

Sean Patrick Fox

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Professional Preparation

Grinnell College	Physics	B.A., 1991
Oregon State University	Physics	M.S., 1993

Appointments

2002	Engineer, Science Education Resource Center
1995-2001	Academic Computing Coordinator, Carleton College

Related Publications

Manduca, C.A., Fox S., 2003, Starting Point: Linking Pedagogy, Resources and Community Interaction to Support Entry-Level Undergraduate Geoscience Education, *NSDL All Projects Meeting Abstracts*, Oct 2003.

Manduca, C.A., Fox S., 2003, Displaying Resources in Context: Using Digital Libraries to Support Changes in Undergraduate Education, *Proceedings of the 2003 Joint Conference on Digital Libraries (JCDL)* May 2003, edited by Catherine C. Marshall, Geneva Henry, and Lois Delcambre. Los Alamitos, CA: Institute of Electrical and Electronics Engineers, Inc., p. 391.

Other Publications

Fox S., Jansen H., *Total energy of trigonal and tetragonal cobalt*, Physical Review B, v. 60, p. 4397-4400, 1999.

Fox S., Jansen H., *Structural and magnetic properties of trigonal iron*, Physical Review B, v. 53, p. 5119-5122, 1996.

Synergistic Activities

1. Key community participant in the technical development of the Digital Library for Earth System Education. This includes being an external member of the DLESE Catalog System development team, and an invited participant in both the DLESE Metadata workshop (March 2004) and the DLESE Developers Workshop (February 2003).
2. Member of NSDL Technology Standing committee including participation in the meetings held in conjunction with JCDL (May 2003) and NSDL all projects meetings in 2002 and 2003.
3. Consultant to the Society of Integrative and Comparative Biology in their initial planning of an educational digital library. December 2003
4. Web consultant to Research Links 2000 (<http://www.cur.org/reslink2000.html>). (NSF DUE-9896223). Developed initial web page templates and worked with the authors of the research systems at both 1998 and 1999 meetings to create their web sites.
5. Worked with faculty in the Summer 2000 ACM *Teaching with Technology Across the Liberal Arts* workshop (<http://web.grinnell.edu/imts/ttala/>) to develop a web course module (<http://www.acad.carleton.edu/curricular/BIOL/classes/bio123/recdna/>).