

**ALLISON A. SNOW**

**2009 Curriculum Vitae**

(webpage: <http://www.biosci.ohio-state.edu/~asnowlab/home.html>)

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EDUCATION:

1982 Ph.D. University of Massachusetts (Botany)  
1978 M.S. University of Massachusetts (Botany)  
1975 B.A. Hampshire College (Biology)

POSITIONS:

Director, Undergraduate Research Office at Ohio State University, 2006-present  
Professor, Department of Evolution, Ecology, and Organismal Biology, 2000-present  
Adjunct Professor, Department of Horticulture and Crop Science, 2007-present  
Associate Professor, Ohio State University, 1994-1999  
Assistant Professor, Ohio State University, 1988-1993

Visiting Scientist, Royal Veterinary & Agricultural University, Denmark Aug.-Dec. 2004  
Visiting Scientist, University of Michigan Biological Station, Summers, 1989-present  
Visiting Scientist, Risø National Laboratory, Denmark, July-Dec. 1997  
Visiting Scientist, Las Cruces Biological Station, San Vito, Costa Rica, Jan. – May 1998

Postdoctoral Research Associate:

Smithsonian Environmental Research Center, MD, 1986-1988  
Botany Department, University of California at Davis, 1983-1986

Postdoctoral Research Assistant:

Smithsonian Tropical Research Institute, Panama, 1982  
Rocky Mountain Biological Laboratory, Colorado, 1982

RESEARCH INTERESTS:

Evolutionary Ecology, Crop-Wild Hybridization & Transgenic Weeds, Invasive Species,  
Conservation Biology

HONORS AND AWARDS:

2008 Fellow, Academic Leadership Program, Committee in Institutional Cooperation  
of the Big Ten Research Universities and the University of Chicago  
2006 Centennial Award, Botanical Society of America  
2004 Technical Person of the Year, Columbus Technical Council, Columbus, OH

- 2002 Scientific American – recognized as one of 50 Leaders in Science and Technology
- 2002 Ohio State University Distinguished Scholar Award
- 2000 Aldo Leopold Leadership Fellow, Ecological Society of America
- 1992 Fellow of the American Association for the Advancement of Science
- 1986 Smithsonian Postdoctoral Research Fellowship
- 1984 NSF Postdoctoral Fellowship in Environmental Biology

PROFESSIONAL ORGANIZATIONS:

- Past-President, Botanical Society of America, 2005-06
- President, Botanical Society of America, 2004-05
- President-Elect, Botanical Society of America, 2003-04
- Treasurer, International Society for Biosafety Research (publishes Environmental Biosafety Research), 2002-05
- Committee Member, Long-term Planning Committee, American Institute of Biological Sciences, 2005.
- Member: American Association for the Advancement of Science, Botanical Society of America, Weed Science Society of America, Ecological Society of America, International Society for Biosafety Research, Sigma Xi, Council on Undergraduate Research

EDITORIAL POSITIONS:

- Associate Editor for Environmental Biosafety Research, 2001-2006
- Associate Editor for Frontiers in Ecology and the Environment (Ecological Society of America), 2002-03
- Associate Editor for Ecology and Ecological Monographs, 1998-2001
- Associate Editor for Evolution, 1994-1997
- Ad hoc reviewer for: American Journal of Botany, American Naturalist, BioScience, Ecology, Evolution, Molecular Ecology, National Science Foundation, Nature, Science, USDA, Weed Science, Proceedings of the US National Academy of Sciences, Proceedings of the Royal Society of London, New Phytologist, International Journal for Plant Science

ADVISORY PANELS AND OTHER PROFESSIONAL SERVICE:

- Workshop Participant, "Conceptual models to predict the probability of introgression, naturalization, invasion and impacts of GM and non-native plants." Landcare Research Institute, Lincoln, New Zealand. 2008.
- Organizer, Summer Research Seminar Series, University of Michigan Biological Station, 2008.
- Panel Member, Evaluation of the Program on the Environmental, Societal and Health Effects of Genetically Modified Organisms, Academy of Finland, 2008.
- Steering Committee, Workshop on Gene Flow from Genetically Modified Crops, Weed Science Society of America, 2007.
- Steering Committee, Workshop on Ecological Risk Assessment of Genetically

Engineered Forest Trees, sponsored by Pew Initiative on Food and Biotechnology, and the Institute of Forest Biotechnology, 2006-2007.

NRC/US National Academy of Sciences Authoring Committee, The Status of Pollinators in North America, 2005-2006.

Panel Chair, Plant Biotechnology Risk Assessment, USDA-Agricultural Research Service, Plant Biological and Molecular Processes National Program. 2005.

Scientific Expert, International Potato Center (CIP), Lima, Peru, Center Commissioned External Review of Strategies for the Development and Deployment of Genetically Engineered Potatoes and Sweet Potatoes. 2005.

Scientific Expert, World Trade Organization Dispute, Geneva, Switzerland. Panel on European Communities - Measures Affecting the Approval and Marketing of Biotech Products. 2004-2006. Decision released September 29, 2006.

Committee Member, Council for Agricultural Science and Technology, Issue Paper on Gene Flow from Commercialized Biotech Crops. 2004-2005.

Program Committee Member, 8<sup>th</sup> International Symposium on Biosafety Research, Montpellier, France, 2003-2004.

NRC/US National Academy of Sciences Authoring Committee, Bioconfinement of Genetically Engineered Organisms, 2002-2003.

Ecological Society of America, Authoring Committee Chair, Position paper. Genetically engineered organisms and the environment: current status and recommendations, 2002-2004.

NAFTA Committee for Environmental Cooperation, Advisory Group for Article 13 report on transgenic maize in Mexico, 2002-2004.

Steering Committee Member, GMO Guidelines Project, International Organization for Biological Control, Zurich, Switzerland, 2002-2004.

NRC/National Academy of Sciences, Expert Reviewer, Report on Environmental Impacts of Genetically Modified Crops, 2002.

USDA Steering Committee (Chair), Workshop on Scientific Methods for Gene Flow Research, 2001-2002.

Committee Member and Plenary Session Chair, 7<sup>th</sup> International Symposium on Biosafety Research, Beijing, China; Programme, 2001-2002.

USDA Steering Committee, Workshop on Environmental Risks of Transgenic Metabolic Engineering, 2001-2002.

Union of Concerned Scientists, Presentation at Board of Director's Meeting, 2001.

DIVERSITAS, a global change program focusing on biodiversity under the International Council for Science (ISCU) and UNESCO; Task Force Member, 2001.

NRC/National Academy of Sciences Standing Committee on Agricultural Biotechnology, Health, and the Environment (CABHE), co-chaired by Dr. Harold Varmus and Dr. Barbara Schaal, 2000-2004.

NRC/National Academy of Sciences Steering and Authoring Committee, Workshop on Ecological Monitoring of Genetically Modified Crops, 2000.

NRC/National Academy of Sciences, CABHE subcommittee on Scientific Basis for Determining Ecological Effects of Aquaculture Biotechnology, 2000-2001.

