

# Daniel C. Josephson

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Adirondack Fishery Research Program  
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## EDUCATION

**M. S., Fishery Science**, Virginia Polytechnic Institute and State University, May 1983

*Thesis: Environmental factors related to the abundance and distribution of brook trout and brown trout and seasonal movements of brown trout in selected Virginia streams.*

**B. S., Natural Resources**, Cornell University, June 1979

**A. S. with High Honors, Biology**, Jamestown Community College, June 1977

## CERTIFICATION

**Certified Fisheries Professional**, American Fisheries Society, June 1998 - present.

## EXPERIENCE

**Research Associate:** Department of Natural Resources, Cornell University, Ithaca, NY. Supervisors: Dr. William Youngs (July 1987 - June 1994), Dr. Charles Krueger (July 1994 - April 2000), and Dr. Clifford Kraft (May 2000 - Present).

**Field Supervisor and Station Manager for the Adirondack Fishery Research Program.**

**Research Support Specialist:** Department of Natural Resources, Cornell University, Ithaca, NY. Supervisors: Dr. Steve Gloss and Dr. Carl Schofield. (August 1983 - June 1987)

**Field Project Leader for a Ten Lake Liming Study.**

**Research Technician:** Cooperative Fishery Research Unit, Virginia Polytechnic Institute and State University, Blacksburg, VA. Supervisors: Dr. Garland Pardue and Dr. Richard Neves. (January 1983 - July 1983).

**Technical Support for Cooperative Fishery Research Unit Projects.**

**Graduate Research Assistant:** Cooperative Fishery Research Unit, Virginia Polytechnic Institute and State University, Blacksburg, VA. Supervisors: Dr. Garland Pardue. (January 1981 - June 1983).

**Master of Science Research Project.**

**Technical Support for Cooperative Fishery Research Unit Projects.**

**Research Technician:** Department of Natural Resources, Cornell University, Ithaca, NY. Supervisor: Dr. Dwight Webster. (June 1979 - December 1980).

**Technical Support for the Adirondack Fishery Research Program.**

**Lab Assistant:** Cooperative Fishery Research Unit, Cornell University, Ithaca, NY. Supervisor: Dr. John Nickum. (April 1979 - May 1979)

**Technical Support for Cooperative Fishery Research Unit Project.**

**Seasonal Laborer:** Chautauqua Fish Hatchery, NYS Department of Environmental Conservation, Mayville, NY. Supervisor: Mr. John Bubnack. (June 1977 - September 1997; June 1978 - September 1978).

**Seasonal Labor for the Chautauqua Fish Hatchery.**

## HONORS AND AWARDS

### **Best Paper (presenter), 1996**

- New York Chapter American Fisheries Society 1996 Annual Meeting

### **Best Student Paper or Poster (co-author), 1996, 2000, 2005**

- New York Chapter American Fisheries Society Annual Meetings

### **Cornell University, 1977-1979**

- Dean's List - 2 Semesters

### **Jamestown Community College, 1975-1977**

- A.S. with High Honors
- Dean's List - 4 Semesters

## MEMBERSHIPS

### **American Fisheries Society**

Parent Society (1979-2012)

New York Chapter (1979-2012)

## AMERICAN FISHERIES SOCIETY / PROFESSIONAL ACTIVITIES

Josephson, D.C., C.E. Kraft, and M.S. Ridgway (symposium organizers). 2003. Multiple scale perspective of brook trout conservation and management. Sponsored by the Adirondack Fishery Research Program and Great Lakes Fishery Commission. Annual American Fisheries Society Meeting, Quebec City, Quebec. 10-14 August.

Kraft, C.E., and D.C. Josephson (workshop organizers). 2001. Brook trout management in Adirondack lakes. Sponsored by Adirondack Fishery Research Program and Cornell Cooperative Extension. Water's Edge Conference Center, Old Forge, New York. 22 September.

Josephson, D.C. and C.C. Krueger (symposium organizers). 1996. Inland salmonid movements in lakes and streams: definition of population boundaries and management implications. Sponsored by the Adirondack Fishery Research Program. Annual American Fisheries Society Meeting, Dearborn, Michigan. 25-29 August.

