

## Honors and Independent Studies

### Arens

- Michael Bloom, 2009, Testing hypotheses of black shale deposition in the Late Devonian Catskill Basin, Watkins Glen State Park, New York
- Sarah Allen, 2009, A florule from the base of the Hell Creek Formation, Garfield County, Montana: Implications for diversity, climate and environment
- Ian West (Fall 2005/Spring 2006) A general theory of mass extinction?
- Allison Callahan (Spring 2006) Causes of the Devonian mass extinction
- Nasiya Phillips (Fall 2006) Is there environmental injustice in Geneva NY? A look at the environmental justice movements and who is effected by industrial pollution in our community
- Karen Mattes (Fall 2006) Mythology of origins: Death as a creative force
- Toluwatope Osinowo (Fall 2004/Spring 2005) Effectiveness of home washing methods in sanitizing cloth diapers
- Nicole Vance (Fall 2004) Infant formula is hurting our environment and our wallets

### Curtin

- Megan Crocker, 2006, "Going with the flow: Evidence for changes in circulation in Seneca Lake, NY during the Holocene"
- Kathryn Loddengaard, 2006, "Evidence for Holocene lake level fluctuations in northern Seneca Lake, NY?"
- Clare Morgan, 2006, "Reflections on mud: Holocene climate variability recorded by laminated sediments in Canandaigua Lake, NY"
- Megan Crocker, 2005, "Going with the flow: Evidence for changes in circulation in northern Seneca Lake, NY during the Holocene"
- Robert Aspinwall, 2005, "Seismic stratigraphy and depositional architecture of Holocene sediment in Keuka Lake, NY"
- Theodore Wilson, 2005, "Reconstructing the provenance of glacial deposits and modern lake sediment in the Seneca Lake, NY watershed"
- Caitlin Rogers, 2005, "Got varves? Reconstructing Holocene climate change in Seneca Lake, NY" (Honors thesis)
- Theodore Wilson and Trevor Gowan, 2004, "The geology of Fox Run Vineyard in the Seneca Lake watershed, NY"
- Lindsay Udick, 2004, "Teaching earth science using 'Science on Seneca'"
- Andrew Baker, 2004, "Evidence of multiple highstands and lowstands during the Holocene in Seneca Lake, New York" (Honors thesis)

### Halfman

- Bush, Kathleen, 2006. A Preliminary Study of Water Quality and Water Quality Protection in the Finger Lakes. Undergraduate Honors Thesis, Hobart and William Smith Colleges. 65 pg.
- Hintz, Tana, 2004. Water quality survey and policy for the Keuka Outlet. Undergraduate Honors Thesis, Hobart and William Smith Colleges. 52 pg. Co-Advisor: Jim Ryan.
- Baldwin, Sandra M., 2002. The effect of meteorological events on chlorophyll-a concentrations. Undergraduate Honors Thesis, Hobart and William Smith Colleges. 39 pg.
- Bowser, Lindsey Paige, 2002. Nitrate loading in the Seneca Lake Watershed: Is Hog farming having an effect? Undergraduate Honors Thesis, Hobart and William Smith Colleges. 45 pg.
- Etherington, Margaret D., 2002. Influence of sedimentological factors on the distribution of *Diporeia* and *Dreissena* species in Lake Ontario. Undergraduate Honors Thesis, Hobart and William Smith Colleges. 59 pg.
- Nicolo, Micah J., 2001. Environmental transition at the end of the Mid-Holocene Hypsithermal: Evidence from the sediment of Seneca Lake. Undergraduate Honors Thesis, Hobart and William Smith Colleges. 54 pg. Co-Advisor: Leah Joseph, Environmental Studies.
- Riley, Timothy, C. 2001. Application of the HWS Data Logger to hydrological studies. Undergraduate Honors Thesis, Hobart and William Smith Colleges. 58 pg.
- Flusche, Mark A., 2000. The hydrogeochemistry of the northern sedge mat at Zurich Bog, Lyons, NY. Undergraduate Honors Thesis, Hobart and William Smith Colleges. 67 pg. High Honors.

