environmental Engineering Seminars:** 4:30 PM Thursdays in 366 Hollister Hall - [Online Schedule](#)

Fridays

- **Biogeochemistry and Environmental Biocomplexity Seminars:** 4:00 PM Fridays Morison Room, Corson Hall - [Online Schedule](#)
- **Molecular Biology and Genetics Seminars:** 4:00 PM Fridays in G10 Biotechnology Building - [Online Schedule](#)

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