
Curriculum Vitae of Daniel L Kelting

Executive Director, Adirondack Watershed Institute
Spaulding-Paolozzi Professor of Environmental Sciences
Paul Smith's College
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Education

Pennsylvania State University	Institutional Research	Grad Cert	2019
Virginia Tech	Soil Science	Ph.D.	1999
Virginia Tech	Forest Science	M.S.	1995
SUNY College of Environmental Science and Forestry	Resource Management	B.S.	1990
SUNY Ranger School	Forest Technology	A.A.S.	1987

Administrative and Faculty Appointments

Administrative Appointments

2003 to present	Executive Director, Adirondack Watershed Institute, Paul Smith's College
2017 to present	College Grants Officer, Paul Smith's College
2015 to 2016	Interim Dean, School of Natural Resources, Paul Smith's College
1999 to 2003	Co-Director, Forest Nutrition Cooperative, North Carolina State University

Faculty Appointments

2012 to present	Spaulding-Paolozzi Professor of Environmental Sciences
2010 to 2012	Professor, Paul Smith's College
2003 to 2010	Associate Professor, Paul Smith's College
1999 to 2003	Assistant Professor, North Carolina State University

Highlights of Administrative Achievements

Paul Smith's College is a private not-for-profit residential college deeply committed to immersive learning. It offers Associate and Bachelor's degrees in Biology, Business, Conservation, Culinary Arts, Environmental Science, Ecological Restoration, Fish and Wildlife, Forestry, Hospitality, and Recreation. It has approximately 900 full-time students and 50 full-time faculty.

The Adirondack Watershed Institute (AWI) is a program of Paul Smith's College. The AWI mission is to create new knowledge about terrestrial and aquatic ecosystems, to provide work and research experiences to students, and to engage the Adirondack community in ways that encourage stewardship of our natural resources. The AWI has the largest water quality monitoring and invasive species management programs in northern New York State and accomplishes its mission through active partnerships with lake and river associations, state and federal agencies, local government, environmental non-governmental organizations, and private foundations.

- Executive Director, Adirondack Watershed Institute. 2003 to present.
 - Took a small local and relatively unknown program and grew it into a widely recognized and highly respected regional program
 - Increased program revenue from less than \$100,000 per year to nearly \$2 million per year, and diversified and stabilized revenue sources
 - Prepared, negotiated, and managed multiple grants from public and private sources
 - Provided strategic direction for programs, set our research agenda and supervised all research projects
 - Supervised 7 full-time staff, encouraged their professional growth, and worked with them to build a productive atmosphere wherein everyone felt vested in our success

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- Represented and promoted AWI to external stakeholders and communicated research findings at meetings, in reports, and through the press (print, radio, and television)
- Worked closely with the President and VP of Institutional Advancement on a capital campaign to build a \$2.5 million facility to house AWI, and was directly responsible for raising \$1.3 million of the total cost
- College Grants Officer. 2017 to present.
 - Worked with the Provost to identify grant opportunities for faculty and staff
 - Encouraged faculty and staff to apply for grants and assisted them with preparing and submitting grant applications
 - Facilitated submission of five grant applications, three of which were awarded, totaling \$1.3 million
- Interim Dean, School of Natural Resources Management & Ecology. 2015 to 2016.
 - Lead school with 5 departments, 20 faculty, and 500 students
 - Reinvigorated faculty evaluations and program assessments
 - Analyzed student performance data to identify areas for student improvement
 - Presented findings to faculty and the PSC Board of Trustees
 - Worked with faculty to implement course changes to enhance academic success
 - Developed a report on recommendations for improving academic success using NSSE data
 - Served on President's Senior Leadership Team
 - Served on Strategic Planning Committee and chaired a subcommittee that developed recommendations for attracting and retaining students
 - Served on MSCHE Steering Committee and as Chair of Integrity and Ethics Subcommittee
- Co-Director, Forest Nutrition Cooperative. 1999 to 2003.
 - Provided strategic direction for programs
 - Supervised 6 full-time staff
 - Prepared, negotiated and managed multiple grants from public and private sources
 - Communicated with cooperative members and managed their expectations
 - Set research agenda and supervised multiple research projects
 - Communicated research findings at meetings and in reports