NRC/National Academy of Sciences, CABHE subcommittee on Bioconfinement of

Genetically Engineered Organisms, 2000-2001.  
USDA Steering Committee on Biotechnology Risk Assessment Research Results, 2000-2001.  
Council on Foreign Relations, Study Group Member, “Science, Trade, and Agricultural Biotechnology”, 2001.  
German Marshall Fund of the United States, Workshop on Biotechnology in the USA and Europe, July 2000 (met with Frank Loy, Undersecretary of State for Global Affairs).  
Ecological Society of America, Authoring Committee - Resolution on Genetically Modified Organisms, 2000-2001.  
Sustainable Ecosystems Institute, Conservation Science Panel, 2000-2002.  
US Environmental Protection Agency, Scientific Advisory Panel (FIFRA) on Characterization and Non-Target Organism Data Requirements for Protein Plant-Pesticides, 1999.  
National Academy of Sciences/U.S. State Department Briefing on Genetically Modified Plants (with Frank Loy, Undersecretary of State for Global Affairs), 1999.  
NRC/National Academy of Sciences, Committee on Genetically Modified Plants Containing Pesticide Genes (resulting book listed below), 1999-2000.  
USDA Steering Committee, Workshop on Ecological Effects of Pest Resistance Genes in Managed Ecosystems, 1998-99.  
National Science Foundation, Panel Member in 1990, 1992, 1995  
USDA Weed Science Panel Member 1996, 2003  
Ohio Natural Areas Council, Member 1992-2000  
Ohio State University Institutional Biosafety Committee on Recombinant DNA 1992-2000.

GRANTS RECEIVED:

2006 USAID – Biotechnology and Biodiversity Initiative Grants Program; “Continued US-Africa collaborative research on risk assessment and management of (trans)gene flow in sorghum;” A. Snow (Primary PI) with G. Ejeta, C. Grenier, J. Pedersen, T. Tesso, I. Kapran; 4 years, \$180,000.

2006 USDA - Biotechnology Risk Assessment Grants; “Effects of early life history stages and competition on crop gene introgression in sunflower;” with Co-PIs K. Mercer and H. Alexander; 4 yrs; \$396,725.

2005 US Agency for International Development Grant; “Gene flow from cultivated rice (*Oryza sativa*) to its AA genome wild relatives in the East African region: key research for transgene risk assessment;” International Collaborator with investigators S. Kiboi (Primary PI), M. Nkya, T. Haileselassie, and D. Kiambi, administered through the University of Nairobi, Kenya; \$329,730.

2005 National Science Foundation, Doctoral Dissertation Improvement Grant for Lesley G.

Campbell, "Does crop-to-wild hybridization shift life history toward increased invasiveness?" 1 year, \$10,370.

2003 USDA/US AID; "Risk assessment and management of gene flow from cultivated sorghum to its wild and weedy relatives in Africa;" Co-PI with Jeffrey Pedersen, Gebisa Ejeta, and Gurling Bothma (Primary PI: J. Pedersen); 3 yrs; \$480,000 including \$128,333 to AAS.

2003 USDA; "Evaluating and mitigating possible effects of gene flow from transgenic, natural rubber-producing sunflowers;" Co-PI with Katrina Cornish and Calvin Pearson (Primary PI: A. Snow); 3 yrs.; \$250,000.

2002 USDA; "Rapid evolution of wild radish biotypes from crop-wild hybrids and feral crop plants;" 4 yrs., \$286,000 (PI: A. Snow).

2001 USAID; "Assessing the potential scale and impact of transgene outcrossing to wild and weedy rices in Vietnam"; Co-PI with Martin Mortimer, Brian Tomsett, Bui Chi Buu, and Michael Cohen (Lead PIs: Mortimer and Snow); 3 yrs; total of \$400,000 to International Rice Research Institute, Philippines, includes \$123,000 to AAS.

2001 USDA; "Scientific Methods Workshop: Ecological and agronomic effects of gene flow from transgenic crops to weeds"; Co-PI with Carol Mallory-Smith (Primary PI: A. Snow); 1 yr; \$35,000.

2001 Ohio Agricultural Research & Development Center (OARDC); Inheritance of ALS herbicide resistance in Giant Ragweed: Investigation of mating system and gene flow in natural populations; Co-PI with Emilie Regnier, Kent Harrison, and Steven St. Martin (Primary PI: E. Regnier); 2 yrs; \$29,000.

2000 USAID; "Predicting the environmental impact of transgene outcrossing to wild and weedy rices in Asia"; Co-PI with Michael Cohen and Baorong Lu (Primary PI: M. Cohen); 3 yrs; total of \$150,000 to International Rice Research Institute, Philippines; includes \$75,000 to AAS.

1999 USDA; "Effects of transgenic resistance to insects on wild sunflower populations"; Co-PI with Helen Alexander and Diana Pilson (Primary PI: A. Snow); 3 yrs; \$230,000.

1997 "Effects of a Bt transgene on herbivory and lifetime fitness in wild sunflower populations"; Co-PI with Loren Rieseberg and Diana Pilson (Primary PI: A. Snow); 4 yrs funding from two biotechnology companies, \$360,000; results were embargoed until September 2001.

1996 USDA; "The spread and ecological impact of escaped transgenes in wild sunflower"; Co-PI with Loren Rieseberg and Helen Alexander (Primary PI: A. Snow); 3 yrs; \$210,000.

- 1995 Los Alamos National Laboratory Contract; "Optimization of the use of pollen as a genetic resource"; 1 yr; \$68,000.
- 1994 EPA Contract; "Ecological effects of transgenic plants"; 1 yr; \$19,646.
- 1993 NSF Accomplishment-Based Renewal Grant; "Extent of nonrandom fertilization in *Hibiscus moscheutos*"; 1 yr; \$56,000.
- 1993 USDA; "Gene flow between domesticated and wild sunflowers"; Co-PI with Loren Rieseberg (Primary PI: L. Rieseberg); 3 yrs; \$180,000.
- 1992 NSF Supplement Grant; "Molecular markers for population biology"; Co-PI with Soren Brauner (Primary PI: A. Snow); 3 months; \$13,000.
- 1991 NSF; Research Experience for Undergraduates at Biological Stations; Co-PI with James Teeri and Ted Anderson (Primary PI: J. Teeri); 3 yrs; \$123,000.
- 1989 NSF; "Pollen tube growth rates and male fitness in *Hibiscus moscheutos*"; Co-PI with Timothy Spira; 3 yrs; \$120,000 to AAS, \$101,000 to TPS (Primary PI: A. Snow).

