

Thad E. Yorks

Curriculum Vitae

Environmental Biology Program and Biology Program
Division of Humanities and Natural Sciences
Cazenovia College
Cazenovia, NY 13035
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EDUCATION

- 2001: Ph.D. in Environmental and Forest Biology, State University of New York - College of Environmental Science and Forestry (SUNY-ESF), Syracuse, NY.
Dissertation: *Effects of forest harvest, deer herbivory, and tree mortality on nutrient cycling in the Catskill Mountains of New York*
- 1996: M.S. in Applied Ecology and Conservation Biology, Frostburg State University, Frostburg, MD.
Thesis: *Vascular plant diversity and successional revegetation in second-growth hardwood clearcuts of western Maryland*
- 1992: B.S. in Forest Science, Pennsylvania State University, University Park, PA.

PROFESSIONAL EXPERIENCE

- 2015-pres. Professor, Program Director of Environmental Biology Program and Biology Program (Teaching responsibilities in addition to those as Assistant and Associate Professor: SM 122: General Chemistry II lab, SM 211: Investigating Biology, SM 219/319: Aquatic Biology, SM 402: Watershed Management); Division of Humanities and Natural Sciences Programs, Cazenovia College, Cazenovia, NY
- 2009-2015 Associate Professor, Environmental Biology and Biology Programs (Teaching responsibilities in addition to those as Assistant Professor: SM 117: Diversity of Life, SM 140: Environmental Science, SM 225/325: Plant Biology, SM 243/343: Biotopics - Forest Ecology, SM 243/343: Biotopics - Environmental Issues and Policy, SM 310: ST: Advanced Biological Studies, SM 311: Global Environmental Issues and Perspectives, SM 342: Principles of Ecology, SM 290: IS: Aquatic Ecology in Education, CE XX: Creatures of the Deep and Creatures of the Creek [summer programs for middle school-aged children]); Division of Humanities and Natural Sciences Programs, Cazenovia College, Cazenovia, NY
- 2004-2009 Assistant Professor, Environmental Studies Program (Teaching responsibilities: SM 112: Cellular and Organismal Biology, SM 101: First Year Seminar: Life In and On the Lake, SM 217: IS: Water Quality Analysis, SM 243: Biotopics – Invasive Species, SM 290: IS: Invasive Species Management, SM 302: Wetland Ecology, SM 314: Field Botany, SM 350: Service Learning, SM 396: Scientific Inquiry, SM 385: Internship, SM 372: Junior Research, SM 472: Senior Research, SM 499: Capstone Seminar, CE XX: Creatures of the Shallows [summer program for 8-11-yr-old children]); Division of Humanities, Natural Sciences and Education Programs, Cazenovia College, Cazenovia, NY
- 2002-2004 Assistant Professor (Teaching responsibilities: General Botany, Wetlands Ecology, Plant Taxonomy, Dendrology, Biological Research Investigations, Intro.

- Environmental Science): Department of Biological and Environmental Sciences, California University of Pennsylvania (CUP), California, PA
- 1999-2001 Project Assistant (coordination of research activities related to assessing ice storm damage to forests of northern New York): SUNY-ESF, Syracuse, NY
- 1995-2001 Research Assistant (research on dissertation topic, supervision of undergraduate and graduate student assistants): SUNY-ESF, Syracuse, NY
- 1999 Visiting Instructor (supervision of 13 teaching assistants in Dendrology, instructor for two laboratory sections): SUNY-ESF, Syracuse, NY
- 1995 Visiting Instructor (Plant Taxonomy): Frostburg State University, Frostburg, MD
- 1994 Laboratory Instructor (General Biology I, General Chemistry I, Anatomy and Physiology): Allegany Community College, Cumberland, MD
- 1992-94 Teaching Assistant (laboratory instructor for General Biology I, Human Biology and the Environment, laboratory preparation and assistance for Plant Physiology, General Biology II, General Ecology): Frostburg State University, Frostburg, MD
- 1992 Inventory Forester (timber and natural regeneration inventory, forest stand map revisions): International Paper, Coudersport, PA
- 1991 Summer Consulting Forester (Tree Farm inspections, writing management plans for landowners, woodyard inventory, construction of Pennsylvania's Tree Farm display): Appleton Papers Inc., Roaring Spring, PA
- 1991 Forest Technician/Research Assistant (timber cruising, research library maintenance, permanent plot data entry, tree canopy mapping and digitizing): School of Forest Resources, Pennsylvania State University, University Park, PA

