

James H. Cook, PhD  
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**FOCUS** I specialize in preparation, presentation and defense of expert scientific and economic evidence.

## EXPERIENCE

**Research and Analysis** Researched and analyzed scientific and economic issues underlying complex antitrust, fraud and toxic-tort class and *qui tam* litigation, primarily involving the pharmaceutical and medical-device industries. Provided a wide range of support services to attorneys and other experts. Reviewed and analyzed large datasets (up to *ca.* 200 Gb, so far), such as transactional sales data from defendants and clients, state Medicaid claims data, and market-research data from IMS Health and other providers. Advised attorneys regarding data discovery and production, and assisted in depositions of corporate representatives and experts. Estimated damages. Identified and helped recruit other experts. Researched scientific background and developed policy options concerning various environmental issues, such as CFC emissions (Sen. Cowles) and renewable energy and sustainable waste management (Audubon).

**Writing and Editing** Wrote detailed analyses of scientific and economic issues underlying ongoing and potential toxic-tort, antitrust and fraud cases. Drafted and edited parts of briefs dealing with expert testimony and underlying scientific and economic issues. Wrote numerous papers, reports and presentations.

**Advocacy and Outreach** Addressed numerous workshops and conferences representing Audubon, primarily regarding ecological perspectives on bioenergy and composting. Represented Audubon on the Planning Committee for the U.S. Department of Energy's Southeast Biomass Energy Program (1991-1996). Implemented building-wide recycling program at Audubon's Manhattan headquarters.

**Negotiation and Consensus Building** Organized the National Biofuels Roundtable and the Southeast Bioenergy Roundtable with representatives of the Electric Power Research Institute, the U.S. Department of Energy and the Tennessee Valley Authority. Represented Audubon on a Governors' Biomass Roundtable organized by the Coalition of Northeastern Governors. Negotiated consensus guidelines, policy options and recommendations for the development and large-scale implementation of ecologically-sustainable bioenergy technologies.

## EDUCATION

PhD (Molecular Biology)	University of Wisconsin; Madison, WI < <a href="http://www.wisc.edu">www.wisc.edu</a> >	1981
BS (Chemistry)	California Institute of Technology; Pasadena, CA < <a href="http://www.caltech.edu">www.caltech.edu</a> >	1971

## WORK HISTORY

Consultant	various plaintiffs' firms and state attorneys general (specifics upon request)	1997-
Expert Associate	Consulting in the Public Interest; Lambertville, NJ < <a href="http://www.cipi.com">www.cipi.com</a> >	1994-
Board Member	The Open Space Council; Long Island, NY	4/91-4/93
Staff Scientist	National Audubon Society; New York, NY < <a href="http://www.audubon.org">www.audubon.org</a> >	8/89-10/96
Legislative Aide	Sen. Cowles; Wisconsin Senate; Madison, WI	4/89-8/89
Manager	Natural Gourmet Foods; Madison, WI	4/88-4/89
Canvasser	Citizens for a Better Environment; Madison, WI	9/87-4/88
Research Assoc.	University of Wisconsin; Madison, WI < <a href="http://www.wisc.edu">www.wisc.edu</a> >	1/81-4/87
Technician	California Institute of Technology; Pasadena, CA < <a href="http://www.caltech.edu">www.caltech.edu</a> >	7/71-6/73

