

## **David T. Sobel**

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### **Education**

1972 M. Ed. Elementary Education and Child Development, The Prospect School Teacher Training Program, North Bennington, VT and Antioch New England Graduate School, Keene, NH.

1971 B.A. English  
Williams College, Williamstown, MA ,Graduated Magna Cum Laude.  
Elected to Phi Beta Kappa

### **Professional Experience**

**Director**, Teacher Certification Programs 1997 to present  
Education Department

**Director**, Center for Place-based Education  
Antioch New England Graduate School

Program director for teacher preparation programs. Co-director of CO-SEED, the Community Based School Environmental Education program--an initiative to create place-based education in New England schools and communities. (Supported by grants and contracts totaling approximately \$400,000/yr.) CEE works to integrate developmentally appropriate environmental education into all aspects of K-12 education.

**Chairperson**, Education Department 1983 to 1997  
Antioch New England Graduate School  
Responsibilities included directing and managing a graduate education program for 175 Master's Degree candidates with concentrations in the Integrated Day approach,

Waldorf Education, Science and Environmental Education, Critical Skills and Professional Development.

Major tasks include budget development and management, writing and administering grant programs, hiring faculty, program development, recruitment, internship development and student advising. Courses taught include Human Development, Conceptual Development and Learning Theory, Curriculum Theory, Education in a Social and Political Context, Problem-Solving Science for the Elementary Classroom, Environmental Interpretation, Teaching Controversial Issues, and Ecology of Imagination in Childhood.

**Project Director**

1982-1987

Know Nukes Institute: A Training Program for Northern New England Secondary School Teachers

Responsibilities included coordination of a U.S. Department of Energy grant project (\$27,000) and two National Science Foundation grant projects (\$68,000 & \$90,000) to educate teachers to introduce the nuclear power controversy in secondary school curriculum. Numerous teacher workshops and conference presentations in relation to nuclear power and controversial issues education.

**Core Faculty, Education & Environmental Studies**  
Antioch New England Graduate School

1977 - 1986

Responsibilities included teaching courses, internship supervision and student advising. Additional courses taught included Nature Writing, Mathematics Curriculum in the Elementary School, Cape Cod Study Trip, Introduction to Teaching, Winter Field Ecology, Environmental Education and Philosophy of Education.

**Curriculum Coordinator**

1980-1983

Yankee Lands: A Land Use Curriculum Project

Responsibilities included teacher training, curriculum design and production, dissemination of curriculum material developed from the Office of Environmental Education grant (\$90,000). The project focused on the development of a land use curriculum for New England secondary school teachers.

**Co-founder, Director, Teacher**

1972-1975

The Harrisville School, Harrisville, NH

Responsibilities included all facets of teaching and administration. The school served children ages three through eight and was contracted by the Town of Harrisville to provide a public kindergarten program.

## **Selected Presentations and Consultations**

July 07 General Henry Knox Museum, Summer Teacher Institute, Workshop: *Mapmaking with Children*, Thomaston, Maine.

July 07 Boston Society of Architects, Learning by Design Summer Institute, Keynote Lecture: *The Ecology of Imagination in Childhood*, Boston, Massachusetts.

July 07 Thomas H. Wright Lecture at the Sarah Lawrence College Child Development Institute's 2007 Empowering Teachers Summer Institute, Bronxville, New York.

July 07 Vermont Folklife Center, Discovering Community Summer Institute, Lecture: *Place-based Education*, Vermont Technical College, Randolph, Vermont.

May 07 Project Wild International Conference, Keynote Lecture: *The Promise of Place: Research from the Field*. East Madison, New Hampshire.

April 07 Touchstone School, Richard A Zajchowski Education Forum, Lecture: *Connecting Children and Community: Mining the Treasures of Place*. Also Community Lecture and Teacher Planning Session, Grafton, Massachusetts.

April 07 Council of Chief State School Officers, Secondary School Redesign Meeting, Content Expert, Austin, Texas.

March 07 Promise of Place Conference, Lecture: *Children and Nature Design Principles*, Fairlee, Vermont.

March 07 Tracy Aviary, Staff Workshop: *Developmental Approaches to Bird Education*, Salt Lake City, Utah.

