

IDENTIFYING INFORMATION**Academic Rank**

Distinguished McKnight University Professor in Plant & Microbial Biology Department in the College of Biological Sciences

Graduate Faculty Appointments in Conservation Biology, Ecology, Evolution, and Behavior, and Plant Biological Sciences

Education

Degree	Institution	Date Degree Granted
B.A.	Reed College, Portland, Oregon Biology	1992
A.M.	Harvard, Cambridge, MA Biology	1997
Ph.D.	Harvard, Cambridge, MA Biology (Advisor: Michael Donoghue)	1999

Positions/Employment

University of Minnesota, Twin Cities Science Director, Bell Museum	2015-present
Distinguished McKnight University Professor	2014-present
Full Professor	2011 - 2014
Associate Professor with Tenure	2006 - 2011
Assistant Professor	2001 - 2006
Curator, Bell Museum	2001- Present
National Museum of Natural History, Smithsonian Institution Research Associate	2000-2010
Michigan State University Visiting Research Associate	1999-2001
Harvard University Resident Tutor, Kirkland House	1995-1999
Teaching Fellow	1994-1998

Current Membership in Professional Organizations

American Association for the Advancement of Science (1999-present)
 American Society of Plant Taxonomists (1994-present)
 Botanical Society of America (1994-present); Committee Member (2012-2013)
 Gown in Town (2004-present); Secretary (2010-2013)
 Linnean Society of London (2015-present); Fellow
 Society for the Study of Evolution (1999-present)
 Society of Systematic Biologists, Member (1994-present); Program Chair (2005-2008)

HONORS AND AWARDS FOR RESEARCH/CREATIVE WORK, TEACHING, PUBLIC ENGAGEMENT, AND SERVICE

University of Minnesota

Distinguished McKnight University Professor; 2014 - present
 Institute on Environment Resident Fellowship; 2010 – 2012
 McKnight Presidential Fellowship Award; 2006 - 2008
 McKnight Land-Grant Professorship; 2005 - 2006

External Sources

David and Lucille Packard Fellowship in Science and Engineering; 2002 – 2007
 Publisher's Award, Society of Systematic Biologists; 2002
 Young Investigator's Award, American Society of Naturalists; 2001
 Ernst Mayr Award, Society of Systematic Biologists; 1999
 Garden Club of America Award in Tropical Botany; 1997
 NSF Graduate Research Training Fellowship; 1997
 Fernald Award of the Harvard University Herbaria; 1997
 Graduate Student Research Award in Plant Systematics, Harvard University; 1996
 Derek Bok Awards for Excellence in Teaching, Harvard University; 1995 – 1996
 Deland Award for Research on Woody Plants, Arnold Arboretum; 1995
 American Society of Plant Taxonomists Travel Award; 1995
 NSF Predoctoral Fellowship; 1994 – 1996
 Thomas Watson Fellowship; 1992 – 1993
 Phi Beta Kappa; 1992

Visiting Professorships or Visiting Scholar Positions

University of Western Sydney, Hawkesbury Institute for the Environment; Spring 2014; Visiting Professor

Universidad de Los Andes, Department of Biology, Bogota, Colombia; Fall 2013; Sanford Chair

Harvard University, Harvard Forest, Petersham, MA; Winter 2009; Collaborative Research

RESEARCH, SCHOLARSHIP, AND CREATIVE WORK

Grants and Contracts

External Sources

Pending Applications:

<u>Grant Period</u>	<u>Project Title</u>	<u>Agency</u>	<u>Direct Costs</u>	<u>Indirect Costs</u>
07/01/17-06/30/19	Digitization TCN: Collaborative Research: The Pteridological Collections Consortium: An integrative approach to pteridophyte diversity	NSF	\$38,179	\$12,599

07/01/17-06/30/19	Minnesota Water Stories Told in Digital Planetariums	Environment & Natural Resources Trust Fund	\$622,000	\$0
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Received at the University of Minnesota:

<u>Grant Period</u>	<u>Project Title</u>	<u>Agency</u>	<u>Direct Costs</u>	<u>Indirect Costs</u>
11/01/16-10/31/17	Bell Museum of Natural History and Planetarium	Margaret A. Cargill Foundation	\$1,000,000	\$0
11/01/16-06/30/17	Industrial Hemp Research Project	Minnesota Department of Agriculture	\$77,743	\$0
07/01/15-06/30/18	Integrating Minnesota's biodiversity data: a comprehensive, dynamic atlas (co-PI, lead PI Barker)	Environment & Natural Resources Trust Fund	\$339,750	\$0
07/01/15-06/30/18	Digitization TCN: Collaborative: The Microfungi Collections Consortium: A Networked Approach to Digitizing Small Fungi with Large Impacts	NSF	\$49,182	\$25,902
12/01/14-12/31/16	Preservation of bio-cultural resources in a New Guinea rain forest: education, eco-tourism, and science (lead PI)	Christensen Foundation	\$20,000	\$0
07/01/13-06/30/16	Collaborative Research: Digitization PEN: Digitization of North American bryophytes and lichens in two important medium-sized collections (lead PI, co-PIs Sweeny & Donoghue)	NSF	\$50,693	\$23,427
06/01/13-06/30/16	Acquiring hemp germplasm for industry sponsored research	All One God Faith, Inc.	\$8,290	\$4,310
01/15/14-12/21/15	Digitization TCN: Collaborative: The Macrofungi Collection (non-lead senior personnel)	NSF	\$70,830	\$34,155
09/01/09-05/31/15	Conservation and sustainable use of biodiversity in Papua New Guinea (co-PI, lead PI Barrows)	NIH	\$339,804	\$161,458
09/01/13-12/31/14	Analysis of forest measurements from the PNG 50-hectare plot (PI)	Smithsonian Institution	\$15,326	\$3,247
09/01/11-08/31/13	Molecular phylogenetics of Cecropia: a keystone neotropical pioneer, US-Colombia collaboration (lead PI, co-PI Madrinan)	NSF	\$41,014	\$8,872
08/15/09-07/31/12	Beta-diversity of plant-insect food webs along an altitudinal gradient (lead PI, co-PIs Novotny, Basset, & Miller)	NSF	\$501,622	\$123,531
09/01/08-08/31/11	Survey and inventory of New Guinea forest trees and arthropods (lead PI, co-PIs Novotny, Basset, & Miller)	NSF	\$321,490	\$78,510
09/01/06-	Co-evolution in the fig-wasp model system:	Kew Botanic	\$9,132	\$4,520