1991 - 1992	Program Committee, New York Chapter American Fisheries Society
2000 - 2001	Program Chairman, New York Chapter American Fisheries Society
2000 - 2003	Newsletter Editor, New York Chapter American Fisheries Society
2002	Invasive Species Advisory Panel, Adirondack Park Agency
2003 - 2005	Program Committee, New York Chapter American Fisheries Society
2004-2011	Program Committee, Adirondack Research Workshop

## PROFESSIONAL SERVICE

**Reviewer:** Canadian Journal of Fisheries and Aquatic Sciences, Environmental Biology of Fishes, Freshwater Biology, Journal of Freshwater Ecology, North American Journal of Aquaculture, North American Journal of Fisheries Management, Transaction of the American Fisheries Society

## PUBLICATIONS

### PROFESSIONAL PUBLICATIONS

- Warren, D.R., J.M. Robinson, D.C. Josephson, D. Sheldon and C.E. Kraft. 2012. Elevated summer temperatures delay spawning and reduce redd construction for resident brook trout (*Salvelinus fontinalis*). *Global Change Biology (in press)*
- Josephson, D.C., J.M. Robinson, J.M. Lepak and C.E. Kraft. 2012. Rainbow trout performance in food-limited environments: implications for future assessment and management. *Journal of Freshwater Ecology (in press)*
- Robinson, J.M., D.C. Josephson, B.C. Weidel, and C.E. Kraft. 2010. Influence of variable summer water temperatures on brook trout growth, consumption, reproduction and mortality in an unstratified Adirondack lake. *Transaction of the American Fisheries Society* 139:685-699.
- Lepak, J.M., Robinson, J.M., C.E. Kraft and D.C. Josephson. 2009. Changes in mercury bioaccumulation in an apex predator in response to removal of an introduced competitor. *Ecotoxicology* 18:488-498.
- Josephson, D.C., J.M. Robinson, B.C. Weidel, and C.E. Kraft. 2008. Long-term retention and visibility of visible implant elastomer tags in brook trout. *North American Journal of Fisheries Management* 28:1758-1761.
- Weidel, B. C., D. C. Josephson, and C. E. Kraft. 2007. Littoral fish community response to smallmouth bass removal from an Adirondack lake. *Transactions of the American Fisheries Society* 136:778-789.
- Baird, O.E., C.C. Krueger, and D.C. Josephson. 2006. Growth, movement, and catch of brook, rainbow, and brown trout after stocking into a large, marginally suitable Adirondack river. *North American Journal of Fisheries Management* 26:180-189.
- Warren, D.R., S.D. Sebestyen, D.C. Josephson, J.M. Lepak, and C.E. Kraft. 2005. Acidic groundwater discharge and *in situ* egg survival in lake spawning brook trout (*Salvelinus fontinalis*) redds. *Transactions of the American Fisheries Society* 134: 1193-1201.
- Nemeth, M. J., C. C. Krueger, and D. C. Josephson. 2003. Rheotactic response of two strains of juvenile landlocked Atlantic salmon: implications for population restoration and management. *Transactions of the American Fisheries Society* 132: 904-912.
- Baird, H.B., C.C. Krueger, and D.C. Josephson. 2002. Differences in incubation period and survival of embryos among brook trout strains. *North American Journal of Aquaculture* 64: 233-241.
- Schneider, R.L., E.L. Mills, and D.C. Josephson. 2002. Aquatic-terrestrial linkages and implications for landscape management. Pages 241-262. *In: Integrating landscape ecology into natural resource management (Editors J. Lui and W.W. Taylor)*. Cambridge University Press, Cambridge, UK.
- Josephson, D.C., C.C. Krueger, and P.J. Sullivan. 2001. Use of outlet barriers to prevent fall emigration of brook trout stocked in Adirondack lakes. *North American Journal of Fisheries Management* 21: 843-854.
- Brown, P.J, D.C. Josephson, and C.C. Krueger. 2000. Summer habitat use by introduced smallmouth bass in an oligotrophic Adirondack lake. *Journal of Freshwater Ecology* 15(2): 135-144.
- Hughes, T.C., D.C. Josephson, and C.C. Krueger. 2000. Comparison of small and large visible implant tags: retention and readability in hatchery brook trout. *North American Journal of Aquaculture* 62: 273-278.
- Weidel, B.C., D.C. Josephson, and C.C. Krueger. 2000. Prey and diet selection of introduced smallmouth bass in an oligotrophic Adirondack lake. *Journal of Freshwater Ecology* 15(3): 411-420.
- Warrillow, J.A., D.C. Josephson, W.D. Youngs, and C.C. Krueger. 1997. Differences in sexual maturity and fall emigration between diploid and triploid brook trout (*Salvelinus fontinalis*) in an Adirondack lake. *Can. J. Fish. Aquat. Sci.* 54(8): 1808-1812.
- Zerrenner, A., D.C. Josephson, and C.C. Krueger. 1997. Growth, mortality, and mark retention of hatchery brook trout marked with visible implant tags, jaw tags, and adipose fin clips. *Prog. Fish-Cult.* 59: 241-245.