Rumpf, Jon P., 2000. Development of an underwater housing design for use with the HWS Data Logger system. Undergraduate Honors Thesis, Hobart and William Smith Colleges. 104 pg.

**Publications in Refereed Journals and Symposia:** \*student co-authors

**Arens**

- Arens, Nan Crystal and Ian D. West\*. 2008. Press-Pulse: A general theory of mass extinction? *Paleobiology*: 34:456-471.
- Jahren, A. Hope, Nan Crystal Arens, and Stephanie A. Harbeson 2008. Prediction of atmospheric  $\delta^{13}\text{CO}_2$  using fossil plant tissues. *Reviews of Geophysics* 46: RG1002, doi:10.1029/2006RG000219. [electronic journal]
- West, Ian Derrick\* and Nan Crystal Arens, 2008. Humanity as press and pulse in the modern mass extinction. *Public Affairs Journal* 4: 17-22.
- Feild, Taylor S. and Nan Crystal Arens. 2007. The ecophysiology of early angiosperms. *Plant, Cell and Environment* 30:291-309.
- Liu, Yan-Ju, Nan Crystal Arens and Cheng-Sen Li. 2007. Range change in *Metasequoia*: Relationship to paleoclimate. *Botanical Journal of the Linnean Society* 153: 115-127.
- Liu, Yan-Ju, Yu-Jing Mu, Yong-Guan Zhu, Hui Ding and Nan Crystal Arens. 2006. Which ornamental plant species effectively remove benzene from indoor air? *Atmospheric Environment* 41:650-654.
- Jahren, A. Hope, Clinton P. Conrad, Nan Crystal Arens, Germán Mora, Carolina Lithgow-Bertelloni. 2005. A plate tectonic mechanism for methane hydrate release along subduction zones. *Earth and Planetary Science Letters* 236:691-704.
- Feild, Taylor S., Nan Crystal Arens, James A. Doyle, Todd E. Dawson and Michael J. Donoghue. 2004. Dark and Disturbed: Insights on early ecological evolution of flowering plants based on extant early-diverging lineages. *Paleobiology* 30:82-107.

**Curtin**

- Curtin, Rogers, Morgan, Petrick, Lyons, Crocker, Loddengaard, and Baker. *in review*, A record of stormy weather during the Holocene in the Finger Lakes region, New York, *Geology*.
- Curtin, Baker., and Loddengaard. *in review*. Evidence of multiple highstands and lowstands during the Holocene in Seneca Lake, New York *Northeastern Geology and Environmental Sciences*.

**Halfman**

- Halfman, J.D., C.M. Caiazza\*, R.J. Stewart\*, S.M. Opalka\*, and C.K. Morgan\*. 2006., Major ion hydrogeochemical budgets and elevated chloride concentrations in Seneca Lake, New York. *Northeastern Geology and Environmental Sciences*, v. 28, p. 324-333.
- Halfman, J.D., D.E. Dittman, R.W. Owens, and M.D. Etherington\*, 2006. Storm induced redistribution of deepwater sediments in Lake Ontario. *J of Great Lakes Research*. 32: 348-360.
- Riley\*, T.C., T.A. Endreny, and J.D. Halfman, 2006, Monitoring soil moisture and water table height with a low-cost data logger. *Computers and Geoscience*. 32: 135-140.
- Halfman, J.D., S.M. Baldwin\*, J.P. Rumpf\* and M.B. Giancarlo\*, 2001, The impact of the zebra mussel (*Dreissena polymorpha*) on the limnology, geochemistry and sedimentology of Seneca Lake, New York. Wagenet, L.P., D.A. Eckhardt, N.G. Hairston, D.E. Karig, and R. Yager, eds., *A Symposium on the Environmental Research in the Cayuga Lake Watershed*. October 12, 1999. Natural Resource, Agriculture and Engineering Service (NRAES), Cooperative Extension, Cornell University. P. 154-166.
- Dedrick\*, R.R., J.D. Halfman & D.B. McKinney, 2000. An inexpensive, microprocessor-based, data logging system. *Computers and Geoscience*. 26: 1059-1066.