PEER-REVIEWED PUBLICATIONS

- Caputo, J., C.M. Beier, P.M. Groffman, D.A. Burns, F.D. Beall, P.W. Hazlett, and T.E. Yorks. 2016. Effects of Harvesting Forest Biomass on Water and Climate Regulation Services: A Synthesis of Long-Term Ecosystem Experiments in Eastern North America. *Ecosystems*. 19:271-283.
- Hnatkovich, A.M., and T.E. Yorks. 2009. Current status and future development of the only *Chamaecyparis thyoides* (Atlantic white-cedar) population in Pennsylvania. *Natural Areas Journal* 29:216-223.
- Yorks, T.E., and K.B. Adams. 2005. Ice storm impact and management implications for jack pine and pitch pine stands in New York, USA. *Forestry Chronicle* 81:502-515.
- Forrester, J.A., T.E. Yorks, and D.J. Leopold. 2005. Arboreal vegetation, coarse woody debris, and disturbance history of mature and old-growth stands in a coniferous forested wetland. *Journal of the Torrey Botanical Society* 132:252-261.
- Yorks, T.E., D.J. Leopold, and D.J. Raynal. 2003. Effects of *Tsuga canadensis* mortality on soil water chemistry and understory vegetation: possible consequences of an invasive insect herbivore. *Canadian Journal of Forest Research* 33:1525-1537.
- Yorks, T.E., and K.B. Adams. 2003. Restoration cutting as a management tool for regenerating *Pinus banksiana* after ice storm damage. *Forest Ecology and Management* 177:85-94.
- Yorks, T.E., and P.J. McHale. 2000. Effects of cold storage on anion, ammonium, and total nitrogen concentrations in soil water. *Communications in Soil Science and Plant Analysis* 31:141-148.

- Yorks, T.E., S. Dabydeen, and P.J. Smallidge. 2000. Understory vegetation-environment relationships in clearcut and mature secondary forests of western Maryland. *Northeastern Naturalist* 7:205-220.
- Yorks, T.E., D.J. Leopold, and D.J. Raynal. 2000. Vascular plant propagule banks of six eastern hemlock stands in the Catskill Mountains of New York. *Journal of the Torrey Botanical Society* 127:87-93.
- Yorks, T.E., and S. Dabydeen. 1999. Seasonal and successional understory vascular plant diversity in second-growth hardwood clearcuts of western Maryland, USA. *Forest Ecology and Management* 119:217-230.
- Dabydeen, S., and T.E. Yorks. 1996. Additions to the flora of Cranberry Swamp, Finzel, Maryland. *Maryland Naturalist* 40:1-2.

OTHER TECHNICAL PUBLICATIONS

- Yorks, T.E. 2002. Influence of hemlock mortality on soil water chemistry and ground flora. Pp. 47-49 (Abstract) In: Onken, B., R. Reardon, and J. Lashomb (eds.). *Proceedings: Symposium on the Hemlock Woolly Adelgid in Eastern North America* (New Brunswick, NJ: Feb. 5-7, 2002). Rutgers Cooperative Extension, New Jersey Agricultural Experiment Station.
- Yorks, T.E., J.C. Jenkins, D.J. Leopold, D.J. Raynal, and D.A. Orwig. 2000. Influences of eastern hemlock mortality on nutrient cycling. Pp. 126-133 In: McManus, K.A., K.S. Shields, and D.R. Suoto (eds.). *Proceedings: Symposium on Sustainable Management of Hemlock Ecosystems in Eastern North America* (Durham, NH: June 1999). USDA Forest Service Northeastern Experiment Station General Technical Report NE-267.
- Yorks, T.E. 1999. A stackable wooden litter trap. *Journal of Forestry* 97(10): p. 8 in "Focus" section.
- Yorks, T.E., and S. Dabydeen. 1998. Modification of Whittaker's Sampling Technique to assess plant diversity in forested natural areas. *Natural Areas Journal* 18:185-189.
- Yorks, T.E., and S. Dabydeen. 1996. Monitoring understory forest vegetation in New York state. Pp. 51-61 In: Stehman, S.V. (ed.). *Developing a statistically valid sampling strategy for regional monitoring of forest resources in New York State*. New York Center for Forest Research and Development, Syracuse, NY.

MANUSCRIPTS IN PREPARATION

- Yorks, T.E., A.S. Eallonardo Jr., D.J. Leopold, D.J. Raynal, P.S. Murdoch, and D.A. Burns. Vegetative and biogeochemical response of northern hardwood forests in the Catskill Mountains (New York, USA) to several harvesting intensities and herbivory by white-tailed deer. Preparing for submission to *Forest Ecology and Management*.
- VanDerKrake, A., J.F. Everard, S.E. Prindle, and T.E. Yorks. Littoral Zone Fish Community Study of Cazenovia Lake, Madison County, New York.
- Yorks, T.E., D.J. Leopold, D.J. Raynal, M.J. Mitchell, and G.G. McGee. Influences of disturbance duration and severity on nutrient loss to soil and stream water in forested ecosystems.