12/31/06	a phylogenetic approach (lead PI, co-PI Ronsted)	Gardens & European Commission		
07/01/05-06/30/07	Digital tree flora of New Guinea (lead PI)	Conservation International	\$25,245	\$7,755
09/01/05-08/31/08	Plant-insect food webs and tropical rain forest succession (lead PI, co-PIs Novotny, Basset, & Miller)	NSF	\$440,000	\$110,000
08/01/04-10/31/05	International Programs Supplement: Beta-diversity of caterpillars (Lepidoptera) in tropical rainforest: testing prediction of host specificity (lead PI, co-PIs Novotny, Basset, & Miller)	NSF	\$15,477	\$522
08/01/02-10/31/05	Beta-diversity of caterpillars (Lepidoptera) in tropical rainforest: testing prediction of host specificity (lead PI, co-PIs Novotny, Basset, & Miller)	NSF	\$274,626	\$65,845
11/14/02-11/13/10	Packard Fellowship in Science Engineering (PI)	Packard	\$562,500	\$65,500
02/01/02-08/31/05	Phylogenetic systematics of Moraceae: inflorescence evolution and the origin of a pollination mutualism (PI)	NSF	\$187,388	\$87,613

Received at the University of Minnesota – Student Grants

<u>Grant Period</u>	<u>Project Title</u>	<u>Agency</u>	<u>Direct Costs</u>	<u>Indirect Costs</u>
12/31/12-08/31/13	REU supplement: Molecular phylogenetics of Cecropia: a keystone neotropical pioneer, US-Colombia collaboration (lead PI, co-PI Madrinan)	NSF	\$6,375	\$1,125
07/01/11-08/31/11	REU supplement: Survey and inventory of New Guinea forest trees and arthropods (lead PI, co-PIs Novotny, Basset, & Miller)	NSF	\$6,375	\$1,125
07/01/10-12/31/10	REU supplement: Survey and inventory of New Guinea forest trees and arthropods (lead PI, co-PIs Novotny, Basset, & Miller)	NSF	\$6,375	\$1,125
07/01/09-12/31/09	REU supplement: Survey and inventory of New Guinea forest trees and arthropods (lead PI, co-PIs Novotny, Basset, & Miller)	NSF	\$6,375	\$1,125
07/01/06-06/30/08	Dissertation research on the phylogeny of Castilleae (Moraceae): Investigating the evolutionary history of the figs' closest relatives (lead PI, co-PI Clement)	NSF	\$11,743	\$0
06/01/08-12/31/08	REU supplement: Plant-insect food webs and tropical rain forest succession (lead PI, co-PIs Novotny, Basset, & Miller)	NSF	\$6,500	\$1,000
06/01/07-12/31/07	REU supplement: Plant-insect food webs and tropical rain forest succession (lead PI, co-PIs Novotny, Basset, & Miller)	NSF	\$6,500	\$1,000

05/01/05-08/31/05	REU supplement: Phylogenetic systematics of Moraceae: inflorescence evolution and the origin of a pollination mutualism (PI)	NSF	\$10,700	\$1,750
04/29/03-01/31/05	REU supplement: Phylogenetic systematics of Moraceae: inflorescence evolution and the origin of a pollination mutualism (PI)	NSF	\$5,100	\$875

Received at another institution:

<u>Grant Period</u>	<u>Project Title</u>	<u>Agency</u>	<u>Direct Costs</u>	<u>Indirect Costs</u>
07/01/00-06/30/02	Host specificity and species richness of tropical insect herbivores in Papua New Guinea: an outcome of ecological factors or evolutionary history? (co-PI with Novotny, Basset & Miller)	NSF	\$42,680	\$0
06/15/98-10/31/99	Dissertation Research: Phylogenetic Systematics And Evolutionary Ecology of Dioecious Figs and Their Pollinators (co-PI with Donoghue)	NSF	\$9,775	\$0

University Sources:

<u>Grant Period</u>	<u>Project Title</u>	<u>Agency</u>	<u>Direct Costs</u>
07/01/2014-06/30/2019	Distinguished McKnight University Professorship	Office of the Senior Vice President for Academic Affairs and Provost	\$100,000
10/01/13-09/30/15	Mining the herbarium record for change in Minnesota forest phenology and distribution (lead PI, co-PI Montgomery)	NIFA	\$60,000
01/20/09-11/09/10	International infrastructure for tropical forest research (PI)	Office of International Programs	\$25,000
09/15/06-09/14/09	McKnight Presidential Fellow Award	Office of the Vice President for Research	\$45,000
08/01/07-10/31/09	Hemp biomass and quantitative trait locus mapping (lead PI, co-PI Marks)	Minnesota Agricultural Experiment	\$29,702
07/01/05-06/30/07	McKnight Land-Grant Professorship	Graduate School	\$90,000

07/01/05-06/30/06	Low copy nuclear gene phylogeny of New Guinea Sycomorus figs: Hall Memorial Award in Plant Evolutionary Biology (PI)	Hall Award, Department of Plant Biology	\$10,000
07/15/03-07/14/04	Genome mapping of fiber traits in hemp (lead PI, co-PI Tschirmer)	Minnesota Agricultural Experiment Station	\$15,000
01/01/01-12/31/03	Under the Fig Leaf: Revealing University Research Through Community Interpreters (PI)	Office of Civic Engagement	\$7,500

Contracts & External Sales:

<u>Dates</u>	<u>Project Title</u>	<u>Agency</u>
15/04/15-14/04/16	Monitoring forest regeneration after industrial development in Papua New Guinea: plant species identification and vegetation analysis	New Guinea Binatang Research Center
11/02/2015-22/02/2015	Molecular identification of opium poppy	Drug Enforcement Administration, Seattle Division
09/16/2015-12/22/2014	Molecular identification of opium poppy	Drug Enforcement Administration, Seattle Division
11/01/13-09/07/14	Molecular identification of Cannabis sativa	Nevada Bureau of Land Management
14/02/13-11/06/13	Identification of New Guinea plants	Natural Discoveries
15/12/11	Molecular identification of Cannabis sativa	Nevada Bureau of Land Management
01/03/11-31/05/11	Plant specimen database development (co-PI with lead PI Weller)	Minnesota Department of Natural Resources
1/7/10	Extensible pole pruner for botanical collecting	Idea Wild
21/08/09	DNA fingerprinting of Salix nigra	Elk City, Oklahoma Police Department
24/08/09	Identification of Solomon Islands plants	Wyeth Corporation
26/01/09	Extensible pole pruners for botanical collecting	Center for Tropical Forest Science
20/06/08	Extensible pole pruners for botanical collecting	Smithsonian Institution
26/09/07-31/05/08	DNA fingerprinting of Cannabis sativa	Law Offices of Daniel Collins
09/03/07-30/03/07	Molecular identification of Cannabis sativa	Michigan State Police
01/15/07-02/20/07	Molecular identification of Phragmipedium orchids	Orchids Limited
01/07/06-02/03/07	DNA fingerprinting of Cannabis sativa	Santa Rosa California Police Department

10/13006	Extensible pole pruners for botanical collecting	Field Museum
04/24/06-08/30/06	DNA fingerprinting of <i>Cannabis sativa</i>	US Drug Enforcement Administration

EXTERNAL CONSULTING:

<u>Dates</u>	<u>Activity</u>	<u>Agency</u>
07/06/16-11/16/16	Expert opinion, Minnesota v. Anthony Osman	Appleman Law Firm
10/31/15-11/23/15	Expert opinion, Minnesota v. Brian Reed	Hammell & Murphy Attorneys at Law
11/21/14-11/16/14	Expert opinion, Rhode Island v. Kevin Leaf	Rhode Island Attorney General
09/17/14-10/21/14	Expert opinion, Minnesota v. Hu Vu Le	Shane Law Office
28/12/13-30/01/14	Expert opinion, United States v. Ronald Peffley	Sanford Shulman & Associates
08/03/13-20/11/13	Expert opinion, United States v. Kenneth Kraeger	Pennsylvania Federal Public Defender
09/24/10-04/21/11	Expert opinion, United States v. Linda Schmieding	Michigan Federal Public Defender
26/09/07-31/05/08	Expert witness, Illinois v. Brian Pryzbylski	Law Offices of Daniel Collins

Publications [contributions in brackets] & student authors indicated with asterisks

Articles in Press:

Weiblen, G. D., and J. P. Wenger. In press. Commentary on complex variability within the THCA and CBDA synthase genes in *Cannabis* species. *Journal of Forensic Investigation*. [data interpretation, manuscript editing]

Peer-Reviewed Articles:

- Ctvrtecka, R., K. Sam, S. E. Miller, G. D. Weiblen, and V. Novotny. 2016. Fruit sizes and the structure of frugivorous communities in a New Guinea lowland rainforest. *Austral Ecology* 41, 228–237. [Plant identification, eco-informatics, manuscript editing].
- Fibich, P., J. Leps, V. Novotny, P. Klimes, J. Tesitel, K. Molem, K. Damas, and G. D. Weiblen. 2016. Spatial patterns of tree species distribution in a New Guinea primary and secondary lowland rain forest. *Journal of Vegetation Science* 27, 328–339. [Plant identification, eco-informatics, manuscript editing]
- Treiber, E. L., A. Gaglioti, S. Neto, S. Madrinan, and G. D. Weiblen. 2016. Phylogeny of Cecropieae (Urticaceae) and the evolution of an ant-plant mutualism. *Systematic Botany* 41, 56-66. [Project design, data interpretation, manuscript editing]
- Vincent, J. B.*, G. D. Weiblen, and G. May. 2016. Host specificity and beta diversity of foliar fungal

- endophytes in New Guinea rainforest trees. *Molecular Ecology* 25, 825–841. [Project conception, fieldwork and labwork supervision, eco-informatics, data interpretation, manuscript editing].
- Forister, M. L., V. Novotny, A. K. Panorska, L. Baje, Y. Basset, P. T. Butterill, L. Cizek, P. D. Coley, F. Dem, I. R. Diniz, P. Drozd, M. Fox, A. Glassmire, R. Hazen, J. Hrcek, J. Jahner, O. Kajman, T. Kozubowski, T. A. Kursar, O. T. Lewis, J. T. Lill, R. J. Marquis, S. E. Miller, H. C. Morais, M. Murakami, N. Pardikes, R. E. Ricklefs, M. S. Singer, A. M. Smilanich, J. O. Stireman, S. Villamarin-Cortez, S. Vodka, M. Volf, D. L. Wagner, T. R. Walla, G. D. Weiblen, and L. A. Dyer. 2015. The global distribution of diet breadth in insect herbivores. *Proceedings of the National Academy of Sciences USA* 112, 442–447. [Project management, data set contribution, manuscript commenting]
- Lind, E. M., J. B. Vincent*, G. D. Weiblen, J. Cavender-Bares, and E. T. Borer. 2015. Trophic phylogenetics: evolutionary influences on body size, feeding, and plant species associations in grassland arthropods. *Ecology* 96, 998–1009. [Study design, phylogenetic analysis, data interpretation, manuscript commenting]
- Miller, S. E., M. Rosati, B. Gewa, V. Novotny, G. D. Weiblen, and P. D. N. Hebert. 2015. DNA barcodes of Lepidoptera reared from Yawan, Papua New Guinea. *Proceedings of the Entomological Society of Washington* 117, 247–250. [Project design, fieldwork supervision, data interpretation, manuscript editing].
- Weiblen, G. D., J. P. Wenger, K. J. Craft, M. A. ElSohly, Z. Mehmedic, E. L. Treiber*, and M. D. Marks. 2015. Gene duplication and divergence affecting drug content in *Cannabis sativa*. *New Phytologist* 208, 1241–1250. [Project conception, design, execution, data interpretation, manuscript authorship].
- Anderson-Teixeira, K. J., S. J. Davies, A. C. Bennett, E. B. Gonzalez-Akre, H. C. Muller-Landau, S. J. Wright, K. A. Salim, A. M. Almeyda, A. Alonso, J. L. Baltzer, Y. Basset, N. A. Bourg, E. N. Broadbent, W. Y. Brockelman, S. Bunyavechewin, D. F. R. P. Burslem, N. E. Butt, M. Cao, D. Cardenas, G. B. Chuyong, K. Clay, S. Cordell, H. S. Dattaraja, X. Deng, M. Detto, X. Du, A. Duque, D. L. Erikson, C. E. N. Ewango, G. A. Fischer, F. Fletcher, R. B. Foster, C. P. Giardina, G. S. Gilbert, N. Gunatilleke, S. Gunatilleke, Z. Hao, W. W. Hargrove, T. B. Hart, B. C. H. Hau, F. He, F. M. Hoffman, R. W. Howe, S. P. Hubbell, F. M. Inmannarahari, P. A. Jansen, M. Jiang, D. J. Johnson, M. Kanzaki, A. R. Kassim, D. Kenfack, S. Kibet, M. F. Kinnaird, L. Korte, K. Kral, J. Kumar, A. J. Larson, Y. Li, X. Li, S. Liu, S. K. Y. Lum, J. A. Lutz, K. Ma, D. M. Maddalena, J.-R. Makana, Y. Malhi, T. Marthews, R. M. Serudin, S. M. McMahon, W. J. McShea, H. Memiaghe, X. Mi, T. Mizuno, M. Morecroft, J. A. Myers, V. Novotny, A. A. De Oliveira, P. S. Ong, D. A. Orwig, R. Ostertag, J. Den Ouden, G. G. Parker, R. P. Phillips, L. Sack, M. N. Sainge, W. Sang, K. Sri-Ngernyung, R. Sukumar, I.-F. Sun, W. Lee, H. Suresh, S. Tan, S. C. Thomas, D. W. Thomas, J. Thompson, B. L. Turner, M. Uriarte, R. Valencia, M. I. Vallejo, A. Vicentini, T. Vrska, X. Wang, X. Wang, G. D. Weiblen, A. Wolf, H. Xu, S. Yap, and J. Zimmerman. 2014. CTFS-ForestGEO: a worldwide network monitoring forests in an era of global change. *Global Change Biology*. 21, 528–549. [Project design, management, data set contribution, manuscript commenting]
- Ctvrtecka, R., K. Sam, E. Brus, G. D. Weiblen, and V. Novotny. 2014. Frugivorous weevils are too rare to cause Janzen–Connell effects in New Guinea lowland rain forest. *Journal of Tropical Ecology* 30, 521–535. [Plant identification, eco-informatics, manuscript editing].
- Vincent, J. B. *, B. Henning*, S. Saulei, G. Sosanika, and G. D. Weiblen. 2014. Forest carbon in lowland Papua New Guinea: local variation and the importance of small trees. *Austral Ecology* 40, 151–159. [Project design, management, eco-informatics, data interpretation, manuscript editing]
- Basset, Y., R. Eastwood, S. Legi, D. J. Lohman, V. Novotny, T. Treuer, S. E. Miller, G. D. Weiblen, N. E. Pierce, S. Bunyavechewin, W. Sakchoowong, P. Kongnoo, and M. A. Osorio-Arenas. 2013. Cross-continental comparisons of butterfly assemblages in tropical rainforests: implications for biological monitoring. *Insect Conservation and Diversity*. 6, 223–233.
- Dem, F. F., A. J. A. Stewart, A. Gibson, G. D. Weiblen, and V. Novotny. 2013. Low host specificity in species-rich assemblages of xylem- and phloem-feeding herbivores (Auchenorrhyncha) in a New Guinea lowland rain forest. *Journal of Tropical Ecology* 29, 467–476.