February and April 07 Great Lakes Fisheries Trust, Place-based Education Initiative, Consultant on RFP Development and Program Launch, Detroit and Lansing, Michigan.

February 07 Association of New Jersey Environmental Educators, Annual Conference, Keynote Lecture: *The Promise of Place: Research from the Field*, Princeton, New Jersey.

November 06 and February 07 *Last Child in the Woods Book Group and Lecture*, Harris Center for Conservation Education and Hancock Public Library, Hancock, New Hampshire.

November 06 Keynote Lecture, *Place-based Education and the Corporate Lands for Learning Program*, Wildlife Habitat Council Annual Symposium, Baltimore, Maryland.

November 06, Keynote, *Place-based Education and Academic Achievement*, Wellborn Ecology Fair, Fairlee, Vermont.

October 06, National Park Service Evaluation and Interpretation Summit, Panel presentation on *Evaluation and Place-based Education*, University of Denver, Denver, Colorado.

July 06 Vermont Folklife Center, Discovering Community Summer Institute, Lecture: *Place-based Education*, Vermont Technical College, Randolph, Vermont.

March 06, *Place-based Education lecture and Mapmaking with Children workshop*, Bellarmine University, Louisville, Kentucky.

February 06, *Sense of Place Education for the Elementary Years*, Utah Society of Environmental Educators, Salt Lake City Public Library, and *Developmental Principles in Interpretive Programming*, Tracy Aviary, Salt Lake City, Utah.  
October 2005, *Going Outdoors Celebration Lecture*, Community Foundation of Southeastern Michigan, Closing Talk for Grantees Award Ceremony, Detroit, Michigan.

September, 2005 *The Promise of Place*, Tennessee Environmental Education Conference, Johnson City, Tennessee.

June, 2005 *Growing Up in Keene 100 Years Ago*, Horatio Colony House Museum Lecture Series, Keene, New Hampshire.

March, 2005 *Place-based Education in the Monadnock Region*, Community Lecture Series, Antioch New England Graduate School, Keene, New Hampshire

February, 2005 *Preserving the Nature of Childhood, Place-based Education and Children and Nature Design Principles*, two Keynote Lectures and two Teacher Workshops, Southwest Waldorf Teacher's Conference, Shining Mountain Waldorf School, Boulder, Colorado.

November, 2004, *Learning from the Land*, Invited Lecture and consultation with national staff of Learning Grounds program, Evergreen Foundation, Toronto, Ontario.

October, 2004, *Swimming the Watershed*, Guided Adventure, New England Environmental Education Conference, Breadloaf Conference Center, Ripton, Vermont

April 2004, *Developing Children's Sense of Place*, Invited Lecture and Staff Consultation, Minnetrista Cultural Center, Muncie, Indiana.

March 2004, *Mapping the Streams of Home*, Keynote Address, Promise of Place in the Northern Forest Conference, Bethel, Maine.

February 2004, *Preserving the Nature of Childhood*, First Annual Lecture in Living Lightly on the Earth Speaker Series, Cincinnati Nature Center, Cincinnati, Ohio.

July 2003, *The Impact of Schoolyards on Children's Lives*, Transforming School Grounds Workshop, Portland Trails, Portland, Maine

May 2003, *Bittersweet: Living with Dying in Mind*, Commencement Address, Antioch New England Graduate School, Keene, New Hampshire.

April 2003, *Staff Consultation and Teacher Workshop*, GEO-Kids Program, Wagner Free Science Institute and St Joseph's University, Philadelphia.

March 2003 and October 2002, *Keynote Presentations*, Great Outdoors Grant Program, Community Foundation of Southeastern Michigan, Detroit.

November 2002, *Standing Strong in My Rightful Place*, Keynote Address for Utah Society of Environmental Educators, Salt Lake City.

October 2002, *Teacher Workshop and Sustainable Design Charette*, Cincinnati Waldorf School, Cincinnati, OH.

May 2002, *The Power of Place*, Keynote Address for the Vermont Rural Partnership conference, Johnson, VT.

February 2002, *An Overview of Place-based Education*, Seminar for the National Leadership Council of the National Park Service, Washington, DC.