Major Committee Service and Chairmanships

- Curriculum Standards Committee, Member (2015 to present)
- Retirement Investment Oversight Committee (2016 to present)
- M.S. Program Development Committee, Chair (2017 to 2018)
- MSCHE Reaccreditation Steering Committee, Subcommittee Chair (2016 to 2018)
 - Developed, administered, and reported an employee satisfaction survey
- Institutional Strategic Planning Team, Subcommittee Chair (2015 to 2016)
- Provost Search Committee, Chair (2015)
- Presidential Search Committee, Member (2014)
- Faculty Senate, Vice President (2006 to 2010)
- MSCHE Reaccreditation Team, Member and Writer (2006 to 2007)
- Professional Standards and Practice Committee, Member (2003 to 2006)
- Graduate Student Selection Committee, Member (2000 to 2003)
- Undergraduate Curriculum Review Committee, Member (2000 to 2003)
- University Undergraduate Fellowship Selection Committee, Member (2001 to 2003)
- Numerous search committees (2003 to present)

External Boards & Committees

- Adirondack Lakes Survey Corporation Board Member. 2018 to present.

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- Road Salt Reduction Task Force Member, Science Advisor. 2014 to present.
- Spaulding-Paolozzi Foundation Board Member (Secretary 2005/06). 2003 to present.
- Adirondack Council Board Member, Science Advisor. 2013 to 2016.
- Northern Ecosystems Research Consortium Committee Member. 2015 to 2016.
- Lake Champlain Basin Program Pollution Prevention Program Grants Review Committee. 2010.
- Adirondack Park Invasive Plants Program, Advisory Committee (Chair 2004/06). 2004 to present.
- Soil Science Society of America, Emil Troug Award Committee (Chair 2004/05). 2003 to 2005.
- Franklin County Water Quality Coordinating Committee Member. 2005 to 2008.

Awards & Recognition

- Certificate of Appreciation, NYS Adirondack Park Agency, 2017
- Exemplary Service Award, Adirondack Lakes Alliance, 2016
- Exemplary Service Award, Upper Saranac Foundation, 2014
- Spaulding-Paolozzi Professorship, Paul Smith's College, 2012
- Certificate of Appreciation, NYS Adirondack Park Agency, 2006
- Excellence in Presentation Award, Soil Science Society of America, 2000
- Graduate Student Commencement Speaker, Virginia Tech, 1999
- Excellence in Presentation Award, Soil Science Society of America, 1999
- Outstanding Achievement in Research Award, Society of Sigma Xi, 1999
- Academic & Professional Achievement Award, Phi Sigma Biological Honor Society, 1998
- AB Massey Superior Performance & Professionalism Award, College of Natural Resources, 1998
- Excellence in Presentation Award, Soil Science Society of America, 1998

Grant Awards (last 5 years, career total of \$6.4 million)

Laboratory and field instrumentation. \$85,000. Cloudsplitter Foundation and Spaulding-Paolozzi Foundation. Duration May 2018 to December 2018.

Paul Smith's College (PSC) Advancing Students to Careers in Ecology Program (ASCEP). \$955,738. National Science Foundation. Duration August 2017 to December 2023.

Adirondack groundwater study. \$40,000. Cloudsplitter Foundation, The FUND for Lake George, ADKAction. Duration June 2017 to March 2018.

A high frequency water quality monitoring system for Upper Saranac Lake. \$173,000. National Fish & Wildlife Foundation. Duration May 2017 to August 2019.

Aquatic invasive species rapid response team. \$500,000. The Nature Conservancy. Duration May 2014 to October 2019.

Estimating road salt effects on base cation export. \$79,000. USDA USFS. Duration May 2012 to May 2015.

AWI Endowed Professorship. \$500,000. Spaulding-Paolozzi Foundation. Duration January 2011 to May 2012.

Stream sensor network. \$20,000. Lake Champlain Basin Program. Duration May 2011 to May 2012.

Publications (last 5 years)

Kelting, D.L., and C.L. Laxson. 2018. Base cation loss from road salting with implications for acid deposition recovery. *Journal of Environmental Quality*, in press.