INVITED PRESENTATIONS (*current or former student author)

- Barnes*, M.C., L.J. Lindenfeld*, and O.F. Vosburg*. (Faculty mentor: T.E. Yorks). 2017. *Phosphorus, fish, and frog-bit*. Presentation at Cazenovia Lake Summit. Cazenovia, NY.
- Yorks, T.E. 2017. *Trap-netting Hatch Lake and Bradley Brook Reservoir*. Presentation at Annual Meeting of the Hatch and Bradley Brook Lakes Association. Eaton, NY.
- Yorks, T.E. 2016. *Phosphorus in and around the lake*. Presentation at Cazenovia Lake Summit. Cazenovia, NY.
- Yorks, T.E. 2015. *Chittenango Creek: Watershed to Water to Fish*. Keynote presentation at Central New York Chapter of the North Country Trail Association's annual meeting.
- Yorks, T.E. 2015. *Cazenovia Lake fish community after the 2015 walleye stocking*. Presentation at Cazenovia Lake Summit. Cazenovia, NY.
- Yorks, T.E., and J.M. Barnes. 2015. *Tree Campus USA: 6 years at Cazenovia College*. Presentation at Tree City/Line/Campus USA Recognition Ceremony & Conference sponsored by NYS Department of Environmental Conservation. Albany, NY.
- Yorks, T.E. 2014. *Cazenovia Lake fish community: 2012 & 2013*. Presentation at Cazenovia Lake Summit. Cazenovia, NY.
- Yorks, T.E., K.M. Wiczorek, and R.R. Adams. 2013. *Getting everyone's feet wet in science education*. Keynote presentation at Upstate New York Science Librarians Annual Meeting. Cazenovia, NY.
- Yorks, T.E. 2006. *Landscape for a healthy lake: Landscape plant species for central New York lake shorelines*. Public presentation sponsored by the Cazenovia Area Community Development Association. Cazenovia, NY.
- McCrimmon, D. (Moderator), Hager, B., R. Jezer, C.R. Smith, and Yorks, T.E. (Facilitators). 2006. Panel Discussion on *Environment in the Aftermath*. 5th Annual Wheler Conference on World Affairs. Cazenovia College, Cazenovia, NY.
- Yorks, T.E. 2004. *Potential influences of atmospheric deposition on New York City's water supply and management possibilities*. 4th Annual Symposium of the Atmospheric Sciences. California, PA
- Yorks, T.E., D.J. Leopold, D.J. Raynal, P.S. Murdoch, and D.A. Burns. 2003. *Effects of harvesting intensity and herbivory by white-tailed deer on vegetation and nutrient uptake in a northern hardwood forest*. American Geophysical Union 2003 Fall Meeting, Special Session: The Effects of Forest Disturbance on Watershed Processes: Hydrology, Soils, Biota, and Water Chemistry. San Francisco, CA.
- Yorks, T.E. 2002. *Influence of hemlock mortality on soil water chemistry and ground flora*. Hemlock Woolly Adelgid Symposium sponsored by the USDA Forest Service. East Brunswick, NJ.
- Yorks, T.E. 2001. *Ecosystem impacts of deer on hardwood forests*. New York Society of American Foresters Winter Meeting: The Role of Deer in Hardwood Silviculture. Syracuse, NY.

ORGANIZED WORKSHOPS

Yorks, T.E. 2004. *Science vs. Application in Undergraduate Wetland Education: What is the Balance?* Workshop at the 87th Annual Meeting of the Ecological Society of America, Portland, OR.

OTHER PRESENTATIONS (*current or former student author)

SM 311: Global Environmental Issues and Perspectives class* (Faculty mentor: T.E. Yorks). 2018. *Photovoltaics, wind power, and solar thermal*. Presentation/demonstration table at Seize the Power: Renewable Energy Fair & Youth Science Fair, Cazenovia, NY.

Yorks, T.E. 2012. *Drinks for 9 Million: Water's 100-mile Journey from The Catskill Mountains to New York City*. Great Minds, Great Ideas (Cazenovia College Library Lecture Series), Cazenovia and Manlius Public Libraries.

Martin, J.W.*, D.B. Sutphin*, A.J. VanDerKrake*, and J.D. Chase*. (Faculty mentor: T.E. Yorks). 2012. *Cazenovia College Solar Power*. Poster presentation at the Shades of Green in Madison County: A Green Living Experience Conference, Morrisville, NY.

Yorks, T.E. 2011. *Littoral Zone Fish Community of Cazenovia Lake*. Poster presentation at Northeast Natural History Conference, Albany, NY.

Buracchi*, L., R. Adams*, J. Luce*, T. Yorks. 2010. *Littoral Zone Fish Communities of Four Madison County Lakes*. Poster presentation at Lake, Stream and Watershed Issues Conference at Hamilton College, Clinton, NY.