- Josephson, D.C., and W.D. Youngs. 1996. Association between emigration and age structure in populations of brook trout (*Salvelinus fontinalis*) in Adirondack lakes. *Can. J. Fish. Aquat. Sci.* 53(3): 534-541.
- Youngs, W.D, W.H. Guteman, D.C. Josephson, M.D. Miller and D.J. Lisek. 1994. Residues of p,p'-DDE in lake trout in Little Moose Lake in New York State. *Chemosphere* 29(2): 405-406.
- C.L., Schofield, D. Josephson, C. Keleher, and S.P. Gloss. 1993. Thermal stratification of dilute lakes – an evaluation of regulatory processes and biological effects prior to and following base addition. Part II: Effects on brook trout habitat and growth. RWO No. 4, Unit Cooperative Agreement 14-16-0009-1553, U.S. Fish and Wildlife Service, 66 pp.
- Schofield, C.L., S. Gloss, and D. Josephson. 1986. Extensive evaluation of lake liming, restocking strategies, and fish population response in acidic lakes following neutralization by liming. U.S. Fish and Wildlife Service, Eastern Energy and Land Use Team. Interim Progress Report NEC. 86/18. 117 pp.
- Josephson, D.C. 1983. Environmental factors related to the abundance and distribution of brook trout and brown trout and seasonal movements of brown trout in selected Virginia streams. MS Thesis, Virginia Polytechnic Institute and State University. 171 pp.

### **EXTENSION PUBLICATIONS**

- Josephson, D., C. Kraft, T. Patronski, and W. Gordon. 2002. Lake outlet blocks as a management tool for stocked trout and salmon: a guide for lake managers. Cornell Cooperative Extension, Cornell University, Ithaca, New York. 15 pp.
- Kraft, C.E., M.D. Webster, D.C. Josephson, G.G. Carey, P. Schullery, and D.A. Webster. 2000. A tradition of excellence: the Adirondack Fishery Research partnership of the Adirondack League Club and Cornell University (editor: E. Comstock). Brodock Press 61 pp.
- Weigmann, D.L., L.A. Helfrich, D.C. Josephson, and R.M. Speenburgh. 1992. Guidelines for liming acidified lakes and ponds. Virginia Water Resources Research Center, Virginia Polytechnic Institute and State University, Blacksburg. 23 pp.

### **COOPERATOR REPORTS**

- W.D. Youngs and D.C. Josephson. 1987-1994. Adirondack League Club: Fishery Research and Management Report..
- D.C. Josephson and C.C. Krueger. 1995-1999. Adirondack League Club: Fishery Research and Management Report.
- D.C. Josephson and C.E. Kraft. 2000-2010. Adirondack League Club: Fishery Research and Management Report.
- Josephson, D.C. and C.E. Kraft. 2006. Evaluation of the fish removal program at Bay Pond : 1990 to 2005.
- Josephson, D.C. and C.E. Kraft. 2008. Landlocked Salmon Research and Management in Bay Pond : 1996-2007
- W.D. Youngs and D.C. Josephson. 1987-1994. Rock Lake Club: Fishery Research and Management Report.
- D.C. Josephson and C.C. Krueger. 1995-1999. Rock Lake Club: Fishery Research and Management Report.
- D.C. Josephson and C.E. Kraft. 2000-2010. Rock Lake Club: Fishery Research and Management Report.
- W.D. Youngs and D.C. Josephson. 1990-1994. Wilmurt Lake Club: Fishery Research and Management Report.
- D.C. Josephson and C.C. Krueger. 1995-1999. Wilmurt Lake Club: Fishery Research and Management Report.
- D.C. Josephson and C.E. Kraft. 2000-2010. Wilmurt Lake Club: Fishery Research and Management Report.