- Hamilton, A. J., V. Novotny, E. K. Waters, Y. Basset, K. K. Benke, P. S. Grimbacher, S. E. Miller, G. A. Samuelson, G. D. Weiblen, J. D. L. Yen, and N. E. Stork. 2013. Quantifying uncertainty in estimation of tropical arthropod species richness. *Oecologia*. 171, 357–365.
- Miller, S. E., J. Hrcek, V. Novotny, G. D. Weiblen, and P. D. N. Hebert. 2013. DNA barcodes of caterpillars (Lepidoptera) from Papua New Guinea. *Proceedings of the Entomological Society of Washington*. 115, 1-3.
- Yoder, J. B., R. Briskine, J. Mudge, A. Farmer, T. Paape, K. Steele, G. D. Weiblen, A. K. Bharti, P. Zhou, G. D. May, N. Young, and P. Tiffin. 2013. Phylogenetic signal variation in the genomes of *Medicago* (Fabaceae). *Systematic Biology*. 62, 424–438.
- Beaulieu, J. M., Ree R. H., Cavender-Bares, J., Weiblen, G. D. and M. J. Donoghue. 2012. Synthesizing phylogenetic knowledge for ecological research. *Ecology*. 93, 3-16.
- Cruaud, A., N. Rønsted, B. Chantarasuwan, L. S. Chou, W. L. Clement*, A. Couloux, B. Cousins, G. Genson, R. D. Harrison, P. E. Hanson, M. Hossaert-McKey, R. Jabbour-Zahab, E. Jousset, C. Kerdelhué, F. Kjellberg, C. Lopez-Vaamonde, J. Peebles, Y. Q. Peng, R. A. S. Pereira, T. Schramm, R. Ubaidillah, S. van Noort, G. D. Weiblen, D.-R. Yang, P. Yan-Qiong, A. Yodpinyanee, R. Libeskind-Hadas, J. M. Cook, J.-V. Rasplus, and V. Savolainen. 2012. An extreme case of plant-insect co-diversification: figs and fig-pollinating wasps. *Systematic Biology* 61,1029-1047.
- Hamilton, A. J., V. Novotny, E. K. Waters, Y. Basset, K. K. Benke, P. S. Grimbacher, S. E. Miller, G. A. Samuelson, G. D. Weiblen, J. D. L. Yen, and N. E. Stork. 2012. Quantifying uncertainty in estimation of tropical arthropod species richness. *Oecologia*. 171, 357–365.
- Klimes, P., C. Idigel, M. Rimandai, T. M. Fayle, M. Janda, G. D. Weiblen, and V. Novotny. 2012. Why are there more arboreal ant species in primary than secondary tropical forests? *Journal of Animal Ecology*. 81, 1103–1112.
- Moe, A. M. * and G. D. Weiblen. 2012. Pollinator-mediated reproductive isolation among dioecious fig species (*Ficus*, Moraceae). *Evolution*. 66, 3710–3721.
- Novotny, V., S. E. Miller, J. Hrcek, L. Baje, Y. Basset, O. T. Lewis, A. J. A. Stewart, and G. D. Weiblen. 2012. Insects on plants: Explaining the paradox of low diversity within specialist herbivore guilds. *American Naturalist*. 179, 351-362.
- Whitfeld, T. J. S. *, V. Novotny, S. E. Miller, J. Hrcek, P. Klimes, and G. D. Weiblen. 2012. Predicting tropical insect herbivore abundance from host plant traits and phylogeny. *Ecology*. 93, S211-S223.
- Whitfeld, T. J. S. *, D. L. Erickson, W. J. Kress, and G. D. Weiblen. 2012. Change in community phylogenetic structure during tropical forest succession: evidence from New Guinea. *Ecography* 34, 821-830.
- Moe, A. M. *, D. Rossi, and G. D. Weiblen. 2010. Pollinator sharing in dioecious figs (*Ficus*, Moraceae). *Biological Journal of the Linnean Society*. 103, 546–558.
- Moe, A. M. * and G. D. Weiblen. 2010. Development and characterization of microsatellite loci in dioecious figs (*Ficus*, Moraceae). *American Journal of Botany*. 98, e25–e27.
- Moe, A. M.* and G. D. Weiblen. 2010. Molecular divergence and allopatric speciation in *Ceratosolen* pollinators (Agaonidae) of geographically widespread *Ficus* species (Moraceae). *Annals of the Entomological Society of America*. 103, 1025-1037
- Hamilton, A. J., Y. Basset, K. K. Benke, P. S. Grimbacher, S. E. Miller, V. Novotny, G. A. Samuelson, N. E. Stork, G. D. Weiblen, and J. D. L. Yen. 2010. Reducing uncertainty of global arthropod species richness estimates. *American Naturalist* 176, 90-95.
- Novotny, V., S. E. Miller, L. Baje, S. Balagawi, Y. Basset, L. Cizek, K. J. Craft, F. Dem, R. A. I. Drew, J. Hulcr, J. Leps, O. T. Lewis, R. Pokon, A. J. A. Stewart, and G. D. Weiblen 2010. Guild-specific patterns of species richness and host specialization in plant herbivore food webs from tropical forest. *Journal of Animal Ecology*. 79, 1193-1203.
- Whitfeld, T. J. S.* and G. D. Weiblen 2010. New species of *Ficus* (Moraceae) from Melanesia. *Harvard Papers in Botany*. 15, 1-10.
- Craft, K. J., S. Pauls, K. Darrow, P. D. N. Hebert, L. Helgen, S. E. Miller, V. Novotny, and G. D. Weiblen. 2010. Population genetics of ecological communities with DNA barcodes: An example from New

- Guinea Lepidoptera. *Proceedings of the National Academy of Science USA*. 107, 5041-5046.
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Unreviewed Articles:

- Weiblen, G. D. 2014. Diversity in nature. *The Gardens* (Magazine Royal Sydney Botanical Gardens) Spring, 5.
- Novotny, V., P. Drozd, S. E. Miller, M. Kulfan, M. Janda, Y. Basset, and G. D. Weiblen. 2007. Response to comment on "Why are there so many species of herbivorous insects in tropical rainforests?" *Science* 315, 1666
- Weiblen, G. D., and W. L. Clement. 2007. Flora Malesiana. Series I. Volume 17 parts 1 & 2. *Edinburgh Journal of Botany* 64, 431-437.
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Books and Book Chapters:

- Weiblen, G. D., and A. M. Moe, editors. 2016. WIAD Conservation: A Handbook of Traditional Knowledge and Biodiversity, University of Minnesota Printing Services.
- Weiblen, G. D., and E. L. Treiber*. 2015. Evolutionary Origins and Diversification of Mutualism. Pages 36-56 in J. L. Bronstein, editor. *Mutualism*. Oxford University Press, Oxford.
- Novotny, V., G. D. Weiblen, S. E. Miller, and Y. Basset. 2012. The role of paraecologists in twenty-first century tropical forest research Pages 154-157 in M. D. Lowman, T. D. Schowalter, and J. F. Franklin, editors. *Methods in Forest Canopy Research*. University of California Press, Berkeley.
- Moe, A. M.*, Clement, W. L.* and G. D. Weiblen. 2012. Rapid evolution of pollinator-mediated reproductive isolation in plants. *Evolution in the fast lane: Rapidly evolving genes and genetic systems*. Pages 266-273 in R. S. Singh, J. Xu and R. J. Kulathinal, editors. Oxford, Oxford University Press.
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Published Abstracts:

- Iida, Y. Swenson, N. G., Weiblen, G. D., Novotny, V., and Montgomery, R. A. 2015. Relationships between species traits and whole plant allocation across tropical tree species in Papua New Guinea. Association of Tropical Biology and Conservation Annual Meeting, Honolulu, Hawaii.
- Weiblen, G. D., Wenger, J. P., Craft, K. J., ElSohly, M. A., Mehmedic, Z., Treiber, E. L., and Marks, M. D. 2015. Genetics of cannabinoid accumulation in the glandular trichome of *Cannabis sativa*. Annual Meeting of the American Society of Plant Biologists, Minneapolis, Minnesota.
- Treiber, E. L. and G. D. Weiblen. Resolving relationships in Cecropieae (Urticaceae): implications for the evolution of an ant-plant mutualism. 2014. Annual Meeting of the Society for the Study of

- Evolution, Raleigh, North Carolina.
- Vincent J. B. and Weiblen G. D. Species-habitat associations of tree species in a Papua New Guinea rain forest: substrate disturbance and a keystone disperser. 2013. Association of Tropical Biology and Conservation Annual Meeting, San Jose, Costa Rica.
- Torres, M. F., S. Madrinan, and G. D. Weiblen. 2013. *Cecropia*-ant interactions in Colombia: Identification and network analysis. Annual Meeting of the Botanical Society of America, New Orleans, Louisiana.
- Treiber, E. , S. Madrinan, G. D. Weiblen. 2013. Annual Meeting of the Botanical Society of America, New Orleans, Louisiana.
- Exploration of sequence variation for resolving the phylogeny of the Neotropical genus *Cecropia*.
- Steele, K., T. Nidey, G. Zilnik, J. Yoder, P. Tiffin, J. Mudge, G. D. Weiblen, and M. Wojciechowski. 2012. Phylogenetic analyses of *Medicago* using plastid and nuclear-encoded molecular markers and whole genome sequence data. Annual Meeting of the Botanical Society of America, Columbus, Ohio.
- Weiblen, G. D., Craft, K. J., Wenger, J. P., Mehmedic, Z. and ElSohly, M. 2009. A genetic linkage map for *Cannabis* based on microsatellites and AFLP markers. Annual Meeting of the Botanical Society of America, Snowbird, Utah.
- Treiber, E. and Weiblen, G. D. 2009. Phylogeny of *Cecropia* based on chloroplast DNA Sequences. Annual Meeting of the Botanical Society of America, Snowbird, Utah.
- Craft, K. J., Wenger, J. P., Mehmedic, Z, ElSohly, M., and G. D. Weiblen. 2008. Segregation distortion and genetic mapping of cannabinoids in an inbred population of *Cannabis sativa*. Annual Meeting of the Botanical Society of America, Vancouver, British Columbia.
- Petefish, M., Wenger, J. P., Mehmedic, Z, ElSohly, M., and G. D. Weiblen. 2008. Inheritance of cannabinoid phenotype in a segregating population of *Cannabis sativa*. Annual Meeting of the Botanical Society of America, Vancouver, British Columbia.
- Weiblen, G. D. and N. J. C. Zerega. 2004. Pollination in the New Guinea endemic *Antiaropsis decipiens* (Moraceae) is mediated by thrips. Annual Meeting of the Botanical Society of America, Snowbird, Utah.
- Weiblen, G. D. and N. Deacon. 2004. An online interactive key to the woody plants of Minnesota. Annual Meeting of the Botanical Society of America, Snowbird, Utah.
- Datwyler, S. L. and G. D. Weiblen. 2004. Assessing genetic variation in hemp (*Cannabis sativa* L.) for mapping economically important traits. Annual Meeting of the Botanical Society of America, Snowbird, Utah.
- Zerega, N. J. C. and Weiblen, G. D. 2003. Developing a phylogenetic framework for the Moraceae family based on plastic and nuclear sequence data. Poster presentation at the Annual Meeting of the Botanical Society of America in Mobile, Alabama.
- Datwyler, S. L., W. Clement, S. Swenson, and G. D. Weiblen. 2003. On the origin of figs: Phylogenetic relationships within Moraceae based on *ndhF* and 26S sequence data. Annual Meeting of the Botanical Society of America, Mobile, Alabama.

Other:

- Weiblen, G. D. and Deacon, N. 2004. An interactive key to the woody plants of Minnesota.
<http://geo.cbs.umn.edu/treekey/navikey.html>
- Wenblom, T. and Weiblen, G. D. 2011. A web portal for access to University of Minnesota herbarium re
<http://search.bellmuseum.umn.edu/>
- Whitfeld, T. G. and G. D. Weiblen. 2007. A checklist of woody plant genera of New Guinea.
<http://geo.cbs.umn.edu/NGwoodygenera/NGwoodygenera.html>