#### PEER-REVIEWED PUBLICATIONS

(total of 65 published; see below for editor-reviewed commentary and books)

- 2009 - Campbell, L. G., A. A. Snow, P. M. Sweeney. When divergent life histories hybridize: insights into adaptive life-history traits in an annual weed. **New Phytologist**, *in press*.
- 2009 – Laughlin, K., A. G. Power, A. A. Snow, and L. J. Spencer. Environmental risk assessment of genetically engineered crops: potential fitness-related effects of virus-resistance transgenes in wild squash populations (*Cucurbita pepo*). **Ecological Applications**, 1091-1101.
- 2009 – Campbell, L.G., and A. A. Snow. Can feral weeds evolve from cultivated radish (*Raphanus sativus*, Brassicaceae)? **American Journal of Botany**, 96(2):498-506.
- 2009 – Campbell, L. G., A. A. Snow, P. M. Sweeney, and J. M. Ketner. Rapid evolution in crop-weed hybrids under artificial selection for divergent life histories. **Evolutionary Applications** 2:172-186.
- 2008 – Tesso, T. T., I. Kapran, C. Grenier, A. A. Snow, P. M. Sweeney, J. F. Pedersen, D. Marx, G. Bothma, and G. Ejeta. The potential for crop-to-wild gene flow in sorghum in Ethiopia and Niger: a geographic survey. **Crop Science** 48:1435-1431.

- 2008 – Cohen, M. B., A. A. Snow, S. Arpaiea, L. P. Lan, and L. M. Chau. Shared flowering phenology, insect pests, and pathogens among wild, weedy, and cultivated rice in the Mekong Delta, Vietnam: implications for transgenic rice. **Environmental Biosafety Research** 7:73-85
- 2007 – Campbell, L. G., and A. A. Snow. Competition alters life-history traits and increases the relative fecundity of crop-wild hybrids (*Raphanus* spp.). **New Phytologist** 173:648-660.
- 2006 – Campbell, L. G., A. A. Snow, and C. E. Ridley. Weed evolution after crop gene introgression: greater survival and fecundity of hybrids in a new environment. **Ecology Letters** 9:1198-1209.
- 2006 - Reagon, M. R., and A. A. Snow. Cultivated *Helianthus annuus* (Asteraceae) volunteers as a genetic “bridge” to weedy sunflower populations in North America. **American Journal of Botany** 93:127-133.
- 2006 - Chen, L.-Y., A. A. Snow, F. Wang, and B.-R. Lu. Effects of insect-resistance transgenes on fecundity in rice (*Oryza sativa*): a test for underlying costs. **American Journal of Botany** 93:94-101.
- 2006 – Rong, J., B.-R. Lu, Z. Song, J. Su, A. A. Snow, et al. Dramatic reduction of crop-to-crop gene flow within a short distance from transgenic rice fields. **New Phytologist** 173: 346-353.
- 2005 - Klips, R. A., P. M. Sweeney, E. K. F. Bauman, and A. A. Snow. Temporal and geographic variation in predispersal seed predation on *Hibiscus moscheutos* L. (Malvaceae) in Ohio and Maryland, USA. **American Midland Naturalist** 154:286-295.
- 2005 - S. Ortiz-García, E. Ezcurra, B. Schoel, F. Acevedo, J. Soberón, and A. A. Snow. Absence of detectable transgenes in local landraces of maize in Oaxaca, Mexico (2003-2004). **Proceedings of the National Academies of Science**, USA 102:12338-12343. (August 10, 2005, Early Edition Online; <http://www.pnas.org/cgi/content/abstract/0503356102v1> open access article).
- 2005 – Lu, B., and A. A. Snow. Gene flow from genetically modified rice and its environmental consequences. **BioScience** 55:669-678.
- 2005 - Selbo, S. M., and A. A. Snow. Flowering phenology and genetic similarity among local and recently introduced populations of *Andropogon gerardii* in Ohio. **Restoration Ecology** 13:1-7.
- 2005 - Snow, A. A., D. A. Andow, P. Gepts, E. M. Hallerman, A. Power, J. M. Tiedje, and L. L. Wolfenbarger. Genetically engineered organisms and the environment: current status and recommendations. **Ecological Applications** 15:377-404. Position paper of the

Ecological Society of America -[www.esa.org/pao/esaPositions/Papers/geo\\_position.htm](http://www.esa.org/pao/esaPositions/Papers/geo_position.htm)

- 2004 – Selbo, S. M., and A. A. Snow. The potential for hybridization between *Typha angustifolia* and *T. latifolia* in a constructed wetland. **Aquatic Botany** 78:361-369.
- 2003 - Snow, A. A. Genetic engineering: unnatural selection. **Nature** 424:619.
- 2003 - Snow, A. A., D. Pilson, L. H. Rieseberg, M. Paulsen, N. Pleskac, M. R. Reagon, D. E. Wolf, and S. M. Selbo. A *Bt* transgene reduces herbivory and enhances fecundity in wild sunflowers. **Ecological Applications** 13:279-286.
- 2002 – Cummings, C. L., H. M. Alexander, A. A. Snow, L. H. Rieseberg, M. J. Kim, and T. M. Culley. Fecundity selection in an experimental sunflower crop-wild system: how well do ecological data predict crop allele persistence? **Ecological Applications** 12:1661-1671.
- 2001 – Spencer, L. J., and A. A. Snow. Fecundity of transgenic wild-crop hybrids of *Cucurbita pepo* (Cucurbitaceae): implications for crop-to-wild gene flow. **Heredity** 86:694-702.
- 2001 - Snow, A. A., K. L. Uthus, and T. M. Culley. Fitness of hybrids between cultivated radish and weedy *Raphanus raphanistrum*: implications for rapid evolution in weeds. **Ecological Applications** 11:934-943.
- 2001 - Borgella, R., Jr., A. A. Snow, and T. A. Gavin. Species richness and pollen loads of hummingbirds using forest fragments in southern Costa Rica. **Biotropica** 33:90-109.
- 2001 - Alexander, H. M., C. L. Cummings, L. Kahn, and A. A. Snow. Seed size variation and predation of seeds produced by wild and crop-wild sunflowers. **American Journal of Botany** 88:623-627.
- 2000 - Snow, A. A., T. P. Spira, and H. Liu. Effects of sequential pollination on the success of “fast” and “slow” pollen donors in *Hibiscus moscheutos* (Malvaceae). **American Journal of Botany** 87:1656-1659.
- 1999 - Cummings, C., H. M. Alexander, and A. A. Snow. Increased predispersal seed predation in sunflower wild-crop hybrids. **Oecologia** 121:330-338.
- 1999 – Jørgensen, R. B., B. Andersen, A. A. Snow, T. P. Hauser, and H. Østergård. Ecological risks of growing genetically modified crops. **Plant Biotechnology** 16: 69-71.
- 1999 – Snow, A. A., B. Andersen, and R. B. Jørgensen. Costs of transgenic herbicide resistance introgressed from *Brassica napus* into weedy *Brassica rapa*. **Molecular Ecology** 8:605-615.
- 1998 - Snow, A. A., P. Moran-Palma, L. H. Rieseberg, A. Wszcelaki, and G. Seiler. Fecundity,