October 2001 *Keynote Address, and Mapmaking Workshop*, Midwest Environmental Educators' Conference, Kenosha, WI.

April 2001, *The CO-SEED Program*, Connecting School and Community through Place-based Education: A Seminar for Education and Environment Funders, Essex, MA

November 2000, *Out Behind Taco Bell: Community-based Environmental Education*, Keynote address for the Missouri Environmental Education conference, Lake of the Ozarks, MO.

August, 2000 *Back to the Land: A Family Adventure* and *The Ecology of Imagination: A Workshop for Teachers*, Puget Sound Environmental Learning Center, Bainbridge Island, Washington.

April, 2000 *Consultant for Staff Evaluation of Mobile Nature Center*, Connecticut Audubon Society, Hartford, Connecticut.

March, 2000, *Guest Faculty, San Juan Writers Workshop*, Canyonlands Field Institute, Bluff, Utah.

November, 1999 *Community-based Education and School Change*, briefing for Associated Grantmaker's of Massachusetts and Funder's Forum on Environmental Education, Boston, MA.

November 1999 *Developmental Perspectives on Place-Based Education*, guest lecture for The Watershed of the Black River class, Oberlin College, Oberlin, OH.

October, 1999 *Take Back the Afternoon: Dealing with the Loss of Children's Nature Experience*, Keynote Address, National Association of Interpretation conference, Syracuse, NY.

June, 1999 Distinguished Collegium Chair, Orion Society's Fire and Grit Conference, National Conservation Training Center, Shepardston, WV.

May, 1999, *Strengthening Schools and Their Communities*, featured presentation, Northeast Regional Challenge Conference, Bethel, ME.

April, 1999, *The Preservation of Childhood*, Evening Lecture Series, Cape Ann Waldorf School, Beverly Farms,

February, 1999, *Beyond Ecophobia*, Keynote Address for the Oklahoma Environmental Education Expo, Oklahoma State University, Stillwater, OK.

November 1998, *Children's Special Places: Cross Cultural Studies*, Secret Places of Childhood Symposium, University of Michigan, Ann Arbor, MI.

September 1998, *Swimming the Watershed: An Experiential Workshop*, New England Environmental Educator's Conference, Ripton, VT.

August 1998, Featured Speaker, Aldo Leopold Advanced Seminar, Leopold Education Project, Baraboo, WI.

July 1998, *Developmental Perspectives on Place-Based Education*, Teaching Place Institute, Monadnock Institute for the Study of Nature, Place and Culture, Franklin Pierce College, Rindge, NH.

May 1998, *The Preservation of Childhood*, Upper Valley Waldorf School spring conference, Queechee, VT.

April, 1998. *Reclaiming the Heart in Nature Education*, Keynote Address, Environmental Education Council of Ohio, Columbus, OH.

October 1997, *Reclaiming the Heart in Outdoor Education*, Keynote address for New York State Outdoor Educator's conference, Catskill, NY.

August 1997, *Ecoliteracy: Mapping the Terrain*. Invited consultant for summer institute, Center for Ecoliteracy, St Helena, CA.

July 1997, *Environmental Education and the Arts*, Featured speaker at the HOT Schools Conference, Connecticut Commission on the Arts, Hartford, CT.

May 1997, *Sense of Place Education for the Elementary Years*, Featured speaker at the Coming Home: Developing a Sense of Place in our Communities and Schools conference, Roger Tory Peterson Institute, Jamestown, NY

January 1997 *Developing and Promoting Caring attitudes Toward the Natural World*,. Consultant for the Chicago Zoological Society/Minnesota Zoo Planning Charette. Brookfield, IL.

November 1996 *Reclaiming the Heart in Nature Education*, Keynote address for YMCA North American Consultation on Environmental Education, Orillia, Ontario.

November 1996 *Windows of Learning Opportunity--Critical Periods and Elementary Curriculum*, Marion Cross School Parent Teacher Lecture Series, Norwich, VT.