**Laird**

- Laird, N. F., \*R. Sobash, and \*N. Hodas, (in press, 2009): The frequency and characteristics of lake-effect precipitation events associated with the New York State Finger Lakes. *J. Appl. Meteor. Climatol*.
- Laird, N. F., \*J. Desrochers, and \*M. Payer, (in press, 2009): Climatology of lake-effect precipitation events over Lake Champlain. *Appl. Meteor. Climatol*.

\*Cordeira, J. M. and N. F. Laird, 2008: The influence of ice cover on two lake-effect snow events over Lake Erie. *Mon. Wea. Rev.*, 136, 2747-2763.

\*Payer, M., \*J. Desrochers, and N. F. Laird, 2007: A lake-effect snowband over Lake Champlain. *Mon. Wea. Rev.*, 135, 3895-3900.

#### **Other Publications & Reports:** \*student co-authors

##### **Halfman**

Halfman, J.D., T.F. Ware\*, and K.A. O'Neill\*. 2008. The 2007 Progress Report: Phosphate and suspended sediment distribution and potential sources to southern Cayuga Lake. Finger Lakes Institute, Hobart and William Smith Colleges. 9 pg.

Halfman, J.D., E.S. Brown\*, T.F. Ware\*, K.A. O'Neill\*, C.K. Franklin\* and R.E. Dye\*, 2008. Owasco Lake, New York: Water Quality and Nutrient Sources. In: Halfman, J.D., M.E. Balyszak and S.A. Meyer (eds.), A 2007 Water Quality Study of Owasco Lake, New York. Finger Lakes Institute, Hobart and William Smith Colleges. 37 pg.

Halfman, J.D., and C.K. Franklin\*, 2008. Water Quality of Seneca Lake, New York: A 2007 Update. Finger Lakes Institute, Hobart and William Smith Colleges.

Halfman, J.D., B.L. Holler\*, and H.M. Philip\*, 2006. A preliminary water quality study of Owasco Lake, NY, and its watershed. Finger Lakes Institute, Hobart and William Smith Colleges. 26 pg.

Halfman, J.D., and K. F. Bush\*, 2006. A preliminary water quality study of selected Finger Lakes, New York. Finger Lakes Institute, Hobart and William Smith Colleges. 15 pg.

Halfman, J.D., I West\*, T.M. Hintz\*, and B.A. Beckingham\* and many other undergraduate students, 2006. Water Quality and Pollution Sources to the Keuka Outlet, 2003-2005. Report to the Torrey Ad-Hoc Water Quality Committee. 12 pg text, 13 pg data & figures.

Wood\*, D.A., and J.D. Halfman, 2005. High-resolution, seismic reflection survey of the upper sediments in Otesgo Lake, New York. SUNY Oneonta Biological Field Station Annual Report.

Dittman, D.E., Halfman, J.D., and Owens, R.W. 2005. Influence of Exotics and Physical Sedimentological Factors on *Diporeia*. Final Project Report USEPA.

Halfman, J.D., D. Wood\*, and S. Strong\*, 2004. Bathymetric Survey of Owasco Lake for the Institute for the Application of Geospatial Technology (IAGT), Auburn, New York. In-House Report, Finger Lakes Institute, Hobart and William Smith Colleges.

#### **Abstracts for Symposia, Conferences & Workshops:** \*student co-authors

##### **Arens – 2006**

Arens, N.C. and I.D. West\* 2006. Press/Pulse: A general theory of mass extinction? *Geological Society of American Abstracts with Program* 38:7:550.