Presentations

<u>Dates</u>	<u>Location & Topic</u>
2016	University of Louisville, Department of Biology, Louisville, Kentucky, "The coevolutionary microcosm: plants, pollinators, and parasites"
2016	Science of Industrial Hemp Conference, Crop Society of America, Denver, Colorado, "Gene duplication and divergence affecting drug content in <i>Cannabis sativa</i> "
2016	Meeting Society's Grand Challenges Through Community-Engaged Research, Teaching, and Learning, University of Minnesota, Minneapolis, "Species discovery and bio-cultural preservation on the rainforest frontier"
2016	Brown University, Providence, Rhode Island, "Gene duplication and divergence affecting drug content in <i>Cannabis sativa</i> "
2016	Iowa State University, Ames, Iowa, "Community disassembly: dissecting plant-insect food webs in New Guinea rain forests"
2015	South Dakota State University, Brookings, South Dakota, "Gene duplication and divergence affecting drug content in <i>Cannabis sativa</i> "
2015	College of Biological Sciences 50 th Anniversary Lightning Talk, "Species discovery and bio-cultural preservation on the rainforest frontier"
2015	Plant Biological Sciences Colloquium Lightning Talk, "Gene duplication and divergence affecting drug content in <i>Cannabis sativa</i> "
2015	Botanical Society of America Symposium on Coevolved Mutualism, Edmonton Alberta, "Pollinator-mediated reproductive isolation among dioecious fig species (<i>Ficus</i> , Moraceae)"
2015	Chicago Plant Science Symposium, Field Museum, Chicago, Illinois, "Species discovery and bio-cultural preservation on the rainforest frontier"
2015	Melinda Denton Endowed Lecture, University of Washington, Seattle, Washington, "Community disassembly: dissecting plant-insect food webs in New Guinea rain forests"
2015	German Entomological Society Annual Meeting, Frankfurt, Germany, "Community disassembly: dissecting plant-insect food webs in New Guinea rain forests"
2014	EvoTwin Discussion Group, College of Biological Sciences, University of Minnesota, "Gene duplication and divergence affecting drug content in <i>Cannabis sativa</i> "
2014	Department of Biology, University of Missouri at Saint Louis, Saint Louis, Missouri, "Why are there so many species in tropical rain forests?"
2014	Department of Biology, University of Missouri at Saint Louis, Saint Louis, Missouri, "Community disassembly: dissecting plant-insect food webs in New Guinea rain forests"
2014	Annual Meeting of the Society for the Study of Evolution 2014, Raleigh, North Carolina, "Gene duplication and divergence affecting drug content in <i>Cannabis sativa</i> "
2014	Department of Biology, Australian National University, Canberra Australia, "Community disassembly: dissecting plant-insect food webs in New Guinea rain forests"
2014	Hawkesbury Institute for the Environment, University of Western Sydney, Richmond, Australia, "Community disassembly: dissecting plant-insect food webs in New Guinea rain forests"
2014	International Day of Forests, Forest Research Institute, Lae, Papua New Guinea "PNG's first large-scale, long-term forest dynamics plot"
2013	Universidade de Sao Paulo, Brasil, "Origin and diversification of mutualism: insights from Urticalean phylogeny"
2013	Universidad de Los Andes, Bogota, Colombia, "Community disassembly: dissecting plant-insect food webs in New Guinea rain forests"
2013	Entomological Society of America, Austin, Texas, Guy Bush symposium, "Insects mediate the evolution of plant reproductive isolation in sympatry"
2013	Association for Tropical Biology, San Jose, Costa Rica, Genetics of tropical trees symposium, "Pollinator-mediated speciation and hybridization in fig trees"
2013	Portland State University, Portland, Oregon, "Community disassembly: dissecting plant-insect food webs in New Guinea rain forests"
2013	Reed College, Portland, Oregon, "The <i>Cannabis</i> conundrum: science and politics of America's

- most controversial plant”
- 2013 University of Technology, Lae, Papua New Guinea, “Global forest observatories: PNG joins an international network to monitor the health of tropical forests”
- 2012 Centre for Biodiversity, University of British Columbia, Vancouver, Canada, “Community disassembly: dissecting a New Guinea rain forest food web”
- 2012 Department of Plant Biology, Michigan State University, “Predicting herbivore abundance from host plant traits & phylogeny”
- 2012 Department of Geography, University of Minnesota, “Papua New Guinea forest science, politics and development”
- 2012 University of Utah, Salt Lake City, International Conservation of Biodiversity Group Meeting, “Microbial discovery in Papua New Guinea’s largest forest plot”
- 2012 Legislative Citizen’s Commission on Minnesota Resources, Minnesota State Capitol, “Enabling dynamic access to biodiversity information”
- 2012 College of Saint Catherine, Saint Paul, “Coevolution of figs, pollinators, and dispersers”
- 2012 Minnesota Department of Natural Resources, Saint Paul, Minnesota, “Upgrading digital access to Minnesota biodiversity information at the Bell Museum”
- 2011 Outburst!, Institute on Environment, University of Minnesota, “Establishing a forest dynamics plot for Papua New Guinea”
- 2011 Ecological Society of America Annual Meeting, DNA Barcoding Symposium, “Population genetics of ecological communities with DNA barcodes: An example from New Guinea Lepidoptera”
- 2011 University of Utah, Salt Lake City, International Conservation of Biodiversity Group Annual Meeting, “Conservation and biodiversity discovery in Papua New Guinea’s largest forest plot”
- 2011 National Zoo, Washington D.C., “Coevolution of figs, pollinators, and dispersers”
- 2011 University of Saint Thomas, Saint Paul, Minnesota, “Community disassembly: dissecting a tropical plant-insect foodweb”
- 2011 Institute on Environment, University of Minnesota, “Science and politics on the rain forest development frontier”
- 2011 Carleton College, Northfield, Minnesota, “Community disassembly: dissecting a tropical plant-insect foodweb”
- 2010 Saint Croix Watershed Research Station, Marine on St. Croix, Minnesota, “Rainforest research in New Guinea’s final frontier”
- 2010 National Center for Ecological Synthesis, Santa Barbara, California, “Lowland rainforest successional stage and plant functional traits as predictors of insect abundance”
- 2010 Department of Entomology, University of Wisconsin, “Community disassembly: dissecting a tropical plant-insect foodweb”
- 2010 Universidad de Los Andes, Bogota, Columbia, “Genetics of America’s most controversial plant, *Cannabis sativa*”
- 2010 Universidad de Los Andes, Bogota, Columbia, “Coevolution in the fig microcosm”
- 2010 Plant Biological Sciences Colloquium, University of Minnesota, “Community disassembly: dissecting a tropical plant-insect foodweb”
- 2010 Association for Tropical Biology, Bali, Indonesia, “Scientific writing for a wide audience”
- 2010 Association for Tropical Biology, Bali, Indonesia, “Molecular divergence in allopatric *Ceratosolen* pollinators (Agaonidae) of geographically widespread *Ficus* (Moraceae) species”
- 2010 Department of Ecology, Evolution & Behavior, University of Minnesota
- 2009 Department of Horticulture, University of Minnesota
- 2009 Rancho Santa Anna Botanical Garden, Claremont, California
- 2009 Association for Tropical Biology, Marburg, Germany
- 2009 Harvard Forest, Harvard University, Petersham, Massachusetts
- 2009 Harvard University Herbaria, Cambridge, Massachusetts
- 2009 Department of Biology, Yale University, New Haven, Connecticut