- phenology, and seed dormancy of F<sub>1</sub> wild-crop hybrids in sunflower (*Helianthus annuus*, Asteraceae). **American Journal of Botany** 85: 794-801.
- 1998 - Lee, T. N. and A. A. Snow. Pollinator preferences and the persistence of crop genes in wild radish populations (*Raphanus raphanistrum*, Brassicaceae). **American Journal of Botany** 85:333-349.
- 1998 - Snow, A. A., and P. G. Parker. Molecular markers for population biology. **Ecology** 79:359-360.
- 1998 - Parker, P. G., A. A. Snow, M. D. Schug, G. C. Booton, and P. A. Fuerst. What molecules can tell us about populations: choosing and using a molecular marker. **Ecology** 79:361-382.
- 1998 - Linder, C. R., I. Taha, G. J. Seiler, A. A. Snow, and L. H. Rieseberg. Long-term introgression of crop genes into wild sunflower populations. **Theoretical and Applied Genetics** 96:339-347.
- 1998 - Case, A. L., P. S. Curtis, and A. A. Snow. Heritable variation in stomatal responses to elevated CO<sub>2</sub> in wild radish, *Raphanus raphanistrum*. **American Journal of Botany** 85:253-258.
- 1997 - Emms, S. K., D. A. Stratton, and A. A. Snow. The effect of inflorescence size on male fitness: experimental tests in the andromonoecious lily, *Zigadenus paniculatus*. **Evolution** 51:1481-1489.
- 1997 - Whitton, J., D. E. Wolf, D. M. Arias, A. A. Snow, and L. H. Rieseberg. The persistence of cultivar alleles in wild populations of sunflowers five generations after hybridization. **Theoretical and Applied Genetics** 95:33-40.
- 1997 - Moran-Palma, P., and A. A. Snow. The effect of interplant distance on mating success of federally threatened, self-incompatible *Hymenoxys herbacea* (Asteraceae). **American Journal of Botany** 84:233-238.
- 1997 - Snow, A. A., and P. Moran-Palma. Commercial cultivation of transgenic plants: potential ecological risks. **BioScience** 47:86-97.
- 1997 - Klips, R. A., and A. A. Snow. Facultative, delayed autonomous self-pollination in *Hibiscus laevis*. **American Journal of Botany** 84:48-53.
- 1996 - Snow, A. A., and T. P. Spira. Pollen-tube competition and male fitness in *Hibiscus moscheutos*. **Evolution** 50:1866-1870.
- 1996 - Spira, T. P., A. A. Snow, and M. A. Puterbaugh. The timing and effectiveness of

- sequential pollinations in *Hibiscus moscheutos*. **Oecologia** 105:230-235.
- 1995 - Snow, A. A., and K. F. Grove. Protandry, a neuter phase, and unisexual umbels in a hermaphroditic, neotropical vine (*Bomarea acutifolia*, Amaryllidaceae). **American Journal of Botany** 82:741-744.
- 1994 - Snow, A. A. Post-pollination mechanisms for sexual selection in plants. **American Naturalist** 144:S69-S83.
- 1994 - Curtis, P. S., A. A. Snow, and A. S. Miller. Genotype-specific effects of elevated CO<sub>2</sub> on fecundity in wild radish (*Raphanus raphanistrum*). **Oecologia** 97:100-105.
- 1993 - Snow, A. A., and P. O. Lewis. Reproductive traits and male fertility in plants: empirical approaches. **Annual Review of Ecology and Systematics** 24:331-351.
- 1993 - Windus, J. L., and A. A. Snow. Fruit set and seed predation in *Gentiana saponaria*, a rare gentian in Ohio. **American Midland Naturalist** 129:346-351.
- 1993 - Snow, A. A., and T. P. Spira. Individual variation in the vigor of self pollen and self progeny in *Hibiscus moscheutos* (Malvaceae). **American Journal of Botany** 80:160-164.
- 1992 - Lewis, P.O., and A. A. Snow. Deterministic paternity exclusion using RAPD markers. **Molecular Ecology** 1:155-160.
- 1992 - Whisler, S. J., and A. A. Snow. Potential for the loss of self-incompatibility in pollen-limited populations of mayapple (*Podophyllum peltatum*). **American Journal of Botany** 79:1273-1285.
- 1992 - Spira, T. P., A. A. Snow, D. F. Whigham, and J. Leak. Flower visitation, pollen deposition, and pollen-tube competition in *Hibiscus moscheutos* (Malvaceae). **American Journal of Botany** 79:428-433.
- 1991 - Snow, A. A., and T. P. Spira. Pollen vigour and the potential for sexual selection in plants. **Nature** 325:796-797.
- 1991 - Snow, A. A., and T. P. Spira. Differential pollen-tube growth rates and nonrandom fertilization in *Hibiscus moscheutos* (Malvaceae). **American Journal of Botany** 78:1419-1426.
- 1991 - Snow, A. A. Effects of pollen load size on sporophyte competitive ability in two *Epilobium* species. **American Midland Naturalist** 125:348-355.
- 1990 - Snow, A. A. Effects of pollen load size and number of donors on sporophyte fitness in

- Raphanus raphanistrum*. **American Naturalist** 136:742-758.
- 1989 - Snow, A. A., and D. F. Whigham. Costs of flower and fruit production in *Tipularia discolor* (Orchidaceae). **Ecology** 70:1286-1293.
- 1989 - Snow, A. A. Assessing the gender role of hermaphroditic flowers. **Functional Ecology** 3:249-250.
- 1989 - Stanton, M. L., A. A. Snow, S. N. Handel, and J. Berezcky. The impact of flower color polymorphism on mating patterns in experimental populations of wild radish (*Raphanus raphanistrum*). **Evolution** 43:335-346.
- 1988 - Snow, A. A., and S. J. Mazer. Gametophytic selection in *Raphanus raphanistrum*: a test for heritable pollen competitive ability. **Evolution** 42:1065-1075.
- 1988 - Snow, A. A., and M. L. Stanton. Aphids limit fecundity of a weedy annual (*Raphanus sativus*). **American Journal of Botany** 75:589-593.
- 1987 - Snow, A. A., and D. W. Roubik. Pollen deposition and removal by bees visiting two tree species in Panama. **Biotropica** 19:57-63.
- 1986 - Stanton, M. L., A. A. Snow, and S. N. Handel. Floral evolution: attractiveness to pollinators increases male fitness in a hermaphroditic angiosperm. **Science** 232:1625-1627.
- 1986 - Snow, A. A. Pollination dynamics of *Epilobium canum* (Onagraceae): consequences for gametophytic selection. **American Journal of Botany** 73:139-151.
- 1986 - Mazer, S. J., A. A. Snow, and M. L. Stanton. 1986. Fertilization dynamics and parental effects on fruit development in *Raphanus raphanistrum*: consequences for seed size variation. **American Journal of Botany** 75:500-511.
- 1984 - Vince, S. W., and A. A. Snow. Plant zonation in an Alaskan salt marsh. I. Distribution, abundance, and environmental factors. **Journal of Ecology** 72:651-668.
- 1984 - Snow, A. A., and S. W. Vince. Plant zonation in an Alaskan salt marsh. II. An experimental study of the role of edaphic conditions. **Journal of Ecology** 72:669-684.
- 1982 - Snow, A. A. Pollination intensity and potential seed set in *Passiflora vitifolia*. **Oecologia** 55:231-237.