##### **Arens – 2004**

Jahren, A.H., C.P. Conrad and N.C. Arens. 2004. Causes and Effects of the Aptian (~117 Ma) methane release. *Geological Society of American Abstracts with Program* 36:5:17.

##### **Arens – 2002**

Thompson, A.\* A.C. Frumes\*, S. Nosratinia\* and N.C. Arens. 2002. A morphometric and statistical approach for morpho-species assignment of pinnately-veined simple leaf species: Applications to paleobotany. *Abstracts with Program Mid-Continent Paleobotanical Colloquium*.

Arens, N.C. and A.H. Jahren. 2002. Reconstructing greenhouse-gas history from the plant fossil record: Examples from the Cretaceous. *Geochimica et Cosmochimica Acta* Abstracts of the 12<sup>th</sup> Annual V.M. Goldschmidt Conference 16:15A:A-27.

##### **Curtin – 2008**

Curtin, Tara, Megan Crocker\*, and Kathryn Loddengaard, 2008. Middle Holocene Unconformity in Seneca Lake, NY. *Eos Trans. American Geophysical Union (AGU)*, Fall Mtg Suppl.

##### **Curtin – 2007**

Crocker\*, and Curtin, 2007. Paleo-environmental significance of sediment characteristics and magnetic fabrics preserved by pos-glacial sediments. *Geological Society of America (GSA)*, Abstracts with Programs.

Wheatly, Gwen\*, and T. Curtin, 2007. Link between anisotropy of magnetic susceptibility and environmental conditions during the late Holocene in Owasco Lake. Geological Society of America (GSA), Abstracts with Programs.

#### **Curtin - 2006**

Curtin, Morgan\*, Petrick\*, Lyons\*, Rogers\*, Crocker\*, Loddengaard\*, and Baker\*, 2006. Preliminary record of Holocene storm events in the Finger Lakes, NY. Eos Trans. American Geophysical Union (AGU), Fall Mtg Suppl. 87.

Loddengaard\* and Curtin, 2006. Missing...presumed eroded: Holocene sedimentation patterns in northern Seneca Lake, NY. Eos Trans. AGU, Fall Meeting Suppl. 87.

Morgan\* and Curtin, 2006. A record of stormy weather in Canandaigua Lake, NY during the Holocene. Geological Society of America (GSA), Abstracts with Programs. 38, 7.

Petrick\*, Curtin, Halfman, Aspinwall\*, and Lyons\*, 2006. A sediment record of major storm events from Keuka Lake, NY. GSA Abstracts with Programs. 38, 7.

#### **Curtin - 2005**

Morgan\*, Curtin, Darden\*, Halfman, and Woodson\*, 2005. Reflections on mud: Holocene climate variability recorded by laminated sediments in Canandaigua Lake, NY. Eos Trans. AGU, Fall Mtg Suppl. 86.

Crocker\* and Curtin, 2005. Going with the flow: Evidence for changes in circulation in Seneca Lake, NY during the Holocene. Eos Trans. AGU, Fall Mtg Suppl. 86.

Rogers\* and Curtin, 2005. Mixing it up: A record of Holocene climate change in non-annually laminated sediment of Seneca Lake, NY. Eos Trans. AGU, Fall Mtg Suppl. 86.

Aspinwall\*, Curtin, Halfman, Lyons\*, Petrick\*, and Hafner\*, 2005. Seismic stratigraphy and depositional architecture of Holocene sediment in Keuka Lake, NY. GSA Abstracts with Programs, 37, 7.

#### **Halfman - 2008**

Halfman, J.D., K.A. O'Neill, K.A. Hoering, P. Basnet, and S.E. Georgian, 2008. Comparative Limnology of the eastern Finger Lakes: 2005 – 2008. 4th Annual Finger Lakes Research Conference Abstract Volume. 2008, Finger Lakes Institute, Hobart and William Smith Colleges, Geneva, NY.