- 2009 Department of Ecology, Evolution, and Behavior, University of Toronto, Toronto, Ontario
- 2009 Department of Biology, Florida State University, Tallahassee, Florida
- 2008 Biology Department, Augsburg College, Minneapolis, Minnesota
- 2008 US Embassy, Port Moresby, Papua New Guinea
- 2008 Forest Research Institute, Lae, Papua New Guinea
- 2008 Biology Department, Winona State University, Winona, Minnesota
- 2008 Biology Department, Mankato State University, Mankato, Minnesota
- 2007 Behavior, Ecology & Evolution Program, University of Maryland, College Park,
- 2007 EEB Friday Noon Seminar, University of Minnesota, Saint Paul, Minnesota
- 2007 Biology Department, University of Wisconsin at Eau Claire, Eau Claire, Wisconsin
- 2007 Packard Fellows in Science & Engineering, Monterey Bay Aquarium, Monterey, California
- 2007 Simmons Lecture, Department of Entomology, Michigan State University, East Lansing, Michigan
- 2007 Department of Botany, University of Florida, Gainesville, Florida
- 2007 Department of Biology, University of Utah, Salt Lake City, Utah
- 2006 Biology Department, Macalester College, Saint Paul, Minnesota
- 2006 Co-diversification Symposium, Evolution 2006, Stony Brook, New York
- 2006 Department of Plant Pathology, University of Minnesota, Saint Paul, Minnesota
- 2005 Department of Biology, University of Illinois at Chicago, Chicago, Illinois
- 2005 Graduate Program in Conservation Biology, University of Minnesota, Saint Paul, Minnesota
- 2005 Department of Entomology, Texas A&M University, College Station, Texas
- 2005 Department of Plant Biology, University of Minnesota, Saint Paul, Minnesota
- 2005 University of Michigan Biological Station, Pellston, Michigan
- 2005 Moraceae Symposium, International Botanical Congress, Vienna, Austria
- 2005 Biology Department, Grinnell College, Grinnell, Iowa
- 2005 Department of Biology, University of Idaho, Moscow, Idaho
- 2005 Department of Ecology, Evolution & Behavior, University of Minnesota
- 2005 Department of Biology, University of Minnesota at Duluth
- 2004 Rocky Mountain Biological Laboratory, Gothic Colorado
- 2004 Seventh International Ficus Symposium, Beijing, China.
- 2003 Tom Wood Symposium, Entomological Society of America, Cincinnati, Ohio
- 2003 Luther College, Decorah, Iowa
- 2003 Caterpillar Biodiversity Workshop, Guanacaste, Costa Rica
- 2003 Department of Biology, Carleton College, Northfield, Minnesota
- 2002 Department of Biology, University of Massachusetts, Amherst, Massachusetts
- 2002 Department of Botany, Iowa State University, Ames, Iowa
- 2002 Biology Department, Reed College, Portland Oregon
- 2002 Plant Biology Colloquium, University of Minnesota
- 2002 Comparative Ecology in the Tropical Forest Symposium, French Guyana
- 2002 Co-evolution Symposium, Evolution 2002, Urbana-Champaign, Illinois
- 2002 Department of Botany, University of Wisconsin-Madison
- 2001 Smithsonian Tropical Research Institute, Panama
- 2001 Sixth International Ficus Symposium, Cape Town, South Africa
- 2000 Graduate Program in Ecology, Evolutionary Biology and Behavior, Michigan State University
- 2000 Department of Environmental, Population and Organismic Biology, University of Colorado at Boulder
- 2000 Department of Botany, Duke University
- 2000 Field Museum of Natural History, Chicago, Illinois
- 2000 Department of Ecology and Evolution, Rice University
- 1999 Department of Plant Biology, University of Minnesota
- 1999 Department of Organismic and Evolutionary Biology, Harvard University

TEACHING AND CURRICULUM DEVELOPMENT**Teaching:****University of Minnesota**

<u>Year & Term</u>	<u>Designator and Title</u>	<u>Credits</u>	<u>Enrollment</u>	<u>Responsibility</u>	<u>Evaluation on File</u>
2014 Fall	PBio 4321: Minnesota Flora	3	46	100%	Yes
2012 Fall	PBio 4321: Minnesota Flora	3	47	100%	Yes
2012 Spring	PBio 4511: Flowering Plant Diversity	3	29	100%	Yes
2010 Fall	PBio 4321: Minnesota Flora	3	45	50%	Yes
2010 Spring	PBio 4511: Flowering Plant Diversity	3	33	100%	Yes
2009 Fall	PBio 5960 Phylogenetic Analysis	1	18	100%	Yes
2009 Fall	PBio 5960: Plant Traits	1	8	10%	No
2008 Fall	PBio 4321: Minnesota Flora	3	41	50%	Yes
2008 Spring	PBio 4511: Flowering Plant Diversity	3	46	100%	Yes
2007 Spring	PBio 5960 Phylogenetic Analysis	1	20	100%	Yes
2006 Fall	PBio 4321 Minnesota Flora	3	19	50%	Yes
2006 Spring	PBS 8082 Plant Biology Seminar	1	6	30%	No
2006 Spring	PBio 4511 Flowering Plant Diversity	3	21	100%	Yes
2005 Summer	Biol 1805 Nature of Life	1	30	5%	Yes
2005 Spring	PBio 8993 Phylogenetic Analysis	1	16	100%	Yes
2004 Spring	PBio 4511 Flowering Plant Systematics	3	21	100%	Yes
2003 Summer	Biol 1805 Nature of Life	1	90	5%	Yes
2002 Fall	PBio 8993 Phylogenetic Analysis	1	5	100%	No
2002 Spring	PBio 4511 Flowering Plant Systematics	3	11	100%	Yes

Rocky Mountain Biological Laboratory

<u>Date</u>	<u>Title</u>	<u>Credits</u>	<u>Enrollment</u>	<u>Responsibility</u>	<u>Evaluation on File</u>
Summer 2011	Field Botany	2	7	100%	No
Summer 2009	Field Botany	2	7	100%	No
Summer 2007	Field Botany	2	5	100%	No

Summer 2006	Field Botany	2	9	100%	No
Summer 2005	Field Botany	2	13	100%	No
Summer 2004	Field Botany	2	11	100%	No
Summer 2003	Field Botany	2	5	100%	No
Summer 2002	Field Botany	2	13	100%	No
Summer 2001	Field Botany	2	12	100%	No

Universidad de los Andes

<u>Date</u>	<u>Title</u>	<u>Credits</u>	<u>Enrollment</u>	<u>Responsibility</u>	<u>Evaluation on File</u>
Fall 2013	Advanced Phylogenetic Systematics	3	12	100%	No

Curriculum Development:

09/2003-05/2004	Participant in Bush Foundation Grant on Enhancing Learning Through Innovative Teaching and Technology Strategies, University of Minnesota
2006	Foundations of Biology Course Design Team, College of Biological Sciences, University of Minnesota
01/2011-05/2011	Mid-Career Teaching Enhancement Workshop, Center for Teaching & Learning, University of Minnesota