BOOKS & BOOK CHAPTERS:

- 2006 - National Research Council. Status of Pollinators in North America. Coauthored with 15 NRC Committee Members. National Academies Press, Washington, DC. ISBN 0-309-10289-8.
- 2005 - Snow, A. A., and L. G. Campbell. Can feral radishes become weeds? Pp. 193-208 **In:** J. Gressel (Ed.). Crop ferality and volunteerism. CRC Press, Taylor & Francis Group, LLC, Boca Raton, FL. ISBN 0-8493-2895-0.
- 2005 - Snow, A. A. Genetic modification and gene flow: an overview. Pp. 107-118 **In:** D. L. Kleinman, A. J. Kinchy, and J. Handlesman (Eds.). Controversies in Science and Technology: From Maize to Menopause. University of Wisconsin Press, Madison, WI. ISBN 0-299-20394-8.
- 2004 - Commission for Environmental Cooperation of North America. 2004. Maize and Biodiversity: the Effects of Transgenic Maize in Mexico. Key Findings and Recommendations. Secretariat Article 13 Report, November 8, 2004. North American Agreement on Environmental Cooperation, NAFTA. <http://www.cec.org/maize/>, ISBN 2-923358-00-7, Commission for Environmental Cooperation, Quebec, Canada.
- 2004 – National Research Council. Biological confinement of genetically engineered organisms. Coauthored with 11 NRC Committee Members. National Academies Press, Washington, DC. 236 pp. ISBN 0-309-09085-7
- 2004 - Pilson, D., A. A. Snow, L. H. Rieseberg and H. M. Alexander. A protocol for evaluating the ecological risks associated with gene flow from transgenic crops into their wild relatives: the case of cultivated sunflower and wild *Helianthus annuus*. Chapter 17 in H. C. M. den Nijs, D. Bartsch, J. Sweet (Eds.). Introgression from genetically modified plants into wild relatives. ISBN 0-85199-816X CAB International Publishing
- 2000 – National Research Council. Genetically modified pest-protected plants: science and regulation. Coauthored with 11 NRC Committee Members. National Academies Press, Washington, DC. 263 pp. ISBN 0-309-06930-0
- 1997 - Snow, A. A. Potential for gene flow between transgenic crops and wild relatives. pp. 53-57 **In:** A. J. Hruska and M. L. Pavon (eds.), Transgenic Plants in Mesoamerican Agriculture. Zamorano Academic Press, Zamorano, Honduras.
- 1996 - Snow, A. A., T. P. Spira, R. Simpson, and R. A. Klips. The ecology of geitonogamous pollination. pp. 191-216 **In:** D. G. Lloyd and S. C. H. Barrett (eds.), Floral Biology. Chapman and Hall, N.Y.
- 1992 - Snow, A. A., and T. P. Spira. 1995. Pollen germination as a component of pollen competitive ability. pp. 388-392 **In:** D.L. Mulcahy (ed.), Angiosperm pollen and ovules. Springer-Verlag, N.Y.

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Popular Science (4/03)  
National Public Radio (9/18/98, 1/27/00, 11/25/02, 3/5/04, 9/13/04, 10/25/06)  
National Public Radio, Earth and Sky (7/7/03, 7/8/03, 7/30/05, 9/12/05)  
British Broadcasting Company (9/13/04)  
Korean Broadcasting Company (4/6/99)  
Media/Outreach training, Ecological Society of America:  
6/12/00 – 6/21/00, 9/21/00 – 9/28/00  
Ecological Society of America Press Release (3/2/04)  
Ohio State University Press Releases (8/3/98, 8/1/01, 8/7/02, 3/2/04, 11/8/04; OSU  
Research News 11/14/02, 1/22/04, 8/8/05)

INVITED PRESENTATIONS:

2009 – Plenary Speaker, “Gene flow and genetically engineered bioenergy crops.” USDA and Dept. of Energy Workshop on Environmental Effects of GE Bioenergy Crops, Beltsville, MD, June 16, 2009.

Staniforth Memorial Lecture, “Effects of gene flow from genetically engineered crops to wild relatives.” Iowa State University, February 25, 2009.

Invited Speaker, “Ecological effects of gene flow from genetically engineered crops to weeds.” University of Rhode Island, February 2, 2009.

2008 – Invited Speaker, “An ecologist’s view of genetically modified crops.” School of Life Sciences, Arizona State University, December 5, 2008.

Symposium Speaker, “The ecology of crop-wild hybrids: a baseline for GM risk assessment.” Tenth International Symposium on the Biosafety of Genetically Modified Organisms, Wellington, New Zealand, November 17, 2008.

Keynote Speaker, “Gene Flow Assessment and Monitoring,” Launching event for Multi-Country Capacity-Building for Compliance with the Cartagena Protocol on Biosafety in

Brazil, Colombia, Costa Rica, and Peru; International Center for Tropical Agriculture, Cali, Colombia (October 9, 2008).

Symposium Speaker, “The Evolutionary Ecology of Crop-Weed Hybrids: a Baseline for GM Risk Assessment.” University of Georgia, Agricultural Weeds: Bridging the Gap Between Evolutionary Ecology and Crop Science (September 12, 2008).

Public Lecture, Ashland University Environmental Lecture Series, “An Ecologist’s View of Genetically Modified Crops,” Ashland, OH (April 10, 2008). Also presented to visiting high school students on April 10<sup>th</sup>.

Edith Belk Endowed Lecture, “An Ecologist’s View of Genetically Modified Crops”, Miami University, Oxford, OH (April 1, 2008)

Invited Speaker, “Ecological Effects of Gene Flow from Transgenic Crops to their Wild Relatives,” Miami University, Oxford, OH (April 1, 2008)

Invited Speaker, “Uses and Limitations of Crop-Wild Fitness Studies for Evaluating Transgenic Crops.” International Center for Genetic Engineering and Biotechnology, Ca Tron Field Station, ITALY.

Public Lecture, “An Ecologist’s View of Genetically Modified Crops,” Herbarium Lecture Series, Ohio State University (January 16, 2008)

2007 – Keynote Speaker, Genetically Engineered Forest Trees – A workshop to identify priorities for ecological risk assessment. Pew Initiative on Food and Biotechnology and the Institute of Forest Biotechnology, Raleigh, NC (May 4, 2007)

Invited Speaker, Cornell University, “Ecological Effects of Gene Flow from Transgenic Crops to Weeds (September 14, 2007)

2006 – Symposium Organizer, Botanical Society of America Centennial Meeting, “New Directions in Molecular and Organismal Botany.” (July 31, 2006)

Invited Speaker, American Bar Association and the Council for Agricultural Science and Technology, St. Louis, Missouri, “Ecological Effects of Transgenic Crops” (June 27, 2006)

2005 - Invited Speaker at University of California at Santa Cruz, “Ecological Effects of Gene Flow from Transgenic Crops to Weeds” (February 28, 2005)

Invited Speaker at University of California at Riverside, “Ecological Effects of Gene Flow from Transgenic Crops to Weeds” (March 2, 2005)

Invited Symposium Speaker, Yale University, “Gene Flow in Agricultural Landscapes,” Symposium on Plant-made Pharmaceutical Producing Crops. (May 12, 2005)

Invited Speaker, Michigan State University, “Gene flow and the fitness of crop-wild hybrids from transgenic crops.” East Lansing, MI (August 2, 2005)