Basnet, P., and J.D. Halfman, 2008. Sources for Bottom Water Phosphates and Suspended Sediments in Southern Cayuga Lake, New York. 4th Annual Finger Lakes Research Conference Abstract Volume. 2008, Finger Lakes Institute, Hobart and William Smith Colleges, Geneva, NY.

Georgian, S.E., and J.D. Halfman, 2008, Comparison of Methods to Determine Algal Concentrations in Freshwater Lakes. American Geophysical Union Annual Fall Meeting Abstracts with Programs.

Hoering, K.A., and J.D. Halfman, 2008. 2008 Water Quality Analysis of Otisco Lake, New York. American Geophysical Union Annual Fall Meeting Abstracts with Programs.

O'Neill, K.A. and J.D. Halfman, 2008, Water Quality of Eight Finger Lakes, New York: Changes from 2005 Through 2008. American Geophysical Union Annual Fall Meeting Abstracts with Programs.

Basnet, P., and J.D. Halfman, 2008. Sources for Bottom Water Phosphates and Suspended Sediments in Southern Cayuga Lake, New York. American Geophysical Union Annual Fall Meeting Abstracts with Programs.

#### **Halfman - 2007**

Halfman, J.D., E.S. Brown\*, R.E. Dye\*, C.K. Franklin\*, K.A. O'Neill\*, and T.F. Ware\*, 2007, Comparative limnology of Honeoye, Canandaigua, Keuka, Seneca, Cayuga, Owasco, and Skaneateles Lakes. 3rd Annual Finger Lakes Research Conference Abstract Volume. 2007, Finger Lakes Institute, Hobart and William Smith Colleges, Geneva, NY.

Halfman, J.D., K.A. O'Neill\*, T.F. Ware\*, 2007, Potential sources for hypolimnetic nutrients and suspended sediments in southern Cayuga Lake, New York. American Geophysical Union Annual Fall Meeting Abstracts with Programs. GC32-0938.

Brown\*, E.S. and J.D. Halfman, 2007, What happened to our Lake? Nutrient loading in Owasco Lake and its watershed. Geological Society of America Annual Meeting Abstracts with Programs, v. 39, p. 217.

Dye\*, R.E., and J.D. Halfman, 2007, Decreasing salinity in Seneca Lake, New York. Geological Society of America Annual Meeting Abstracts with Programs, v. 39, p. 217.

Franklin\*, C.K., and J.D. Halfman, 2007, A decade of increasing productivity in the Seneca Lake watershed. Geological Society of America Annual Meeting Abstracts with Programs, v. 39, p. 217-281.

Holler\*, B.L., Philip\*, H.M., and J.D. Halfman, 2007, Water Quality of Owasco Lake, central New York: The 2006 Lake Survey. Geological Society of America Northeast Regional Annual Meeting Abstracts with Programs, v. 39, p. 100.

Philip\*, H.M., Holler\*, B.L., and J.D. Halfman, 2007, Water Quality of Owasco Lake, central New York: The 2006 Watershed Survey. Geological Society of America Northeast Regional Annual Meeting Abstracts with Programs, v. 39, p. 100.

#### **Halfman – 2006**

Halfman, J.D., 2006, Seneca Lake, An Ideal Natural Laboratory for Research, Education and Outreach. Geological Society of America Annual Meeting Abstracts with Programs, v. 38, p. 30.

Sukeforth\*, R.L., and J.D. Halfman, 2006, Are winter deicing applications the primary source of chloride to the Finger Lakes of central and western New York? Geological Society of America Annual Meeting Abstracts with Programs, v. 38, p. 136.

Brown\*, C.A., and J.D. Halfman, 2006, Seasonal Distribution of Plankton Species among seven Finger Lakes in New York State. Geological Society of America Annual Meeting Abstracts with Programs, v. 38, p. 137.

Kinnevey\*, C.E., and J.D. Halfman, 2006, Water Quality Analysis in the Seneca Lake Watershed, NY. Geological Society of America Annual Meeting Abstracts with Programs, v. 38, p. 136.