## PROFESSIONAL PRESENTATIONS

### PRESENTATIONS AND POSTERS

- Josephson, D.C.**, J. Chiotti, K. Jirka, J. Robinson, and C. Kraft. 2011. Long-term impacts of acidic deposition on brook trout in Honnedaga Lake, New York.
- Graduate Student Assembly, Department Natural Resources, Cornell University. Ithaca, New York. 20 January.
  - Northeast Natural History Conference. Albany, New York. April 7.
  - Darrin Freshwater Research Institute, RPI. Bolton Landing, New York. 19 September
- Josephson, D.C.**, J. Chiotti, K. Jirka, J. Robinson, and C. Kraft. 2011. Brook trout condition and energy reserves: seeking biologically relevant metrics. New York Chapter American Fisheries Society meeting. Canandaigua, New York. 4 February
- Josephson, D.C.**, G. Lawrence, B. Baldigo, J. Siemion, R. Fuller and C. Kraft. 2011. Honnedaga Lake watershed liming project.
- Adirondack Aquatic Research Workshop VIII. Old Forge, New York. 1 March.
  - NYSERDA EMEP Conference. Albany, New York. 15 November.
- Josephson, D.C.**, J. Chiotti, K. Jirka, J. Robinson, and C. Kraft. 2010. Long-term impacts of acidic deposition on brook trout in Honnedaga Lake, New York.
- New York Chapter American Fisheries Society meeting. Lake George, New York. 11 February.
  - Champlain Watershed Coalition meeting. Westport, New York. 18 February.
  - Adirondack Aquatic Research Workshop VII. Old Forge, New York. 4 March.
- Josephson, D.C.**, J. Chiotti, K. Jirka, J. Robinson, and C. Kraft. 2009. Long-term impacts of acidic deposition on brook trout in Honnedaga Lake, New York.
- Mohawk River Basin Coalition, Schoharie County SWCD meeting. Cobleskill, New York. 9 November.
  - New York State Energy Research and Development Authority - Environmental Monitoring, Evaluation and Protection Conference. Albany, New York. 14 October.
- Josephson, D.C.** 2009. The Adirondack Fishery Research Program. The Wild Center staff meeting. Tupper Lake, New York. 12 February
- Josephson, D.C.**, J.M. Robinson, B.C. Weidel, and C.E. Kraft. 2008. Long-term retention and visibility of visible implant elastomer tags in brook trout. New York Chapter American Fisheries Society Annual Meeting, Rochester, NY. 7 February. (poster)
- Josephson, D.C.** 2007. The Central Adirondack Laboratory for Environmental Studies: concept and development. Adirondack Aquatic Research Workshop IV. Old Forge, New York. 1 March
- Josephson, D.C.** 2006. The status of heritage brook trout in Honnedaga Lake. NY DEC Fish, Wildlife, and Marine Resources Seminar Series. Albany, NY 21 December.
- Josephson, D.C.**, C.E. Kraft, J.M. Robinson, and B.C. Weidel. 2006. Brook trout growth and relative abundance in Adirondack lakes: observations on the role of summer water temperature and dissolved oxygen. New York Chapter American Fisheries Society Annual Meeting, Utica, NY. 2 February.
- Josephson, D.C.**, B.C. Weidel and C.E. Kraft. 2005. Can brook trout planktivory structure zooplankton communities in Adirondack lakes? Adirondack Aquatic Research Workshop II. Old Forge, New York. 3 March.
- Robinson, J.M., B.C. Weidel, C.E. Kraft, and **D.C. Josephson**. 2005. Lessons from a mixed brook trout population.
- New York Chapter American Fisheries Society Annual Meeting, Syracuse, NY. 4 February.
  - Adirondack Aquatic Research Workshop II. Old Forge, New York. 3 March.
- Steinhart, G.B., D.M. Carlson, R.J. Preall, C.E. Kraft, and **D.C. Josephson**. 2005. Status and recovery of round whitefish in New York.
- New York Chapter American Fisheries Society Annual Meeting, Syracuse, NY. 4 February.