May 1996 *Cooperative Learning and Developmental Curriculum*, Teacher Workshop for the Blue Valley School, San Jose, Costa Rica

March 1996 *Ecoliteracy or Ecophobia: Developing a Sense of Place in Childhood*, Teacher workshop for the Center for Creative Education, Monteverde, Costa Rica

September 1995 *The Sources of Hope in Environmental Education*, Symposium panel member at the North American Alliance for Environmental Education annual conference, Portland, ME.

June 1995, *Developmental Guidelines for Educational Computing*, Presentation at the Computers in Education symposium, Center for Ecoliteracy, Berkeley, CA.

January 1994--November 1995 Science Curriculum Consultant for the Claremont, NH School District. Facilitator of the K-8 Science Curriculum Revision Team.

October 1993 *Ecology of Imagination in Childhood*, Teacher Workshop for the Albany Area BOCES, Schenectady, NY.

July 1992 *Designing Teacher Workshops: A Simulation*, National Park Service Training Course, North Atlantic Region, Springfield Armory Historical Site, Springfield, Massachusetts.

June 1992 *Developmentally Appropriate Environmental Education*, Keynote address at the Environmental Learning for the Future program annual meeting, Vermont Institute of Natural Science, Woodstock, VT.

March 1992 *Schoolyard Maps and Mapmaking*, Project HOME, New Hampshire Fish and Game Department, Concord, NH.



March-May 1991 Science Curriculum Consultant for the Hinsdale, NH School district.

June 1990 *Evolving a Sense of Place*, Lecture and slide presentation, Brattleboro Museum and Art Center, Brattleboro, VT.

March 1990 *The Wonderwall*, Exhibit Development, Monadnock Children's Museum, Keene, NH

May 1989 *Buried Treasure in Libraries*, Presentation at the 100th Anniversary Conference of the New Hampshire Librarians Association, Manchester, NH.

July 1988 *Visions for the Future of Environmental Education*, Presentation at the New England Environmental Administrator's Conference, York, ME.

May 1983 Interpretive Training Consultant, Blue Ridge Parkway, National Park Service. Focus on communication skills, interpretive planning and interpretive theatre.

October 1982 *The Nuclear Physics of Personal Decisions*, Keynote address at the New England Environmental Education Conference, Warwick, RI.

June 1982&1983 Core Trainer, New England Interpretive Training Institute sponsored by the National Park Service, Massachusetts Department of Forests and Parks and Connecticut Department of Environmental Protection.

1978 - 1982 Study Trip Leader, Leadership of ecology study trips in White Mountain National Forest, NH, Okefenokee Swamp and Cumberland Island, GA, Suwanee River and Everglades National Park, FL.

## **Selected Professional Affiliations**

Grand Challenge 3: Cutting Edge STEM Content in K-12 Classrooms, University of New Hampshire NSF project Advisory Board, 2007.

Doctoral Committee for Science Education Doctoral student at University of New Hampshire, 2006-present.

Ashuelot Valley Ecological Observatory, Keene, NH, Board of Directors, 2006-present.

Place-based Education Initiative in Michigan Advisory Board, Great Lakes Fisheries Trust, Lansing, Michigan, 2006 to present.

Four Corners Outdoor Education Center, NSF project Advisory Board, 2003-present.  
Orion Magazine, Field Correspondent, 2000-2006.

Harrisville, NH School District, School Board member, 1993-1996

Encounter, Editorial Board, 1992-present

The Teacher's Lab Inc., Brattleboro, VT, Advisory Board, 1987-1994

Society for the Protection of New Hampshire Forests, Education Committee, 1992-94

Monadnock Children's Museum, Founding Board Member, 1987-1989

Monadnock Media, Shutesbury, MA, Advisory Board, 1987-1990

Nelson, NH School District School, School board member, 1977-1983

Marine Extension Education Program, UNH Sea Grant Advisory Board, 1982-1983

Hitchcock Center for the Environment, Amherst, MA , Advisory Board, 1981-1982

Children's Performing Arts Center, Keene, NH, Board of Directors, 1982-1983

New England Environmental Education Alliance, Board of Directors, 1980-1982

## **Publications List**

*Teaching with Nature: Inspiration for Educators*, Stenhouse Publishers, Portland, Maine, (to be published late 2007).