Denhoff*, L.A., J. Livermore, and T.E. Yorks. 2010. *Fish Communities of Stoney Pond, Carpenter Pond, and Cazenovia Lake (Madison County, NY)*. Poster presentation at Great Lakes Research Consortium Conference, Syracuse, NY.

Yorks, T.E. 2008. *Construction of the Panama Canal*. Great Minds, Great Ideas (Cazenovia College Library Lecture Series), Cazenovia and Manlius Public Libraries.

Hnatkovich*, A.M., and T.E. Yorks. 2006. *Status and future development of the only remaining population of the only Atlantic white-cedar population in Pennsylvania*. Poster presentation at Northeast Natural History Conference IX, Albany, NY.

Eallonardo Jr., A.S., T.E. Yorks, D.J. Leopold, and D.J. Raynal. 2005. *The impacts of white-tailed deer (*Odocoileus virginianus*) herbivory on nitrogen contents, biomass and diversity of tree and herbaceous species eight years following clearcutting*. Poster presentation at 88th Annual Meeting of the Ecological Society of America, Montreal, Quebec.

Yorks, T.E., A.M. Hnatkovich*, and N.N. Thumser. 2004. *Current status of the only remaining population of *Chamaecyparis thyoides* in Pennsylvania and a proposed change in its status*. Oral presentation at the 2004 Pennsylvania Rare Plant Forum, Harrisburg, PA.

Yorks, T.E., and K.B. Adams. 2004. *Ice storm impact and management implications for jack pine and pitch pine stands in northeastern New York*. Poster presentation at 87th Annual Meeting of the Ecological Society of America, Portland, OR.

Donaldson, L.A.*, J.L. Waggett*, and A.M. Hnatkovich*. (Faculty mentor: T.E. Yorks). 2003 & 2004. *Relationship between tree age and size for the invasive tree-of-heaven (*Ailanthus altissima*)*. Poster presentations at the CUP Fall 2003 Student Scholarship and Creativity Day and the 2004 Mid-Atlantic Ecological Society of America Conference.

- Hnatkovich, A.M.* (Faculty mentor: T.E. Yorks). 2003 & 2004. *Natural or chemical control: a comparison of the salinity and glyphosate treatment of Japanese Barberry (Berberis thunbergii DC)*. Poster presentation at the CUP Fall 2003 Student Scholarship and Creativity Day and the 2004 Mid-Atlantic Ecological Society of America Conference.
- Zinn, J.D.* (Faculty mentor: T.E. Yorks). 2003 & 2004. *Relationships between an invasive plant species, Japanese knotweed (Polygonum cuspidatum), and understory vegetation in a riparian zone in southwestern Pennsylvania*. Poster presentations at the CUP Fall 2003 Student Scholarship and Creativity Day and the 2004 Mid-Atlantic Ecological Society of America Conference.
- Hnatkovich, A.M.*, J.L. Waggett*, T.E. Yorks, P. Sible, W.A. Steffen. 2003. *Construction of a searchable, internet-accessible database for the John Franklin Lewis Herbarium at the California University of Pennsylvania*. Oral presentation at Commonwealth of Pennsylvania University Biologists 34th Annual Meeting, Shippensburg, PA.
- Lloyd, S., and T.E. Yorks. 2003. *Art and science collaboration*. Poster presentation at CUP FPDC Service and Service-Learning Poster Session, California, PA.
- Lohr, A.S.* (Faculty mentor: T.E. Yorks). 2003. *Invasive and exotic plants of southeastern Florida*. Poster presentation at the CUP Spring 2003 Student Scholarship and Creativity Day.
- Yorks, T.E., D.J. Leopold, and D.J. Raynal. 2001. *Potential biogeochemical and vegetative consequences of an invasive insect herbivore in Tsuga canadensis stands*. Oral presentation at 86th Annual Meeting of the Ecological Society of America, Madison, WI.
- Murdoch, P.S., D.A. Burns, T.E. Yorks, D.J. Leopold, and D.J. Raynal. 2001. *Biogeochemical response of northern hardwood forests in the Catskill Mountains to several harvesting intensities*. Poster presentation at 86th Annual Meeting of the Ecological Society of America, Madison, WI.
- Yorks, T.E., D.J. Leopold, et al. 2001. *Effects of the 1998 ice storm on New York's forests and management implications*. Oral presentation at Ice, Trees, and People: An Integration of Research, Education, and Management, Syracuse, NY. Sponsored by New York State Department of Environmental Conservation.
- Yorks, T.E., and K.B. Adams. 2001. *Ice storm damage and management implications for the rare jack pine-pitch pine barrens in northeastern New York*. Poster presentation at Ice, Trees, and People: An Integration of Research, Education, and Management, Syracuse, NY. Sponsored by New York State Department of Environmental Conservation.
- Yorks, T.E., and K.B. Adams. 2000. *Ice storm impact and management implications for a pine barrens in northeastern New York*. Oral presentation at Ice Storm 1998 Forest Research Conference, Ottawa, ON.
- Yorks, T.E. et al. 1999. *Ice storm effects on the forest ecosystems of northern New York State*. Oral presentation at Expanding Your Forest Management Options: Tools and Products. New York Society of American Foresters Summer Meeting, Lake Placid, NY.
- Yorks, T.E., J.C. Jenkins, D.J. Leopold, D.J. Raynal, and D.A. Orwig. 1999. *Influences of eastern hemlock mortality on nutrient cycling*. Oral presentation: Symposium on Sustainable Management of Hemlock Ecosystems in Eastern North America. Durham, NH. Sponsored by USDA Forest Service.