- Adirondack Aquatic Research Workshop II. Old Forge, New York. 3 March.
- Warren, D, S. Sebestyen, **D. Josephson**, and C. Kraft. 2005. Lake spawning brook trout and groundwater.
- New York Chapter American Fisheries Society Annual Meeting, Syracuse, NY. 4 February. (*Best Professional Paper*)
  - Adirondack Aquatic Research Workshop II. Old Forge, New York. 3 March.
- Josephson, D.**, B. Weidel, and C. Kraft. 2004. Recovery of Honnedaga Lake from acidification: chemical changes and brook trout response. Adirondack Aquatic Research Workshop I. Old Forge, New York. 4 March.
- Weidel, B., C. Kraft, and **D. Josephson**. 2003. Role of small tributaries as refugia for brook trout populations in stressed Adirondack lakes. American Fisheries Society Annual Meeting. Quebec City, Quebec. August 2003.
- Josephson, D.C.**, C.E. Kraft, C.C. Krueger, and S.D. Sebestyen. 2003. Natural spawning and population response by brook trout in Adirondack lakes with outlet barriers. American Fisheries Society Annual Meeting, Quebec City, Quebec. 10-14 August. (poster)
- Gordon, W.H., R.J. Preall, P.J. Festa, and **D.C. Josephson**. 2003. Status of wild brook trout in Adirondack ponds. American Fisheries Society Annual Meeting, Quebec City, Quebec. 10-14 August. (poster)
- Weidel, B. C., C. E. Kraft, and **D. C. Josephson**. Fish community response to removal of naturalized smallmouth bass in an oligotrophic Adirondack lake.
- New York Chapter American Fisheries Society Annual Meeting, Owego, NY. 20 January 2001.
  - Northeast Fish and Wildlife Conference Annual Meeting, Portland, ME. April 2002.
  - American Fisheries Society Annual Meeting, Baltimore, MD. August 2002.
  - Canadian Conference for Fisheries Research, Ottawa, Ontario. January 2003.
- Josephson, D.C.** 2001. Little Moose Field Station fish culture operation. Lecture: Aquaculture class. Riley Robb Hall, Cornell University, Ithaca, NY. 15 March.
- Josephson, D.C.** Brook trout emigration studies in Adirondack lakes. 2001. Natural Resources Research Seminar, Fernow Hall, Cornell University, Ithaca, NY. 15 March.
- Josephson, D.C.** 2001. Ecology and management of brook trout in the Adirondack Mountain region of New York State. Lecture: NR-444 Fishery Management class. Fernow Hall, Cornell University, Ithaca, NY. 5 April.
- Josephson, D.C.**, C.E. Kraft, and C.C. Krueger. 2001. Natural spawning by brook trout (*Salvelinus fontinalis*) populations within Adirondack lakes with outlet barriers. New York Chapter American Fisheries Society Annual Meeting, Owego, NY. 20 January.
- Kraft, C.E., and **D.C. Josephson**. 2001. Adaptive fishery management: research to improve brook trout angling in Adirondack lakes. New York Chapter American Fisheries Society Annual Meeting, Owego, NY. 20 January.
- Josephson, D.C.** 2000. Visible implant tags. Lecture: NR-442 Fishery Techniques class. REM Facility, Cornell University, Ithaca, NY. 28 November.
- Josephson, D.C.**, and C.C. Krueger. 2000. Natural spawning by brook trout (*Salvelinus fontinalis*) populations within Adirondack lakes with outlet barriers. East Coast Trout Workshop, Frostburg State University, Frostburg, MD. 7 June.
- Nemeth, M.J., C.C. Krueger, and **D.C. Josephson**. 2000. Differences in rheotactic response between two strains of juvenile Atlantic salmon, *Salmo salar* and the implications for species restoration in New York.
- GSA Symposium, Dept. Natural Resources, Cornell University, Ithaca, NY. 20-21 January.
  - Tri-Society (SAF, TWS, AFS) NY Chapter Meeting, Syracuse, NY. 27-29 January.
- Nemeth, M.J., C.C. Krueger, and **D.C. Josephson**. 2000. Spawning selectivity by landlocked Atlantic salmon, *Salmo salar*, in native and introduced waters. Tri-Society (SAF, TWS, AFS) NY Chapter Meeting, Syracuse, NY. 27-29 January 2000. (*Best Student Poster*)