*Place-based Teacher Education in Place-based Education in the Global Age*, ed. G. Smith and D. Gruenewald, Taylor and Francis, Boca Raton, Florida, 2007

*Island Play*, Island Journal, the annual publication of The Island Institute, Rockland, Maine, 2007.

*Three Great Indoor Forts*, Wondertime, Disney Publishing Worldwide, Northampton, MA, February/March 2007.

*Visiting Dreamland* in Exploring the Power of Solo, Silence and Solitude, edited by Clifford Knapp and Thomas Smith, Association for Experiential Education, Boulder, CO, 2005.

Forward to *Questing: Creating Community Treasure Hunts*, by Delia Clark and Steve Glazer, University of New England Press, Hanover, NH, 2004

*Beyond Academic Achievement*, Community Works Journal, Vermont Community Works, Burlington, Vermont, fall/winter, 2004.

*Moving in my Heart*, Orion, The Orion Society, Great Barrington, MA  
September/October, 2004.

*Book Review of Children and Nature: Psychological, Sociocultural and Evolutionary Investigations*, Environmental Values, Bath, England, September, 2004

*Book Review of Cal Poly Land: A Field Guide*, Orion, The Orion Society, Great Barrington, MA, July/August, 2004.

*Everyone Needs a Ditch*, Community Works Journal, Vermont Community Works, Burlington, Vermont, summer, 2004.

*Place-based Education: Connecting Classrooms and Communities*, Nature Literacy Monograph Series #4, The Orion Society, Great Barrington, MA, 2003.

*Assessing Ice*, in *Father Nature: Fathers as Guides to the Natural World*, edited by Paul Piper and Stan Tag, University of Iowa Press, Iowa City, 2003.

*A Time and a Place: Growing Up with the World Around us*, Forum, Funder's Forum on Environment and Education, San Francisco, CA, April, 2002.

*You Learn What You Eat, Cognition Meets Nutrition in Berkeley Schools*, Orion Afield, Volume V, #3, Orion Society, Great Barrington, MA, summer 2001.

*The Sky Above, the Internet Below*, Sanctuary, the Journal of the Massachusetts Audubon Society, Lincoln, MA., January/February, 2001.

*Saving Presents: The Re-emergence of Dreamtime and Playtime in Childhood*, Whole Terrain: Reflective Environmental Practice, Volume 9 , Antioch New England Graduate School, Keene, NH , 2000/2001.

*Otter Delight*, in *Stories From Where We Live—The North Atlantic Coast*, edited by Sara St. Antoine, Milkweed Editions, Minneapolis, MN, 2000

*Learning in the Landscape*, Northern Woodlands, Volume 7. No. 2, , Corinth, VT, summer, 2000

*Valley Quest: Educational Treasure Hunts*, Green Teacher, Issue #61, Toronto, ON, spring 2000.

*Mapping McCabe*, Forest Notes, No 224, Society for the Protection of New Hampshire Forests, Concord, NH, winter 1999-2000.

*Reintroducing Students into the Landscape: Connecting Curriculum and Community through Environmental Education*, Community Works Journal, Vol IV, #1, Vermont Community Works, Guilford, VT, fall 1999.

*Valley Quest: Strengthening Community through Regional Treasure Hunts*, Orion Afield, Volume III, #4, Orion Society, Great Barrington, MA, fall, 99.

*Border Crossings: A Review of Green Teacher and Clearing Magazines*, Orion Afield, Volume III, #2, Orion Society, Great Barrington, MA, spring, 99.

*Adult Memories of Children's Special Places*, chapter in *Built Environment Education in Art Education*, National Association of Art Educators, Washington, DC, 1999

*Sense of Place Education in the Elementary Years in It's About Community*, Proceedings of the 3rd Annual Advanced Seminar for the Leopold Education Project, St. Paul, MN, 1999

*Authentic Curriculum*, chapter in *Education, Information and Transformation*, edited by Jeff Kane, Prentice Hall, Upper Saddle River, NJ, 1998.

*Mapping our Home Ground*, interview in *Stonecrop*, a Natural History Book catalogue, Denver, CO, summer 1998.

*Mapmaking with Children: Sense of Place Education for the Elementary Years*, Heinemann, Portsmouth, NH, 1998.