## SELECTED PUBLICATIONS

- J. Cook and J. Beyea (2000) Bioenergy in the United States: Progress and Possibilities. *Biomass and Bioenergy* 18: 441-455.
- J.H. Cook and J. Beyea (1998) Potential Toxic and Carcinogenic Chemical Contaminants in Source-Separated Municipal Solid Waste Composts: Review of Available Data and Recommendations. *Toxicology and Environmental Chemistry* 67: 27-69.
- J.H. Cook and J. Beyea (1997) An Analysis of the Environmental Impacts of Energy Crops in the USA: Methodologies, Conclusions and Recommendations. presented at the European conference Environmental Impact of Biomass for Energy, held November 4-5, 1996 in Noordwijkerhout, The Netherlands.
- W. Hoffman, J. Beyea and J. Cook (1995) Ecology of Agricultural Monocultures: Some Consequences for Biodiversity in Biomass Energy Farms. pp. 1618-1627 in *Proceedings of the 2nd Biomass Conference of the Americas: Energy, Environment, Agriculture and Industry*. NREL/CP-200-8098. National Renewable Energy Laboratory; Golden, CO, USA.
- J. Cook, W. Hoffman and J. Beyea (1995) Improving Wildlife Habitat in "Working Landscapes" through Adaptive Resource Management. presented at the Biomass Ecological Workshop: Defining the Agenda for the North Central States, held March 13-5, 1995 in La Crosse, WI.
- J.H. Cook (1993) Ecological Consequences of Forest-Based Development in the Tropics. In *Forests and Wood-Based Biomass Energy as Rural Development Assets* - from a conference held February 23-27, 1992. Yale; New Haven, CT.
- J. Beyea, J.H. Cook, L.J. Hainsworth, J.F. Meeder, J. Sebold, P. Sharma and M.J. Hoenig (1993) Using Accelerator Mass Spectrometry to Search for Iodine-129 as Evidence of a Release of Radioactive Iodine: Three Mile Island as an Example. National Audubon Society; New York, NY.
- J. Beyea, J. Cook, D. Hall, R. Socolow and R. Williams (1992) *Toward Ecological Guidelines for Large-Scale Biomass Energy Development: Report of a Workshop for Engineers, Ecologists and Policy Makers* (May 6, 1991). National Audubon Society; New York, NY and Princeton University; Princeton, NJ.
- J.H. Cook, J. Beyea and K.H. Keeler (1991) Toward Sustainable Biomass Energy. *Biologist* 8: 5-9.
- J.H. Cook, J. Beyea and K.H. Keeler (1991) Potential impacts of biomass production in the United States on biological diversity. *Annual Review of Energy and the Environment* 16: 401-431.
- J.M. DeCicco, J.H. Cook, D. Bolze and J. Beyea (1991) The CO<sub>2</sub> Diet for a Greenhouse Planet: Assessing Individual Actions for Slowing Global Warming. In *Energy Efficiency and the Environment: Forging the Link*. American Council for an Energy-Efficient Economy; Washington, DC.
- J.H. Cook, J. Beyea and K.H. Keeler (1991) Biofuels: Answer to Global Warming or Growing Threat to Biodiversity? In *Forestry and Environment...Engineering Solutions* - from a conference held June 5-6, 1991. American Society of Agricultural Engineers; St. Joseph, MI.
- J.H. Cook, J. Beyea and K.H. Keeler (1991) Preserving Biological Diversity in the Face of Large-Scale Demands for Biofuels. In *Energy from Biomass and Wastes, XV* - from a conference held March 25-29, 1991. Institute of Gas Technology; Chicago, IL.
- J.M. DeCicco, J.H. Cook, D. Bolze and J. Beyea (1991) *The CO<sub>2</sub> Diet for a Greenhouse Planet: A Citizen's Guide for Slowing Global Warming*. National Audubon Society; New York, NY.
- J.H. Cook and J. Beyea (1990) *Relative Halocarbon Contributions to Global Climate Change*. National Audubon Society; New York, NY.
- S.L. Crittenden, R.S. Pratt, J.H. Cook, J. Balsamo and J. Lilien (1987) Immunologically Unique and Common Domains within a Family of Proteins Related to the Retina Calcium Dependent Adhesion Molecule NcalCAM. *Development* 101: 729-740.
- J.H. Cook, R.S. Pratt and J. Lilien (1984) Turnover and Orientation of the Major Neural Retina Cell Surface Protein Protected from Tryptic Cleavage by Calcium. *Biochemistry* 23: 899-904.
- J.H. Cook and J. Lilien (1982) The Accessibility of Certain Proteins on Embryonic Chick Neural Retina Cells to Iodination and Tryptic Removal is Altered by Calcium. *Journal of Cell Science* 55: 85-103.