- Josephson, D.C.**, C.C. Krueger, and T.R. Strakosh. 1998. Size-selective predation of zooplankton by lake trout in Little Moose Lake. New York State Annual Chapter Meeting, American Fisheries Society. Owego, NY. 31 January.
- Josephson, D.C.**, C.C. Krueger, and T.R. Strakosh. 1998. Size-selective predation of zooplankton by lake trout in Little Moose Lake. . Seminar lecture. Cornell Biological Field Station, Shackelton Point, NY. 28 January.
- Josephson, D.C.**, C.C. Krueger, and T.R. Strakosh. 1997. Size-selective predation of zooplankton by lake trout in Little Moose Lake. Northeastern Division Coldwater Workshop on Lake Trout. Jay, VT. 15-18 September.
- Josephson, D.C.** 1997. Brook trout emigration studies in the Adirondacks. Seminar lecture. Cornell Biological Field Station, Shackelton Point, NY. 25 June.
- Schneider, R.L., C.C. Krueger, and **D.C. Josephson**. 1997. Water lily decline in the Adirondacks: findings and implications of an exploratory study. Adirondack Research Consortium, Annual Meeting. SUNY ESF, Syracuse University, Syracuse, NY. 20 May.
- Josephson, D.C., and C.C. Krueger. 1996. Use of outlet blocks to prevent brook trout emigration from Adirondack lakes: effects on population structure and angling catch. New York Chapter, Am. Fish. Soc., Syracuse, NY. 1-2 February. (*Best Paper*)
- Zerrener, A.E., **D.C. Josephson**, and C.C. Krueger. 1996. Growth, survival, and mark retention in brook trout with visible implant tags. New York Chapter, Am. Fish. Soc., Syracuse, NY. 1-2 February. (*Best Student Paper*)
- Josephson, D.C.**, W.D. Youngs, and C.C. Krueger. 1995. Use of outlet blocks to prevent brook trout emigration from Adirondack lakes: effects on population structure and angling catch. East Coast Trout Culture and Management Workshop, Penn State University. 30 May - 2 June.
- Josephson, D.C.**, and W.D. Youngs. 1994. Brook trout emigration and management implications in Adirondack lakes. Adirondack Research Consortium, Paul Smiths College, New York. June 16.
- Josephson, D.C.**, and W.D. Youngs. 1994. Brook trout emigration and management implications in Adirondack lakes. N.E. Fish and Wild. Conf., Burlington, Vermont. May 1-4.
- Josephson, D.C.**, and W.D. Youngs. 1994. Trout management studies in the Adirondacks. Cornell University, Department of Natural Resources, 1994 Seminar Series. March 30.
- Josephson, D.C.**, C.L.Schofield, C. Keleher, and S.P. Gloss. 1992. Thermal stratification of dilute lakes prior to and following limestone additions: effects on brook trout habitat and growth. East Coast Trout and Management Workshop, Penn State University. 22 June..
- Josephson, D.C.** 1992. Fisheries management in wilderness areas of the Adirondack Park.. New York State Chapter, American Fisheries Society, Owego, New York . 31 January.
- Josephson, D.C.**, and W.D. Youngs. 1991. Seasonal emigration patterns and population structure of brook trout populations in selected Adirondack ponds. Am. Fish. Soc. National Meeting, San Antonio, Texas. 5 September
- Josephson, D.C.**, and W.D. Youngs. 1991. Seasonal emigration patterns and population structure of brook trout populations in selected Adirondack ponds. New York State Chapter, Am. Fish. Soc. Meeting, January 26, Owego, New York.
- Josephson, D.C.**, S. Gloss, and C. Schofield. 1986. Variation in growth of stocked brook trout (*Salvelinus fontinalis*) populations in ten small Adirondack lakes neutralized with agricultural limestone. New York Chapter, Am. Fish. Soc. Meeting, Feb. 7-8.
- Josephson, D.C.** 1983. The Virginia stream retrieval system. Fisheries and computers: practical application. N.E. Div. Am. Fish. Soc. Warmwater Workshop. Cornell University, Ithaca, NY. June 21-23.
- Josephson, D.C.** 1983. Environmental factors related to the abundance and distribution of brook trout (*Salvelinus fontinalis*) and brown trout (*Salmo trutta*) and seasonal movements of brown trout in selected Virginia streams. Shenandoah National Park Research Symposium, May 20.
- Josephson, D.C.** 1982. Various aspects of the ecology of brook trout (*Salvelinus fontinalis*) and brown trout (*Salmo trutta*) in selected Virginia streams. Shenandoah Valley Chapter of Trout Unlimited Meeting, December 1, 1982 and Rapidan Chapter of Trout Unlimited Meeting, December 13.
- Josephson, D.C.**, and G.B. Pardue. 1982. The seasonal movements of brown trout (*Salmo trutta*) in a Virginia stream. 60th Meeting, Virginia Academy of Science, April 22.

**Josephson, D.C.** 1982. The longitudinal distribution and seasonal movements of brown trout (*Salmo trutta*) in brook trout streams in Virginia. Tri-State Biologists Meeting, February 25.