Yorks, T.E., D.J. Leopold, and D.J. Raynal. 1999. *Vascular plant propagule banks of six eastern hemlock stands and potential response to the hemlock woolly adelgid in the Catskill Mountains of New York*. Poster presentation: Symposium on Sustainable Management of Hemlock Ecosystems in Eastern North America, Durham, NH. Sponsored by USDA Forest Service.

GRANTS RECEIVED

- 2018: Yorks, T.E. *Undergraduate Students' Study of Aquatic Plants and Animals Using Waterproof Action Cameras*. \$980 from 21st Century Fund for Innovation (Cazenovia College).
- 2018: Yorks, T.E. *Participation of Global Environmental Issues class in an Energy Symposium*. \$820 grant from Cazenovia College Teaching Development Faculty Steering Committee Mini-Grant Program.
- 2017: co-authored with L. Lines (Cazenovia Area Community Development Association) and submitted on behalf of Town of Cazenovia. *Eradication of Hydrocharis morsus-ranae (European Frog-bit) in Cazenovia Lake*. \$48,000 grant from NYSDEC's 2017 Invasive Species Rapid Response and Control Grant Program.
- 2016: Yorks, T.E. *Support for a student-run, open-to-the-public Bio-Blitz at Carpenter's Pond*. \$300 grant from Cazenovia College Teaching Development Faculty Steering Committee Mini-Grant Program.
- 2016: Yorks, T.E. *Assessment of fish communities in Hatch Lake and Bradley Brook Reservoir*. \$600 grant from Hatch and Bradley Brook Lakes Association.
- 2016: Yorks, T.E. *Construction of rain barrels and functional models of local watersheds by SM 402: Watershed Management and A 13-foot long illustration of 183 life-size fish species to improve student learning*. \$500 grant from Cazenovia College Teaching Development Faculty Steering Committee Mini-Grant Program.
- 2014: Yorks, T.E. *Incorporation of benthic macroinvertebrate & streamwater quality sampling into summer enrichment programs*. \$400 grant for supplies from the *Creek Freaks* Program of the Izaak Walton League of America.
- 2014: Yorks, T.E. *U.S. Department of Energy Laboratory Equipment Donation Program*. Acquisition of used James Instruments M-60 Moisture Meter. Original Acquisition Cost = \$550.
- 2013: Yorks, T.E., and K.M. Wieczorek. *Two after-school programs for middle school students to study stream and lake fish communities in Central New York*. \$5,000 from Connect a Million Minds (Time Warner Cable).
- 2012: Yorks, T.E. *Purchase of trap-net to support fisheries biology studies*. \$3,895 from Cazenovia Lake Association.
- 2012: Buckhout, C., and T.E. Yorks, *Enhancing scientific learning through the use of an ELMO unit*. \$1,000 from 21st Century Fund for Innovation (Cazenovia College).
- 2012: Yorks, T.E. *U.S. Department of Energy Laboratory Equipment Donation Program*. Acquisition of used Lindburg Model 53016 Laboratory Hot Plate. Original Acquisition Cost = \$1,300.
- 2011: Yorks, T.E., K.M. Wieczorek, and M.E. Clark. *An after-school collaborative study of freshwater fish communities by middle school and college students*. \$8,000 from Connect a Million Minds (Time Warner Cable).