Petrick\*, B., T.M. Curtin, J.D. Halfman, R.F. Aspinwall and D.I. Lyons, 2006, A sediment record of major storm events from Keuka Lake, New York. Geological Society of America Annual Meeting Abstracts with Programs, v. 38, p. 82.

Halfman, John D., R.L. Sukeforth\*, B. Holler\*, C. Kinnevey\*, and C. Brown\*, 2006, Comparative Limnology of Honeoye, Canandaigua, Keuka, Seneca, Cayuga, Owasco, and Skaneateles Lakes – 2005 & 2006. 2nd Annual Finger Lakes Research Conference Abstract Volume. October 14, 2006, Finger Lakes Institute, Hobart and William Smith Colleges, Geneva, NY.

Lyons\*, D.I., T.M. Curtin, J.D. Halfman, R. Gaines, and K.K. Nichols, 2006. Getting to the bottom of it: Holocene climate change in Keuka Lake based on sediment cores. Geological Society of America Northeast Regional Annual Meeting Abstracts with Programs, v. 38, p. 29.

Sukeforth\*, R.L., K.L. Parrinello\*, and J.D. Halfman, 2006, Are historical chloride data inconsistent with saline groundwater intrusions in Seneca Lake, New York? Geological Society of America Northeast Regional Annual Meeting Abstracts with Programs, v. 38, p. 82.

Bush\*, K.F., and J.D. Halfman, 2006, Water quality analyses and watershed protection in the Finger Lakes, New York. Geological Society of America Northeast Regional Annual Meeting Abstracts with Programs, v. 38, p. 81.

#### **Halfman – 2005**

Halfman, J.D., 2005. Finger Lakes Comparative Limnology – 2005. Rochester Academy of Sciences Annual Research Symposium. Finger Lakes Community College.

Morgan\*, C.K., T.M. Curtin, W. Darden\*, J.D. Halfman, and H. Woodson\*, 2005. Reflections on Mud: Holocene Climate Variability Recorded by Laminated Sediments in Canandaigua Lake, NY. American Geophysical Union Annual Fall Meeting Abstracts with Programs, PP33B-1570.

Halfman, J.D., Bush\*, K.F., Sukeforth\*, R.L., and I.D. West\*, 2005. Comparative Limnology of Honeoye, Canandaigua, Keuka, Seneca, Cayuga, Owasco, and Skaneateles Lakes – 2005. 1st Annual Finger Lakes Research Conference Abstract Volume. October 8, 2005, Finger Lakes Institute, Hobart and William Smith Colleges, Geneva, NY.

Aspinwall\*, R.F., T.M. Curtin, J.D. Halfman, D. Lyons\*, B. Petrick\*, and L. Hafner\*, 2005. Seismic stratigraphy and depositional architecture of Holocene sediment in Keuka Lake, NY. 1st Annual Finger Lakes Research Conference Abstract Volume. October 8, 2005, Finger Lakes Institute, Hobart and William Smith Colleges, Geneva, NY.

Aspinwall\*, R.F., T.M. Curtin, J.D. Halfman, D. Lyons\*, B. Petrick\*, and L. Hafner\*, 2005. Seismic stratigraphy and depositional architecture of Holocene sediment in Keuka Lake, NY. Geological Society of America Annual Meeting Abstracts with Programs, v. 37, p. 364.

West\*, I.D., and J.D. Halfman, 2005. When bacteria attack: Keuka Outlet, New York. Geological Society of America Annual Meeting Abstracts with Programs, v. 37, p. 352.

Bush\*, K.F., and J.D. Halfman, 2005. Water Quality Analysis of the Finger Lakes, New York. Geological Society of America Annual Meeting Abstracts with Programs, v. 37, p. 352.