## EXTENSION AND TEACHING PRESENTATIONS

- Josephson, D.C.** 2010. Adirondack Fish and Fishing – Past, Present and Future. Old Forge Arts Center, Summer Nature Lecture Series. Old Forge, New York. 20 July.
- Josephson, D.C.** 2009. The Adirondack Fishery Research Program. Mohawk Valley Chapter of Trout Unlimited. Utica, New York. 11 March
- Josephson, D.C.** 2008. The Central Adirondack Laboratory for Environmental Studies: current status. Adirondack Aquatic Research Workshop V. Old Forge, New York. 1 March
- Josephson, D.C.** 2008. Fish culture facility tour for members of the Fish Creek Atlantic Salmon Foundation. 21 February.
- Josephson, D.C.** 2008. Electro-fishing demonstration and Little Moose Field Station tour. Field trip by AP Biology Class from The Summit Country Day School (Cincinnati, OH). Old Forge, NY. 8-9 September
- Josephson, D.C.** 2007. The status of heritage brook trout in Honnedaga Lake. Honnedaga Lake Weekend, Adirondack League Club, Old Forge, NY. 27 January
- Josephson, D.C.** 2007. Brook trout restoration in the Adirondacks. Upper Susquehanna Chapter of Trout Unlimited, Conservation Day and Banquet. Oneonta, NY. 10 March
- Josephson, D.C.** 2007. Status of the brook trout fishery and angling opportunities in Honnedaga Lake. Honnedaga Lake Community, Adirondack League Club, Forest Lodge. 16 August
- Josephson, D.C.,** and I. Kiraly. 2007. Electro-fishing demonstration and Little Moose Field Station tour. Field trip by AP Biology Class from The Summit Country Day School (Cincinnati, OH). Old Forge, NY. 10-11 September
- Josephson, D.C.** 2006. Cornell University's Adirondack Fishery Research Program. Mohawk Valley Chapter of Trout Unlimited, Utica, NY. 8 March.
- Josephson, D.C.** 2005. Town of Webb Schools Career Day: career opportunities in fisheries and environmental sciences. Old Forge, New York. 22 November.
- Josephson, D.C.** 2005. Water quality and the brook trout fishery in Honnedaga Lake. Forest Lodge, Adirondack League Club, New York. 15 August.
- Josephson, D.C.,** and J.R. Robinson. 2004. Town of Webb Schools Career Day: career opportunities in fisheries and environmental sciences. Old Forge, New York. 23 November.
- Josephson, D.C.** 2004. Cornell University's Adirondack Fishery Research Program. Mohawk Valley Chapter of Trout Unlimited, Utica, NY. 10 March.
- Josephson, D.C.** 2003. Fish and fishing in the Adirondacks. Old Forge Kiwanis Club, Old Forge, NY. 25 February.
- Josephson, D.C.,** and J.R. Robinson. 2003. Town of Webb Earth Day Vision Fair. Old Forge, New York. 24 April.
- Josephson, D.C.** 2002. Brook trout emigration studies in Adirondack lakes. Mohawk Valley Chapter of Trout Unlimited, Utica, NY. 13 February.
- Josephson, D.C.** 2002. Fish and fishing. Parents as Reading Partners talk at Town of Webb Schools, Old Forge, NY. 1 March.
- Josephson, D.C.** 2002. Fish and fishing in the Adirondacks. Adirondack Discovery Program, Big Moose Property Owners Association, Big Moose, NY. 13 July.
- Josephson, D.C.** 2002. Brook trout emigration studies in Adirondack lakes. Mohawk Valley Chapter of Trout Unlimited, Utica, NY. 13 February.
- Josephson, D.C.** 2002. Fish and fishing. Parents as Reading Partners talk at Town of Webb Schools, Old Forge, NY. 1 March.
- Josephson, D.C.** 2002. Fish and fishing in the Adirondacks. Adirondack Discovery Program, Big Moose Property Owners Association, Big Moose, NY. 13 July.
- Josephson, D.C.** 2001. Brook trout emigration studies in Adirondack lakes. Adirondack League Club Fisheries Symposium, Old Forge, NY. 1 August.