Laxson, C.L., Regalado, S.A., and D.L. Kelting. 2018. Evaluating the Recovery of Upper Saranac Lake, NY. *Adirondack Journal of Environmental Studies*, 24:22-38.

Regalado, S.A., and D.L. Kelting. 2018. Predicting Eurasian watermilfoil and Variable leaf milfoil occurrence in Adirondack lakes using deterministic and stochastic geographic factors. *Landscape Ecology*, in press.

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- Orefice, J., R. Smith, J. Carroll, H. Asbjornsen, and D. Kelting. 2016. Soil and understory plant dynamics during conversion of forest to silvopasture, open pasture, and woodlot. *Agroforestry Systems*, 90:1-11.
- Piché, N., and D.L. Kelting. 2015. Recovery of soil productivity with forest succession on abandoned agricultural land. *Restoration Ecology*, 23:645-654.
- Regalado, S.A., and D.L. Kelting. 2015. Landscape level estimate of lands and waters impacted by road runoff in the Adirondack Park of New York State. *Environmental Monitoring and Assessment*, 187:1-15.
- Dalinsky, S.A., L.M. Lolya, J.L. Maguder, J.L.B. Pierce, D.L. Kelting, C.L. Laxson, and D.A. Patrick. 2014. Comparing the effects of aquatic stressors on model temperate freshwater aquatic communities. *Water Air Soil Pollution*, 225, doi: 10.1007/s11270-014-2007-9.
- Evans, C.A., D.L. Kelting, E.R. Holmlund, and C.L. Laxson. 2013. Integrated milfoil research, education, and management at the Adirondack Watershed Institute of Paul Smith's College. *Adirondack Journal of Environmental Studies*, 19:5-10.
- Kelting, D.L., C.L. Laxson, and E.C. Yerger. 2012. Regional analysis of the effect of paved roads on sodium and chloride in lakes. *Water Research*, 46:2749-2758.

Invited Presentations (last 2 years)

- “Salinization of Adirondack Waters by Road Salt”, Salt Summit, Lake George, NY, October 3, 2018
- “Salinization of Adirondack Waters by Road Salt”, Saranac Lake Rotary Annual Meeting, Saranac Lake, NY, August 28, 2018
- “Salinization of Adirondack Waters by Road Salt”, Annual Meeting of the Adirondack Lakes Alliance, Paul Smiths, NY, August 8, 2018
- “Salinization of Adirondack Waters by Road Salt”, Annual Meeting of the NYS Federation of Lake Associations, Lake George, NY, May 4, 2018
- “History and Management of Aquatic Invasive Species in the Adirondack Park”, NY Audubon Society, Glens Falls, NY, April 25, 2018
- “Salinization of Adirondack Lakes by Road Salt”, seminar to biology department at SUNY Potsdam, Potsdam, NY, April 11, 2018
- “Salinization of Adirondack Lakes by Road Salt”, seminar to biology department at Clarkson University, Potsdam, NY, March 16, 2018
- “Road Salt Reduction Initiatives in the Adirondacks”, Road Salt: Reducing Impacts to the Environment and Human Health Forum, Cary Institute of Ecosystem Studies, Millbrook, NY, February 13, 2018.
- “Salinization of Adirondack Waters by Road Salt”, Adirondack Park Agency, Ray Brook, NY, November 11, 2017.
- “Salinization of Adirondack Waters by Road Salt”, Mirror Lake Salt Summit, Lake Placid, NY, November 2, 2017.
- “Variableleaf Milfoil Control”, Annual Meeting of the Long Lake Association, Long Lake, NY, August 13, 2017.
- “Salinization of Adirondack Waters by Road Salt”, Black River Watershed Conference, Old Forge, NY, June 14, 2017.
- “Ecology and Management of Invasive Milfoil Species”, St Lawrence County Environmental Management Committee, Canton, NY, April 19, 2017.
- “Modern Threats to Age-Old Waterways: Aquatic Invasive Species”, Union College Lecture Series, Schenectady, NY, April 13, 2017.

References

References available on request