- 2011: Yorks, T.E. *Establishment of a Trout in the Classroom project to raise brook trout from eggs*. \$1,200 from 21st Century Fund for Innovation (Cazenovia College).
- 2011: Yorks, T.E. Grant to present *Littoral zone fish community of Cazenovia Lake* at the Northeast Natural History Conference (Albany, NY). \$338 from Pinet Fund for Faculty and Staff Development (Cazenovia College).
- 2011: Livermore, J., and T.E. Yorks. *Methods of statistical analysis and error for owl pellet study*. \$400 Mini-Grant from Teaching Development Faculty Steering Committee (Cazenovia College).
- 2010: Yorks, T.E. *Equipment to improve fish community sampling in natural sciences courses*. \$720 from 21st Century Fund for Innovation (Cazenovia College).
- 2010: Yorks, T.E. Grant to present *Littoral zone fish communities of four Madison County Lakes* at the Lake, Stream and Watershed Conference (Clinton, NY). \$60 from Pinet Fund for Faculty and Staff Development (Cazenovia College).
- 2008: Yorks, T.E. *Support for Creatures of the Shallows: A children's aquatic ecology summer program at Cazenovia College*. \$2,060 from Central New York Community Foundation.
- 2007: Yorks, T.E. *Development of campus retention ponds as outdoor laboratories*. \$500 from 21st Century Fund for Innovation (Cazenovia College).
- 2005: Yorks, T.E., and B. Hager. *Assessment of seasonal water quality and aquatic invertebrate communities in Cazenovia Lake's tributaries and outflow*. \$2,100 from Cazenovia Lake Foundation.
- 2005-2008: Yorks, T.E. *Energy-Related Laboratory Equipment Grant Program: >40 acquisitions of laboratory supplies and equipment from U.S. Department of Energy Used Energy-Related Laboratory Equipment Grant Program*. Total estimated "Original Acquisition Costs" of \$16,000 (Actual value of these items is much less due to age and normal wear and tear).
- 2005: Cazenovia College Environmental Studies Program. \$10,000 gift from Niagara Mohawk. (in collaboration with H. Couture, Director of Corporate Foundation and Government Relations, and B. Hager, Director of Environmental Studies Program).
- 2004-07: Kimmel, W.G., D.G. Argent and T.E. Yorks (subcontract with Pennsylvania Consortium for Scientific Assistance to Watersheds). *A Proposal for Program Management and Scientific Technical Assistance for all Watersheds of Pennsylvania*. \$16,000 from the Pennsylvania Department of Environmental Protection Growing Greener Technical Assistance Program: Watershed & Source Water Grant.
- 2004: Yorks, T.E. *Used energy-related equipment grant* for acquisition of a First-Weigh Electronic Scale (orig. acquisition cost and replacement value of \$800) from U.S. Department of Energy Used Energy-Related Laboratory Equipment Grant Program. Grant No. DE-FG26-04NT42043.
- 2003: Yorks, T.E., and D.G. Argent. *Survey-quality Global Positioning System (GPS) to enhance a broad range of field research*. \$12,000 from the USDA National Research Initiative Competitive Grants Program (Equipment Grant).

- 2003: Yorks, T.E., N.N. Thumser, and D.G. Argent. *Geographic Information Systems (GIS) Software Grant*. \$3,000 from the Pennsylvania Department of Environmental Protection.
- 2003: Yorks, T.E. *Current status and future development of the only remaining Atlantic white-cedar population in Pennsylvania*. \$4,000 from the CUP Faculty Professional Development Center Annual Grant Program.
- 2003: Yorks, T.E. *Used energy-related equipment grant* for acquisition of a CEM Microwave Moisture Analyzer. (orig. acquisition cost of \$12,700) and a Glas-Col 3D Shaker. (replacement value of \$4,300) from U.S. Department of Energy Used Energy-Related Laboratory Equipment Grant Program.
- 2003: Yorks, T.E. *Construction of a virtual guide for the California University of Pennsylvania's arboretum*. \$750 Spring 2003 Small Grant from the CUP Faculty Professional Development Center Technology Subcommittee.
- 2003: Kimmel, W.G., D.G. Argent and T.E. Yorks (subcontract with Pennsylvania Consortium for Scientific Assistance to Watersheds). \$30,000 from the Pennsylvania Department of Environmental Protection Growing Greener Technical Assistance Grant Program.
- 2003: Yorks, T.E., and D.G. Argent. Water Resources Education Network Training Scholarship (\$100) for ArcView 8.1 Class at the Pennsylvania State University, State College, PA.
- 2002: USDA Forest Service Travel Grant (\$500) for invited presentation at the Hemlock Woolly Adelgid Symposium, East Brunswick, NJ (February 5-7).
- 2002: Hnatkovich, A.M. (faculty mentor: T.E. Yorks). *Evaluation of salt-water foliar spray as a potential alternative to glyphosate (commercial herbicide) as a control method for the exotic and invasive Japanese barberry (*Berberis thunbergii* DC)*. \$200 from Council of Pennsylvania University Biologists' Summer Research Grant Program.
- 2002: CUP Faculty Professional Development Center Travel Grant (\$250) to attend the Society of Wetland Scientists 23rd Annual Conference, Lake Placid, NY (June 2-7).
- 2001: Leopold, D.J., K.B. Adams, and T.E. Yorks. *Ice storm effects on the forest ecosystems of northern New York State, Forest plant communities: tree, shrub, and herb response*. \$20,000 from New York State Department of Environmental Conservation and USDA Forest Service.
- 1997: Travel grant (\$250) to attend the Gordon Conference on Hydrobiogeochemistry of Forested Watersheds, New London, NH (August 3-8).
- 1996: Travel grant (\$600) from the US Environmental Protection Agency to attend the American Geophysical Union Chapman Conference on Nitrogen Cycling in Forested Catchments, Sunriver, OR (September 16-20).
- 1993: Dabydeen, S., and T.E. Yorks. *Successional revegetation in second-growth hardwood clearcuts in western Maryland*. \$750 Faculty Development Grant from Frostburg State University.