2004 - Invited Speaker, Bowling Green University, “Ecological Effects of Gene Flow from Transgenic Crops to Weeds,” Bowling Green, OH (February 4, 2004)

Invited Speaker, Smithsonian Environmental Research Center, “Ecological Effects of Gene Flow from Transgenic Crops to Wild Relatives”, Edgewater, MD (April 12, 2004)

Invited Speaker, Smithsonian Environmental Research Center, Public Lecture: “An Ecologist’s View of Genetically Engineered Crops”, Edgewater, MD (April 12, 2004)

Invited Speaker, University of Michigan, “Ecological Effects of Gene Flow from Transgenic Crops to Wild Relatives”, Ann Arbor, MI (April 15, 2004)

Invited Workshop Speaker, Institute for Genetic Engineering and Biotechnology, “Ecological Effects of Gene Flow from Transgenic Crops to Wild Relatives”, Trieste, ITALY (April 20, 2004)

Invited Workshop Speaker, OECD/Rockefeller Foundation Workshop on Ferality and Volunteerism in Crop Plants, “Can Feral Radishes Become Weedy?” Bellagio, ITALY (May 23, 2004)

Invited Speaker, Fudan University, “An Ecologist’s View of Genetically Engineered Crops”, Shanghai, CHINA (June 8, 2004)

Invited Speaker, Fudan University, “Ecological Effects of Gene Flow from Transgenic Crops to Wild Relatives”, Shanghai, CHINA (June 9, 2004)

Invited Speaker, Mekong Delta Rice Research Institute, “Ecological Effects of Gene Flow from Transgenic Crops to Wild Relatives”, CanTho, VIETNAM (June 15, 2004)

Invited Presidential Address, Botanical Society of America, “Keeping botany in the news: communicating the fruits of our research,” Salt Lake City, UT (August 4, 2004)

Invited Symposium Speaker, Agricultural Biotechnology International Conference, “Ecological Effects of Gene Flow from Transgenic Crops to Wild Relatives”, Cologne, GERMANY (September 13, 2004)

Invited Speaker, University of Lund, “Ecological Effects of Gene Flow from Transgenic Crops to Wild Relatives”, Lund, SWEDEN (October 28, 2004)

Invited Speaker, Royal Agricultural and Veterinary University, “Ecological Effects of Gene Flow from Transgenic Crops to Wild Relatives”, Copenhagen, DENMARK (November 2, 2004)

Invited Speaker, Hybridization Conference: From Molecules to Ecology, “Gene flow from crops to wild hybrids: fitness and introgression”, organized by Risoe National Laboratory, Roskilde, DENMARK (November 28, 2004)

Invited Speaker, Hybridization Conference: From Molecules to Ecology, “Gene flow from crops to wild hybrids: ecological effects of transgenes”, organized by Risoe National Laboratory, Roskilde, DENMARK (November 28, 2004)

Invited Speaker, Danish Institute of Agricultural Science, “Ecological Effects of Gene Flow from Transgenic Crops to Wild Relatives”, Slagelse, DENMARK (December 7, 2004)

2003 - Symposium Speaker, European Science Foundation Conference on Introgression from Genetically Modified Plants into Wild Relatives and its Consequences, Amsterdam, THE NETHERLANDS (January 21-24, 2003)

Invited Symposium Speaker, From the Green Revolution to the Gene Revolution Conference, Global Forum on Agricultural Research and US Italian Embassy in Rome (May 27-31, 2003)

Invited Symposium Speaker, Gene Flow Symposium, Society for In Vitro Biology, Portland, OR (June 4, 2003)

Invited Workshop Speaker, Future Directions and Research Priorities for the USDA Biotechnology Risk Assessment Research Grants Program. Washington, DC. (June 9-11, 2003)

Invited Symposium Speaker, “The Science and Politics of Genetically Modified Plants”, Botanical Society of America, Mobile, AL (July 28, 2003)

Invited Symposium Speaker, European Union Joint Conference on Biodiversity Implications of Genetically Modified Plants, Monte Verita, SWITZERLAND (Sept. 7-12)

Invited Speaker, Pew Foundation Conference on “Gene flow: what does it mean for biodiversity and centers of origin”, Mexico City, MEXICO (Sept. 29-30)  
PowerPoint Presentation online at <http://pewagbiotech.org/events/0929/>

Endowed Benedum Lecture, West Virginia University, “Environmental Effects of

Transgenic Crops”, Morgantown, WV (Oct. 9)

Endowed Benedict Lecture, University of Cincinnati, “Environmental Effects of Transgenic Crops,” Cincinnati, OH (Oct. 27)

Endowed Sanger Lecture, Ohio Wesleyan University, “An Ecologist’s View of Genetically Engineered Crops”.

2002 - Research seminars presented at Cuu Long Delta Rice Research Institute, VIETNAM (1/7/02), Simon Fraser University (1/15/02), Washington University (4/18/02)

Steering Committee Chair and Speaker, Scientific Methods Workshop: Ecological and Agronomic Effects of Gene Flow from Transgenic Crops to Wild Relatives, Columbus, OH (March 5-6, 2002)

Symposium Speaker, Risk Assessment Forum, Fudan University, Shanghai, CHINA (5/24/02)

Invited Speaker, Workshop on Criteria for Field Testing of Plants with Engineered Regulatory, Metabolic and Signaling Pathways, Bethesda, MD (6/3/02), “Possible physiological and morphological effects on gene flow and plant fitness”

Honorary Speaker, Endowed Wernsman Seminar, Department of Crop Sciences, North Carolina State University (4/11/02).

Symposium Speaker, OECD Conference on Dissemination of GMOs in Agroecosystems, Vienna, Switzerland (9/27/02)

Plenary Speaker and Chair, 7<sup>th</sup> International Biosafety Symposium, Beijing, CHINA (10/11/02), “Ecological effects of pest resistance genes that disperse from crops to weeds.”

Symposium Speaker, Crop Science Society of America Symposium on Transgene Containment, Indianapolis, IN (11/11/02), “Gene flow from transgenic crops to wild and weedy relatives: when is it a problem?”

Invited Speaker, International Center for Insect Physiology and Ecology, Nairobi, KENYA (6/20/02), “Ecological consequences of gene flow from transgenic crops to wild relatives.”

2001 – Research seminars presented at Michigan State University (1/30/01), Kellogg Biological Station, MI (1/31/01), State Univ. NY/Stonybrook (3/14/01), University of Massachusetts (4/26/01), OSU School of Natural Resources (5/3/01), Boyce Thompson Institute & Cornell University (11/28/01), University of Missouri/St. Louis (12/4/01)

Symposium Speaker, Gene Flow Symposium at Weed Science Society of America Meeting (2/12/01)

Symposium Speaker, Gordon Conference on Plant-Herbivore Interactions, Ventura, CA (3/1/01)

GMO Symposium organized by the Swedish Minister of the Environment in Stockholm, SWEDEN (5/14/01)

Symposium Speaker, Endowed Blue Skies Conference on the Future of Biotechnology, Georgia Tech. University, Atlanta (6/14/01)

Symposium Speaker, American Chemical Society, Santa Barbara, CA; Ecological Effects of Genetically Modified Crops (10/30/01)

Colloquium/Workshop Speaker, 100 Years of Bt, American Society for Microbiology, Ithaca, NY (11/16/01)

2000 – US Mission to the European Union and US Embassy at The Hague, Workshop on Environmental Effects of Biotechnology (audience of European Commissioners, Directors-General of the European Parliament, and journalists), Brussels, BELGIUM (12/4/00)

Invited speaker, USDA Secretary Glickman's Advisory Committee on Agricultural Biotechnology (11/30/00).