*Mapmaking from the Inside Out: The Cartography of Childhood*, Orion Afield, Volume II, #1, Orion Society, Great Barrington, MA, winter 1997/98.

*When Should Kids Become Activists*, *Environmental Review*, Volume IV, #12, Seattle, WA, December, 1997.

*Sense of Place Education for the Elementary Years*, in *Coming Home: Developing a Sense of Place in our Communities and Schools*, Roger Tory Peterson Institute of Natural History, ed. Mark Baldwin, Jamestown, NY, 1997.

*Take Back the Afternoon*, *Northern Lights*, Northern Lights Research and Education Institute, Volume XII, #4, Missoula, MT, summer 1997

*Take Back the Afternoon: Preserving the Landscapes of Childhood In spite of Computers*, *Sanctuary*, the Journal of the Massachusetts Audubon Society, Lincoln, MA., May/June, 1997.

*Beyond Ecophobia: Reclaiming the Heart in Nature Education*, Nature Literacy Monograph Series #1, The Orion Society, Great Barrington, MA, 1996

*Beyond Ecophobia: Reclaiming the Heart in Nature Education*, Orion, The Myrin Institute, New York, autumn, 1995.

*Ecophobia*, *Earth Ethics*, Center for Respect of Life and Environment, Washington, DC, winter, 1995.

*Authentic Curriculum*, *Holistic Education Review*, Brandon, VT, summer 1994.  
*Suddenly a Waterfall*, *Connect: Hands on Science and Math Guide for K-8 Educators*, The Teacher's Laboratory, Brattleboro, VT, April, 1994.

*A Pocketful of Stones: Memories of Childhood*, Orion, The Myrin Institute, New York, spring 1993.

*Children, Television and the Life of the Imagination*, Holistic Education Review, Brandon, VT, summer, 1993.

*Children's Special Places: Exploring the Role of Forts, Dens and Bushhouses in Middle Childhood*, Zephyr Press, Tucson, AZ, 1992.

*A Mouthful of Flowers: Ecological and Spiritual Metaphors from Early Childhood*, Holistic Education Review, Brandon, VT, September 1991.

*An Interpretive Lunch: Mind over Manners*, Connect: Hands on Science and Math Guide for K-8 Educators, Teacher's Laboratory, Brattleboro, VT, April, 1991.  
*Iguana Hunt*, Sierra Magazine, San Francisco, November 1990.

*Making a Place in the World: Adult's Memories of Childhood Special Places*, Children's Environments Quarterly, New York, November 1990

*The Winter Sauna*, essay in The Monadnock Reader, Monadnock Writer's Group, Peterborough, NH, 1990.

*Providenciales, Gateway to the Turks and Caicos Islands*, full issue of Caribbean Treasures newsletter, Close Publications, Keene, NH April, 1990.

*Maps and Map-making with Children*. Connect : Hands On Science and Math Guide for K-8 Educators, The Teacher's Laboratory, Brattleboro, VT.  
(Author and editor of May 1989 issue of Connect. This issue received the Education Press Award Winner for Best Single Issue Newsletter, 1990.)

*Carriacou: Gem of the Grenadines*, full issue of Caribbean Treasures newsletter, Close Publications, Keene, NH, May/June, 1988.

*Know Nukes, Controversy in the Classroom*, co-author and editor, Antioch New England Graduate School, Keene, NH, 1986.

*Know Nukes: A Nuclear Power Issues Curriculum Guide*, editor, Antioch New England Graduate School, Keene, NH, 1982.

*Yankee Lands: A Land Use Curriculum Guide*, co-author, Antioch New England Graduate School, Keene, NH, 1980.

*Otter Delight*, Sanctuary, Massachusetts Audubon Society, Lincoln, MA,

January, 1982.

*In Search of Elusive Alpine Flora*, Sanctuary, Massachusetts Audubon Society, Lincoln, MA, July, 1980.

*Try to Remember*, Outlook, Mountainview Center for Environmental Education, Boulder, CO, autumn, 1977.

*Reflections from Odiorne Point and Earlier Days at the Seashore*. New Hampshire Audubon Quarterly, Audubon Society of New Hampshire, Concord, NH, autumn 1976.