SERVICE - Cazenovia College Councils and Committees

- 2011-2016, 2017-2019: Rank and Tenure Committee (chair 2017-18)
- 2009-present: Faculty representative on Tree Care Committee, helped campus earn "Tree Campus USA" recognition from National Arbor Day Foundation annually since 2009.
- 2006-2014, 2016-present: Faculty Advisor for Environmental Club (student club; formerly Cazenovia Conservation Corps)

2017-present: Faculty Advisor for Fishing Club (student club)
2013-2016: Faculty Council
2016: Search Committee Chair for tenure-track position in biology
2015-2017: Mentor of tenure-track faculty member in Inclusive Adolescence Education
2013-2014: Faculty Advisor for Outdoor Adventure Club (student club)
2011-2012: Search Committee Chair for tenure-track position in chemistry/physical science
2006-2012: Council on Long Range Planning
 2011-2012, 2009-2010, 2008-2009: Chair of Council on Long Range Planning
2006-2012: First Year Committee
2010-2011: Internship Committee
2007-2010: Council on Student Affairs
 2007-2008: Chair of Council on Student Affairs
2008: Library Task Force (under Faculty Council)
2007-2008: Search Committee for Mathematics Instructor
2006-2007: Academic Affairs Workgroup (2007-2012 Strategic Plan)
2006-2007: Sustainability Initiative
2005-2007: Committee on Academic Honesty

SERVICE - Other

2016: volunteer Special Awards Judge at Central New York Science and Engineering Fair
2012-present: Instructor for Creatures of the Deep and Creatures of the Creek, two different summer fisheries biology/aquatic ecology programs for children in grades 5-8 offered through Office of Extended Learning, Cazenovia College
2012-present: help organize annual *Science is Fun!* night for local children and their families
2008-present: Instructor for Creatures of the Shallows, a summer aquatic ecology program for children aged 8-11 yr offered through Office of Extended Learning, Cazenovia College
2012-present: Cazenovia Preservation Foundation Board of Directors (Trails Committee: 2005-2009)
2009-present: Cazenovia Lake Association Board of Directors (Environmental Committee when it was active in 2005)
2006-present: Volunteer judge and/or demonstrator for Burton Street Elementary School Science Fair, sponsored by Burton Street PTA
2006-2010, 2012-2013: Live fish demonstration as part of annual Lake Week program for fourth-grade students at Burton Street Elementary School
2008-present: Tree Commission volunteer, Village of Cazenovia
2012: Non-game fish and brook trout display at CNY Sportsman Show (Oneida, NY)
2005-2010: Science instruction at various Cub Scout events (day and overnight camps, Belt Loop Blitz)
2008-2009: member of Stone Quarry Hill Art Park's Building and Grounds Committee
2004: *Forestry* Event Supervisor for Science Olympiad at CUP

2003-2004: Instructor for *Land Cover/Biology* protocols at CUP for the Global Learning and Observations to Benefit the Environment (GLOBE) Program (3 workshops for K-12 teachers)

2003 & 2004: Organized *Webpage Creation for the Technologically-Challenged* workshop for CUP faculty (sponsored by CUP Faculty Professional Development Center)

2003: Presentation of *Computers, digital images, and the Internet as tools for student projects* at annual CUP Faculty Professional Development Technology Conference

2002-2004: Department of Biological and Environmental Sciences (CUP):
 Curator of John Franklin Lewis Herbarium
 Construction/maintenance of website with searchable herbarium database (>1,000 records)
 Recruitment and Public Relations Committee
 Graduate Committee
 Development of *ENS 475: Wetlands Ecology* into a “Writing Intensive” course
 Member of graduate steering committees:
 2004: N. Bungard, J. Causer-Nicholls, N. Ganacoplis, K. Jesiolowski, A. Lenig, S. Steel;
 2003: R. Zwier; 2002: M.J. Kowalski, J.E. Rasmussen
 Search Committees for tenure-track Geneticist and Laboratory Technician positions (2003)
 Search Committee for tenure-track Wildlife Biologist position (2004)

2002-2004: California University of Pennsylvania:
 Curriculum Committee
 Faculty Professional Development Center: Teaching & Learning Subcommittee

1994: Field trip leader for Joint Field Meeting of Botanical Society of America, Torrey Botanical Club, and Philadelphia Botanical Club, Frostburg State University, Frostburg, MD.