Sukeforth\*, R.L., and J.D. Halfman. 2005. Spatial and temporal trends in major ion concentrations from the Finger Lakes, NY. Geological Society of America Northeast Regional Annual Meeting Abstracts with Programs, v. 37, p. 62.

Bush\*, K.F., and J.D. Halfman, 2005. Water quality analysis and sources of total coliform and E. coli bacteria in the Seneca Lake, NY watershed. Geological Society of America Northeast Regional Annual Meeting Abstracts with Programs, v. 37, p. 62.

### **Halfman – 2004**

- Morgan\*, C.K., J.D. Halfman, 2004. Preliminary hydrogeochemical budgets for Seneca Lake, NY. Geological Society of America Annual Meeting Abstracts with Programs, v. 36, p. 493.
- Wood\*, D.A., J.D. Halfman, 2004. A practical, trailerable limnological research vessel for the Finger Lakes Institute. Geological Society of America Annual Meeting Abstracts with Programs, v. 36, p. 285.
- Riina\*, J.W., J.D. Halfman, 2004. A hydrogeochemical study of a water retention pond, Odell's Pond. Geological Society of America Annual Meeting Abstracts with Programs, v. 36, p. 493.
- Hintz\*, T.M. and J.D. Halfman, 2004. Bacterial and Nutrient Water Quality Survey of the Keuka Outlet, Seneca Lake Watershed, NY. Geological Society of America Northeastern Regional Meeting Abstracts with Programs, v. 36, p. 24.

### **Laird - 2008**

- \*Payer, M., E. Hoffman and N. F. Laird, 2008: Seasonal frequency of fronts and surface baroclinic zones in the Great Lakes Region. 33<sup>rd</sup> Annual Northeastern Storm Conf.
- Laird, N. F., \*Renninger, G., and \*C. Zarzycki, and S. Bridgeman, 2008: Rapid variations in Lake Erie ice cover: Event Characteristics and Weather Conditions. 33<sup>rd</sup> Annual Northeastern Storm Conf.

### **Laird - 2007**

- Laird, N. F., \*J. Desrochers, R. Sobash, N. Hodas and M. Payer, 2007: Lake-effect precipitation bands associated with small lakes. 12th Conf. Mesoscale Processes. AMS.
- \*Renninger, G., \*C. Zarzycki and N. F. Laird, 2007: Rapid variations in Lake Erie ice cover: event Characteristics and the influence of cold frontal passages. 2<sup>nd</sup> Annual SUNY Oswego Lake-Effect Conf.
- \*Zarzycki, C., \*G. Renninger and N. F. Laird, 2007: Weather conditions associated with rapid variations in Lake Erie ice cover. 2<sup>nd</sup> Annual SUNY Oswego Lake-Effect Conf.
- Laird, N. F. and \*J. Desrochers, 2007: Climatology of Lake Champlain lake-effect snow events. 2<sup>nd</sup> Annual SUNY Oswego Lake-Effect Conf.
- \*Payer, M., \*J. Desrochers, and N. F. Laird, 2007: A climatological study of Lake Champlain lake-effect snow band events. 32<sup>nd</sup> Annual Northeastern Storm Conf.
- \*Hodas, N., \*R. Sobash and N. F. Laird, 2007: New York State Finger Lakes winter lake-effect events: Event characteristics. 32<sup>nd</sup> Annual Northeastern Storm Conf.
- Laird, N. F., \*J. Desrochers and \*M. Payer, 2007: An investigation of the climatic variability and forcing of Lake Champlain lake-effect snow systems. Symposium on Connections between Mesoscale Processes and Climate Variability.
- \*Thorp, K. and N. F. Laird, 2007: Haze events and visibility variations for several sites across New Hampshire. 6<sup>th</sup> Annual AMS Student Conf.
- \*Desrochers, J., M. Payer and N. F. Laird, 2007: The variability of regional climate conditions associated with Lake Champlain lake-effect snow systems. 6<sup>th</sup> Annual AMS Student Conf.
- \*Payer, M., \*J. Desrochers and N. F. Laird, 2007: A climatological study of Lake Champlain lake-effect snow band events. 6<sup>th</sup> Annual AMS Student Conf.
- \*Hodas, N., \*R. Sobash and N. F. Laird, 2007: New York State Finger Lakes winter lake-effect events: Event characteristics. 6<sup>th</sup> Annual AMS Student Conf.
- \*Sobash, R., \*N. Hodas and N. F. Laird, 2007: New York State Finger Lakes winter lake-effect events: Surface, sounding and synoptic environment. 6<sup>th</sup> Annual AMS Student Conf.