- Weidel, B. C., C. E. Kraft, and **D. C. Josephson**. 2001. Fish community response to removal of naturalized smallmouth bass in an oligotrophic Adirondack lake. Adirondack League Club Fisheries Symposium, Old Forge, NY. 1 August.
- Josephson, D.C.** 2001. Ecology and management of brook trout. Cornell Cooperative Extension Workshop : Brook trout management in Adirondack lakes. Old Forge, NY. 22 September.
- Josephson, D.C.** 2001. Brook trout movement and emigration barriers. Cornell Cooperative Extension Workshop : Brook trout management in Adirondack lakes. Old Forge, NY. 22 September.
- Josephson, D.J.**, and C.E. Kraft. 2000. Adaptive fishery management: research to improve brook trout angling in Adirondack lakes.
- Trout Unlimited National Forum, Syracuse, NY. August (Poster)
  - Open House, Little Moose Field Station, Old Forge, NY. October (Poster)
- Weidel, B.C., C.E. Kraft, and **D.C Josephson**. 2000. Fish community response to removal of naturalized smallmouth bass in a northern lake. Open House, Little Moose Field Station, Old Forge, NY. October (Poster)
- Josephson, D.C.**, and C.C.Krueger. 1999. Update on Adirondack brook trout emigration and outlet blocking studies. NYS DEC Bureau of Fisheries Meeting, Saratoga Springs, NY. 10 February.
- Josephson, D.C.**, C.C. Krueger, and M.J. Nemeth. 1999. Update on Adirondack landlocked salmon emigration studies. NYS DEC Bureau of Fisheries Meeting, Saratoga Springs, NY. 10 February.
- Josephson, D.C.** 1999. Ecology and management of brook trout in the Adirondack Mountain region. Mohawk Valley Chapter, Trout Unlimited, Utica, NY. 10 March.
- Josephson, D.C.** 1999. Fish and fishing opportunities in the Adirondack Mountains. Adirondack Discovery Lecture Series, Inlet, NY. 25 August.
- Josephson, D.C.**, W. Gordon, and C.C. Krueger. 1998. Update on brook trout emigration studies in the Adirondacks. NYSDEC Bureau of Fisheries Managers' Meeting, Oneonta, NY. 22 January.
- Josephson, D.C.**, C.C. Krueger, W. Gordon, and A. Schiavone. 1998. Update on landlocked salmon emigration study. NYSDEC Bureau of Fisheries Managers' Meeting, Oneonta, NY. 22 January.
- Josephson, D.C.** 1998. Coldwater Fishery Research Program – Adirondack Unit poster session. Cornell Biological Field Station, Legislative Day. Shackelton Point, NY. 22 July.
- Josephson, D.C.** 1997. Brook trout ecology and management in the Adirondack Region of New York State. Lecture: NR-438 Fishery Resource Management class. Fernow Hall, Cornell University, Ithaca, NY. 3 April.
- Josephson, D.C.** 1997. Brook trout ecology and management in the Adirondack Mountain region of New York State. Old Forge Arts Center, Old Forge, NY. 26 June.
- Josephson, D.C.** 1997. Educational requirements and career opportunities in the fish and wildlife management field. Lynn University, Old Forge, NY. 13 November.
- Josephson, D.C.**, and T.C. Hughes. 1997. Visible implant tags. Lecture: NR-442 Fishery Techniques class. REM Facility, Cornell University, Ithaca, NY. 25 November.
- Josephson, D.C.**, and A.E. Zerrenner. 1995. Lecture and demonstration on the uses and application of visible implant tags. Techniques in Fishery Science (NR 442) class. REM facility, Cornell University, Ithaca, NY. 21 November.
- Josephson, D.C.** 1995. Demonstration on brook trout egg collection to grades 2-12 at Town of Webb School Fish Hatchery, Old Forge, NY. 15 November.
- Josephson, D.C.** 1995. The Adirondack Fishery Research Program. Field trip at Shackelton Point for state legislators and DEC officials to view current DNR programs, Bridgeport, NY. 25 July. (poster)
- Josephson, D.C.** 1995. Management of Adirondack brook trout. Angling Club of the Cleveland Museum of Natural History, Adirondack League Club, Little Moose Lodge, Old Forge, NY. 21 September.
- Josephson, D.C.** 1995. Management of Adirondack brook trout. Twitchell Lake Fish & Game Association, Twitchell Lake, NY. 1 September.
- Josephson, D.C.** 1995. Management of Adirondack brook trout. Adirondack League Club, Little Moose Lodge, Old Forge, NY. 25 July.
- Josephson, D.C.** 1995. Management of Adirondack brook trout. SUNY-ESF Huntington Lecture Series, Adirondack Park Visitor's Interpretative Center, Newcomb, NY. 20 July.

- Josephson, D.C.** 1994. Water quality and fisheries in the Big Moose Lake area. Big Moose Property Owners Association, Big Moose Lake, New York. July 23.
- Josephson, D.C.** 1993. Fish management in the Adirondacks. Garnet Hill Elderhostel, North Creek, New York. July 15.
- Josephson, D.C.** 1993. Adirondack brook trout. Trout Unlimited National Banquet, Clearwater Chapter, Albany, New York. March 27.
- Josephson, D.C.** 1992. Adirondack brook trout. Environmental Lecture Series, Old Forge Arts Center, Old Forge, New York. August 6.
- Josephson, D.C.** 1992. The Adirondack Fishery Research Program. General Meeting, Mohawk Valley Chapter Trout Unlimited, Utica, New York. February 17.
- Josephson, D.C.** 1990. The Adirondack Fishery Research Program. Adirondack Landowners Association, Adirondack League Club, Old Forge, New York. December 8.
- Josephson, D.C.** 1990. Acid rain. New York State Outdoor Writers Association, Spring Conference, Old Forge, New York. May 18.
- Josephson, D.C.** 1988. Adirondack brook trout. Trout Unlimited Mini-Forum, Upper Susequehanna Chapter, Oneonta, New York. March 12.
- Josephson, D.C.** 1983-1987. Acid precipitation: the Adirondacks and beyond. Slide show about the phenomenon of acid precipitation presented to high school classes, campers, sportsmen clubs, and civic groups (approximately 25 individual presentations).

## COMMUNITY SERVICE

### **Trout Unlimited**

- National Society (1975-2011)
- New York State Council
  - Chairman, Resource Management Committee (1986-1988)
- New York Northwoods Chapter (1983-1990)
  - Secretary (1983-1985)
  - Vice President (1985-1986)
  - President (1986-1988)

### **Ducks Unlimited**

- National Society (1986-1996)
- Fulton Chain Chapter
  - Co-Chairman/Treasurer (1986-1990)

### **Fulton Chain of Lakes Association**

- Director (1991-1996)
- President (1994-1996)

### **Central Adirondack Arts and Sciences Advocacy, Inc.**

*(Eco-Gallery and Central Adirondack Laboratory for Environmental Studies Projects)*

- Director/Treasurer (2000-2006)
- President (2007-present)