Reviewer for *Biodiversity and Conservation, Biogeochemistry, Biological Invasions, Canadian Journal of Forest Research, Ecological Applications, International Journal of Plant Science, Journal of Forestry, Natural Areas Journal, Pearson Education, Plattsburgh State University e-journal*

PROFESSIONAL DEVELOPMENT

2017: Attended *14th Annual Symposium on Energy in the 21st Century: Creating Resiliency for the Future with Cleaner, More Affordable Renewable*, East Syracuse, NY

2017: Participated in *Aquatic Organism Passage and North Atlantic Aquatic Connectivity Collaborative Primer & Field Demonstration* at 2018 New York State Wetlands Forum’s Annual Meeting, Watkins Glen, NY

2017: Completion of US Department of Interior’s *Principles and Techniques of Electrofishing* course

2015-pres.: monthly Chittenango Creek water quality monitoring (dissolved oxygen, pH, total hardness, and water temperature) with Madison County Chapter of Trout Unlimited.

2014: Participated in *Creek Freaks Program Leaders Training* workshop (16 contact hrs), sponsored by Izaak Walton League of America, Cazenovia, NY.

2013: Attended *Managing Lakes in a Changing World*, New York State Federation of Lake Association’s 30th Annual Conference, Hamilton, NY.

2013: Tree City/Tree Campus/Tree Line USA Conference and Recognition Ceremony (NYS Dept. of Env. Conserv. & NYS Urban Forestry Council), Albany, NY.

- 2013: Workshop: Roots on Steroids – Bare Root Tree Planting in CNY: The Missouri Gravelbed Growing System (Cazenovia Village Tree Commission), Cazenovia, NY.
- 2013: Completed American Red Cross Adult and Pediatric First Aid/CPR/AED course.
- 2012: Attended *After the Storm*, New York State Federation of Lake Association's 29th Annual Conference, Hamilton, NY.
- 2012: Attended *Shades of Green in Madison County: A Green Living Conference*, Morrisville, NY.
- 2011: Participated in *POW! The Planning of Wetlands* workshop, Syracuse, NY.
- 2011, 2008, 2006: Attended *Northeast Natural History Conference*, Albany, NY.
- 2010: Attended *Lake, Stream and Watershed Issues Conference* at Hamilton College, Clinton, NY.
- 2009, 2008: Attended *Oneida Lake Watershed Conference*, Cicero, NY.
- 2010, 2009, 2008, 2007, 2006, 2005: Attended *Energy in the 21st Century Symposium* at Cazenovia College (in conjunction with The Center for Economic and Environmental Partnership Inc.), Cazenovia, NY.
- 2008: Participated in Northeast Wetland Restoration Institute, a week-long course in wetland restoration and construction, Campbell, NY.
- 2004: Participated in *Development of a University Arboretum Workshop* at 35th Annual Meeting of the Commonwealth of University Biologists at Indiana University of PA, Indiana, PA.
- 2003: *GIS Training: ArcView 8.1 Class* at the Pennsylvania State University.
- 2003: Participated in *GLOBE Train-the-Trainer Workshop* (Land Cover/Biology and Atmosphere Protocols) at Fairmont, WV. Hosted by The EdVenture Group and NASA IV&V Facility.
- 2003: Participated in *GLOBE Partner Implementation Workshop* at CUP.
- 2003: Participated in four separate workshops sponsored by CUP Faculty Professional Development Center: *How to Run a Successful Field Experience*, *Organization of the University/State System*, *Post-award Administration of Grants*, *How to Combine Teaching and Research*.
- 2002: Participated in *Teaching with Writing Workshop Series*. Sponsored by CUP Faculty Professional Development Center.
- 2002: Participated in *Issues Education Workshop* in State College, PA. Sponsored by Pennsylvania Center for Environmental Education.
- 2002: Attended Society of Wetlands Scientists Annual Meeting in Lake Placid, NY.

MEMBERSHIPS/AWARDS

- Past and/or current member of the American Fisheries Society, Ecological Society of America, New York State Federation of Lake Associations, New York State Wetlands Forum, Society of Wetland Scientists, Society of American Foresters, and Xi Sigma Pi honorary forestry fraternity
- 2000: SUNY-ESF Graduate Student Association Research Award
- 1997: Frostburg State University Biology Department Outstanding Graduate Student in Applied Ecology & Conservation Biology

1992: Pennsylvania State University School of Forest Resources Outstanding Senior Award

1991: D.E. Hess - The Glatfelter Pulp Wood Company Scholarship

1990: Ferguson-Cope Forestry Award

1990: John and Nancy Steimer Scholarship