### **Laird - 2006**

- Laird, N. F., \*L. A. Golson, \*K. E. Wood, and K. Feasel, 2006: Using an active-learning quiz series in an introductory meteorology college course. Preprint, 15<sup>th</sup> Symposium on Education, AMS
- Laird, N. F., \*L. A. Golson, \*K. E. Wood, and K. Feasel, 2006: "Who wants to be a Millionaire" in the classroom? Hobart and William Smith Colleges, Friday Faculty Lunch.
- \*Cordeira, J. and N. F. Laird, 2006: An investigation of two lake-effect snow events over an ice-covered Lake Erie. 1<sup>st</sup> Annual SUNY Oswego Lake-Effect Conference.
- \*Payer, M., \*J. Desrochers, and N. F. Laird, 2006: A climatological study of Lake Champlain lake-effect snow band events. 1<sup>st</sup> Annual SUNY Oswego Lake-Effect Conference.
- \*Hodas, N., \*R. Sobash and N. F. Laird, 2006: New York State Finger Lakes winter lake-effect events: Event characteristics. 1<sup>st</sup> Annual SUNY Oswego Lake-Effect Conference.
- Laird, N. F., \*R. Sobash, and \*N. Hodas, 2006: New York State Finger Lakes winter lake-effect events: Surface, sounding, and synoptic environments. 1<sup>st</sup> Annual SUNY Oswego Lake-Effect Conference.

- \*Desrochers, J. and N. F. Laird, 2006: A climatological study of Lake Champlain lake-effect snows in northern New York and Vermont. 13<sup>th</sup> Conf. on the Adirondacks, Adirondack Research Consortium.
- \*Desrochers, J. and N. F. Laird, 2006: A climatological study of Lake Champlain lake-effect snows in northern New York and Vermont. 1<sup>st</sup> Northeast Sigma Xi Student Poster Conf.
- \*Carr, H. and N. F. Laird, 2006: An investigation of New York State Finger Lakes snow band events. 1<sup>st</sup> Northeast Sigma Xi Student Poster Conf.
- Laird, N. F., \*H. Carr, and \*R. Sobash, 2006: Climatology of lake-effect snow bands in the New York State Finger Lakes region. 31<sup>st</sup> Northeastern Storm Conference.
- \*Cordeira, J. and N. F. Laird, 2006: The impact of ice cover on two lake-effect snow events in the eastern Great Lakes region. 31<sup>st</sup> Northeastern Storm Conference.
- \*Sobash, R., \*H. Carr, and N. F. Laird, 2006: An investigation of New York State Finger Lakes snow band events. Preprint, 5<sup>th</sup> Annual Student Conf., AMS Annual meeting.

**Laird - 2005**

- \*Sobash, R., \*H. Carr, and N. F. Laird, 2005: An investigation of New York State Finger Lakes snow band events. Preprint, 11th Conf. Mesoscale Processes. AMS.
- \*Cordeira, J. and N. F. Laird, 2005: The impact of ice cover on two lake-effect snow events in the eastern Great Lakes region. Preprint, 11th Conf. Mesoscale Processes. AMS.
- Laird, N. F., \*R. Sobash, and \*H. Carr, 2005: Climatology of lake-effect snow bands in the New York State Finger Lakes region. 1st Annual NYS Finger Lakes Research Conf., Finger Lakes Institute.