Research seminars given at Purdue University (2/2/00), College of Wooster (2/27/00), University of California at Davis (3/5/00), International Rice Research Institute (Los Banos, PHILIPPINES; 3/13/00), University of Minnesota (4/11/00), Stanford University (11/4/00)

Symposium Speaker, Conference on Risk Assessment of Genetically Modified Crops, Entomological Society of America, Eastern Branch; Springfield, MA (2/22/00)

Symposium Speaker, International Workshop on Ecological Risks of Genetically Engineered Crops, University of California at Berkeley, CA (3/2-3/5/00)

Symposium Speaker, Symposium: Gene Flow from Transgenic Crops, Third International Weed Science Congress, Foz do Iguassu, BRAZIL (6/10/00)

Invited Speaker, OARDC Annual Conference, "Biotechnology, agriculture, and the land grant university: what does the future hold?", Wooster, OH (4/27/00)

Invited Speaker, Crop Research Division, Dow AgroSciences, Indianapolis, IN (4/5/00)

1999 – Symposium Speaker, Biotechnology/Sustainable Agriculture Conference at Georgetown University

Symposium Speaker, United Nations Biosafety Workshop – The Significance of Transgenic Plants for Developing Countries, Basel, SWITZERLAND

Symposium Speaker, Symposium: Ecological Effects of Genetically Modified Organisms, Annual Meeting of the Ecological Society of America, Spokane, WA. (8/7/99)

Seminars given at University of Guelph, Canada; University of Nebraska

1998 – Symposium Speaker, Fifth International Biosafety Symposium. Assessment of gene flow and potential effects of genetically engineered traits in wild sunflower populations. Braunschweig, GERMANY.

Seminars given at Las Cruces Biological Station and Corcovado National Park, Organization for Tropical Studies, Costa Rica; and at Ohio State University (EEOB Dept.)

Invited Speaker – Ethics and Public Policy Board, SmithKline Beecham, Philadelphia corporate headquarters. Potential ecological risks from transgenic plants.

1997 - Seminars given at University of Pittsburgh, Copenhagen University (DENMARK), Risø National Laboratory (DENMARK), Aarhus University (DENMARK).

1996 - Symposium Organizer (with T. Spira): Wild-Crop Hybridization and the Ecological Impact of Escaped Transgenes. Sponsored by the Ecological Section of the Botanical Society of America, Seattle, WA.

Invited Speaker, Mesoamerican Workshop on Transgenic Crop Plants, Panamerican Agricultural Center, Zamorano, HONDURAS.

Symposium Speaker, Palfrey Symposium on Plant Reproductive Biology, University of Georgia.

Seminars given at University of Michigan, Duke University

1995 - Invited Speaker, Biotechnology Risk Assessment Conference, sponsored by EPA and USDA, Pensacola Beach, Florida.

Seminars presented at Rutgers University, University of Kansas, Bowling Green State University, and San Jose, COSTA RICA (Organization for Tropical Studies).

1994 - Invited Speaker, Biotechnology Risk Assessment Conference, sponsored by USDA, University of Maryland.

1993 - Symposium Speaker, Symposium on Sexual Selection in Plants and Animals, Annual Meeting of the Society for the Study of Evolution, Snowbird, Utah.

Symposium Speaker, Symposium on Plant Reproductive Biology, Rancho Santa Ana Botanic Garden, Claremont, California.

Symposium Speaker, Sprengel Bicentenary Symposium on Floral Biology, XV International Botanical Congress, JAPAN

Seminars presented at University of Illinois, College of Wooster, Heidelberg College, University of Michigan Biological Station, and San Jose, COSTA RICA (Organization for Tropical Studies)

1992 - Symposium Speaker, NSF-Sponsored Conference on Molecular and Mathematical Approaches to Genealogical Analysis and Strain Identification, Rutgers University.

Seminars presented at Princeton University, University of Missouri, University of Michigan, Ohio State University (Dept. of Plant Biology).

1991 - Symposium Speaker, Symposium on Plant Reproductive Ecology, Scandinavian Association of Pollination Ecologists, Uppsala, SWEDEN.

Invited Speaker, International Symposium on Angiosperm Pollen and Ovules, Lake Como, ITALY.

Seminar presented at the University of Cincinnati.

1990 - Symposium Speaker, Midwestern Population Biologists Meeting.

1989 - Seminars presented at University of Chicago, Ohio State University (Zoology Dept.), University of Michigan Biological Station, Indiana University, Denison University

1988 - Seminars presented at University of Missouri, University of Connecticut, Amherst College, Michigan State University, Ohio University, Bowling Green State University

1987 - Seminars presented at University of Illinois, University of California at Irvine, Brown University, University of Massachusetts, Rutgers University

COURSES TAUGHT:

*Courses:*

- 1989 - 2001 - Introduction to Ecology (with laboratory)
- 1989 - present - Plant Population Ecology (graduate course with laboratory; alternate years)
- 1993 - 2001 - Experimental Field Ecology (graduate course, with laboratory, co-taught with Elizabeth Marschall)
- 2001 – present – Senior Seminar for Evolution and Ecology Majors

*Graduate Seminars:*

- 1990 - Evolution of Plant Breeding Systems
- 1990 - Genetic Structure of Plant Populations
- 1990, 1993, 1995, 1997, 1998 - Pollination Ecology of Tropical Plants; module of graduate level Tropical Ecology course, Organization for Tropical Studies; Costa Rica
- 1992 - Plant Reproductive Ecology
- 1992 - Ecological Genetics of Rare Plants
- 1993 - Ecology and Evolution of Plant Ecotypes (co-taught with Dr. Peter Curtis)
- 1995 - Inbreeding, Outbreeding, and Conservation Biology (co-taught with Dr. Patricia Parker)
- 1995 - Statistics for Ecologists
- 1996 - Ecology of Invasive Plants (co-taught with Dr. Peter Curtis)
- 1999 - Restoration and Ecology of Rare Plants (co-taught with Dr. Amy Faivre)
- 2000 - Scientific Writing
- 2002 – Evolutionary Ecology of Weedy and Invasive Plants
- 2003– Molecular Markers and Genetic Diversity in Plant Populations
- 2003 – Gene Flow Between Crops and Wild Relatives
- 2008 - Ecological Genetics of Weedy and Invasive Plants

GRADUATE STUDENTS:

- Sandra Whisler**, M.S., 1991. "Pollen limitation of seed production in self-incompatible mayapple colonies (*Podophyllum peltatum*)."
- Kathleen Cochran**, M.S., 1993. "Genetic structure and reproductive success in two clonal, wind-pollinated prairie species." (Co-advisor with Tabor Allison)
- Jennifer Windus**, M.S., 1993. "Sexual dimorphism, reproductive success, and genetic structure of a rare fen species (*Valeriana ciliata*)."  
Employed at the US Fish and Wildlife Service, Columbus, OH.
- Katryn Syverson**, M.S., 1994. "Effects of elevated CO<sub>2</sub> and soil fertility on life history traits in wild radish (*Raphanus raphanistrum*)" (Co-advisor with Peter Curtis).
- Robert Klips**, Ph.D., 1995. "Inbreeding depression, autonomous self-pollination, and the genetic affinities of a rare taxon within the rose-mallows, *Hibiscus* section *Muenchhusia*.  
Currently an Associate Professor, Ohio State University at Marion.
- Pedro Moran-Palma**, Ph.D. 1997. "Reproductive ecology of *Hymenoxys herbacea* and *Helianthus annuus*."
- Carolee Franklin**, M.S. 1998, "Effects of inbreeding on seed set in federally endangered Running Buffalo Clover (*Trifolium stoloniferum*)."
- Theresa Culley**, Ph.D. 2000. "Breeding system and local genetic structure in two cleistogamous violet species (*Viola*)."  
Currently an Associate Professor, Univ. of Cincinnati.
- Lawrence Spencer**, Ph.D. 2001. "Fitness studies of hybrids between wild and domesticated,

transgenic squash (*Cucurbita pepo*)." Employed as an environmental scientist with the South Florida Water Management District.

**Kristen Uthus**, Ph.D. 2001. "The potential for introgression of cultivated radish (*Raphanus sativus*) alleles into wild radish (*Raphanus raphanistrum*) populations." Employed as an instructor at the University of Michigan Biological Station.

**Sarena Mattson Selbo**, M.S. 2001. "Ecological genetics of native grasses in restored conservation areas". Employed at the US Fish and Wildlife Service, Denver, CO.

**Su Su**, M.S. 2006 "Gene flow between sorghum and its weedy relatives". Employed as a biostatistician at Massachusetts Mutual.

**Michael Reagon**, Ph.D. 2006. "Effects of crop-wild hybridization on population genetic structure of wild sunflower and wild rice". Currently a postdoctoral research at the Univ. of Massachusetts, Amherst.

**Lesley Campbell**, Ph.D. 2007. "Adaptive significance of crop-wild hybridization in wild radish." Currently a Huxley Postdoctoral Fellow at Rice University.

**Amy Campbell**, Ph.D. Candidate, 2007-present, "Evolutionary ecology of switchgrass, a potential biofuel crop."

**Hsiaochi Chang**, M.S. Candidate, 2008-present, "Phenotypic correlates of a deleterious translocation in crop-wild hybrids of radish (*Raphanus* spp.)."

#### POSTDOCTORAL RESEARCHERS:

**Dr. Simon Emms**, Princeton University, 1994-95. "Effects of flower number on male fitness in a desert lily, *Zigadenus paniculatus*." OSU Postdoctoral Fellow.

**Dr. Amy Faivre**, University of Arizona, 1998-00. "Genetic variation in isolated populations of a rare plant, *Valeriana ciliata*" OSU Postdoctoral Fellow.

**Dr. Lawrence Spencer**, 2001- 2002 "Ecological effects of gene flow from crops to weeds."

**Dr. Jill Johnston**, 2002-2003 "Genetic diversity of shattercane and the potential for gene flow from grain sorghum."

**Dr. Kristin Mercer**, 2005-2008. "Evolutionary ecology of crop cultivars and wild relatives."

**Dr. Patricia Sweeney**, 2003 – present (Senior Research Associate) "Developing genetic markers for the study of gene flow in plants."

#### OSU UNDERGRADUATE HONORS ADVISEE:

**Elizabeth-Kathryn Baumann**, 2000-2001. Honor's Thesis: "Temporal and spatial variation in seed predation in *Hibiscus moscheutos*."

#### UNDERGRADUATE ADVISEES:

**Elizabeth K. Baumann**, Honors Thesis Research, 1999-2000

**Julie Ketner**, Independent Research, 2003-2004

**Brian Maxwell**, Independent Research, 2007-2008

NSF Research Experience for Undergraduates Program, University of Michigan Biological Station (1993-present): **Mary Puterbaugh**, **Amy Miller**, **Caroline Brock**, **Ted Lee**, **Andrea Case**, **Kathryn Flinn**, **Jessica Hyde**, **Nicole Smith**, **Stephanie Levy**

RECOGNITION FOR ACADEMIC EXCELLENCE & SERVICE TO UNDERGRADUATES

Faculty Supervisor, OSU Undergraduate Research Journal, 2007-2008  
Elected to Mortar Board, the National College Senior Honor Society, 2007  
Elected to the Honor Society of Phi Kappa Phi, 2007

SUMMARY OF UNIVERSITY SERVICE: (Since 1995, excluding 1997-98 Sabbatical Leave)

**College and University Committees:**

2008-09 Search Committee Member, Executive Dean of the Colleges of Arts and Sciences  
2006 – present  
Director, OSU Undergraduate Research Office  
Undergraduate Research Office Faculty Advisory Committee (Chair)  
Honors and Scholars Center Faculty Advisory Committee  
Denman Undergraduate Research Forum Faculty Advisory Committee (Chair in 2008)  
Directors' Committee, Enrollment Services and Undergraduate Education  
Presidential Committee on AAAS Fellows, 2004-present  
College of Arts and Sciences Honors Advisory Committee (2006-07)  
University Honors Review Committee, 2003-05  
Sigma Xi Scientific Research Society, member of the Governing Board, 2003  
Dean Search Committee Member, College of Biological Sciences, 1995-96  
Graduate School Fellowship Selection Committee, Member in 1995, 2001, 2002; Chair in 1996.  
OSU Student Aid for Graduate/Professional Fellowship Selection Committee Member, 1996  
College Reorganization Committee Co-Chair and Secretary, 1997-98  
Search Committee Member, Director of the Introductory Biology Program, 1998-99  
College Affirmative Action Committee Member, 1995, 1996  
College Promotion and Tenure Committee Member, 2000-01  
Institutional Biosafety Committee Member, 1995-2000

**Department Committees:**

Promotion and Tenure Committee Member, 1994-present; Chair 2002-04, 2005-06, 2007-08  
Seminar Committee Chair, 1999-2001; Co-Chair 2005-07  
Advisory Committee Member, 1994-1996, 2000-2003  
Graduate Studies Committee Member, 1994, 1995, 1998-99  
Search Committee Member (Molecular Systematics), 1994  
Search Committee Chair (Behavioral Ecology/Conservation Biology), 1999-00  
Social Events Committee, 1996, 1997, 2005  
Affirmative Action Committee Member, 1994, 1995, 1996-97 (Chair)  
Affirmative Action Coordinator, 1994, 1995, 1996, 1997  
Diversity Committee Chair, 1998-99; Member 2005