ADVISING AND MENTORING**Undergraduate Directed Study**

<u>Name</u>	<u>Nature of Experience</u>	<u>Dates</u>
Alexia Rodriguez	UROP	2016
Bruce Wilson	Internship, Pen & Ink Artists	2016
Liam Beckman	LSSURP	2014
Brenda Gutierrez	LSSURP	2013
Alex Halverson	LSSURP	2013
Gaurav Kandlikar	Directed Research	2012
Andrea Guensburg	Directed Research	2012
Linnea Peterson-Bunker	LSSURP	2012
Emma Schlatter	Volunteer	2012
Wilson Craine	Macalester College Research Internship	2012-2013
Sarah Anderson	LSSURP	2011
Zoe Hastings	Macalester College Research Internship	2010
Andrew Friedler	Work/Study & NSF REU	2010-2011
Kevin Mortenson	Work/Study	2010-2011
Elizabeth Mattingly	UROP	2011
Kathryn Resner	Directed Research	2008-2009
Erin Treiber	Directed Research & NSF REU	2008-2009
Ross Bernard	Directed Research	2008
Cameron Johnson	LSSURP	2008
Mike Petefish	Directed Research	2007-2008
Dan Rossi	Directed Research & NSF REU	2007-2008

Matt Weldy	Directed Research	2007
Justin Hughes	Directed Research	2005
Colleen Roach	LSSURP	2005
Nathan Mueller	LSSURP	2005
Alex Hooker	Directed Research & UROP	2004-2005
Erika Blackwell	Directed Research, UROP, & LSSURP	2004-2005
Suzette Meraz	NSF REU	2004
James Klaas	NSF REU	2003
Stephanie Swenson	Directed Research & NSF REU	2002-2003
Dana Hubert	NSF REU	2002
Mayen Effoing	Directed Research	2002

Graduate Student Activities

Graduate examining committee appointments (current):

Erin Treiber
 Tarciso Leao
 Shan Kothari
 Billy Bau, M. Sc., external reviewer, University of Papua New Guinea
 Clant Alok, M.Sc. external reviewer, University of Papua New Guinea

Graduate examining committee appointments (non-advisees graduated since 2011):

Matthew Dufort (2015)
 Xiaoching Wei (2015)
 Billy Bau (2015) B.Sc. Honors, external reviewer, University of Papua New Guinea
 Moana McClellan (2014)
 Rosanne Healy (2013)
 Ana Maria Bedoya (2013) M.Sc., external reviewer, Universidad de Los Andes
 Dominic Halas (2011)

Current Graduate Student Advisees:

<u>Name</u>	<u>Degree</u>	<u>Program</u>	<u>Dates</u>
Clemon Dabney	PhD	Plant Biological Sciences	2016-
Erin Treiber	PhD	Plant Biological Sciences	2011-

Past Graduate Advisees:

<u>Student Name</u>	<u>Program/Degree</u>	<u>Graduated</u>	<u>Present Position</u>
Kirsten Bovee	Plant Biological Sciences/M.Sc.	2004	Research Assistant, Pacific Southwest Research Station, USDA
Summer I. Silvius	Plant Biological Sciences /PhD	2006	Horticulturalist, Green Circle Growers, Ohio
Wendy L. Clement	Plant Biological Sciences /PhD	2008	Assistant Professor, College of New Jersey
Gregory P. Setliff	Entomology/PhD	2009	Assistant Professor,

Annika M. Moe	Ecology, Evolution & Behavior/PhD	2011	Kutztown University, PA HHMI Post-doctoral Fellow, University of Minnesota
Timothy J. S. Whitfeld	Plant Biological Sciences /PhD	2011	Curator, Biology Department, Brown University
Bridget Henning	Conservation Bio/PhD	2014	Post-doc, Illinois Department of Natural Resources
John Vincent	Plant Biological Sciences/ PhD	2015	Post-doc, University of Washington
Bega Inaho	Conservation Biology/MSc	2015	Environmental Consultant, Institute of Biological Research, Papua New Guinea
Rebecca Sims	Plant Biological Sciences /M.Sc.		unknown

Thesis Titles:

<u>Student Name</u>	<u>Title</u>
Kirsten Bovee	Invasive <i>Linaria vulgaris</i> , disturbance and diversity: associations at multiple spatial scales in Colorado
Summer I. Silvieus	Species limits, host specificity, and co-diversification of fig wasps associated with <i>Ficus</i> subgenus <i>Sycomorus</i>
Wendy L. Clement	Phylogeny and pollination ecology of Castilleae (Moraceae)
Gregory P. Setliff	Systematic studies of the Indo-Australian crowned weevils (Coleoptera: Curculionidae: Cryptorhynchinae)
Annika M. Moe	From pattern to process: ecology and evolution of host specificity in the fig-pollinator mutualism
Timothy J. S. Whitfeld	Phylogenetic diversity, functional traits, and tropical forest succession
Brigdet M. Henning	The diversity of conservation: exploring narratives, relationships and ecosystem services in Melanesian market-based biodiversity conservation
John B. Vincent	Community ecology of New Guinea rainforest trees: Carbon storage, dynamics, and fungal endosymbionts

Other Personnel Supervised Including Technical Staff:

<u>Name</u>	<u>Status/Position</u>	<u>Dates</u>
Shelby Miller	Herbarium Assistant	2016-present
Meng Vang	Junior Scientist	2016-present
Addie Alms	Herbarium Assistant	2016-present
Ellie Arbold	Herbarium Assistant	2016-present
Davis Redmond	Herbarium Assistant	2016-present
Andrea Nelson	Herbarium Assistant	2016
Jackie Virck	Herbarium Assistant	2016
Natalie Spicher	Herbarium Assistant	2015
Natalie McMahon	Herbarium Assistant	2015
Pornkamol Jornburom	Herbarium Assistant	2015
Fangfang Zhao	Herbarium Assistant	2015
Jillian Reilly	Herbarium Assistant	2015

Zachary Radford	Herbarium Assistant	2014
Sam Graf	Herbarium Assistant	2014-2016
Kim Fackler	Herbarium Assistant	2014-2015
Diele Lobo	Herbarium Assistant	2014-2015
Bouyan (Aaron) Shi	Herbarium Assistant	2014
Dante Lundberg	Bell Museum Plant Care Volunteer	2014-2015
Richard Kearney	Bell Museum Master Gardener	2014
Katie Noren	Junior Scientist	2014-present
Christina Calcaterra	Bell Museum Volunteer	2014
Grace Anderson	Bell Museum Master Gardener	2013-2015
Rose Switzer	Bell Museum Plant Care Volunteer	2012-2013
Erin Treiber	Junior Scientist	2009-2011
Ric Roderick	Bell Museum Plant Care Assistant	2005-2007
Angela Haugen	Bell Museum Plant Care Volunteer	2004-2005
Laura Sand	Bell Museum Plant Care Volunteer	2004-2005
Stephanie Swenson	Junior Scientist	2003-2004
Lindsey Zuk	Bell Museum Plant Care Volunteer	2004-2005
Katherine Wiedermeyer	Bell Museum Plant Care Volunteer	2004-2005
Philip K. Roban	Information Specialist	2003-2009

Post-Doctoral Fellows Supervised:

<u>Name</u>	<u>Dates</u>	<u>Current Position</u>
Shannon L. Datwyler	2002-2004	Associate Professor, California State University, Sacramento
Jennifer S. Powers	2003-2004	Associate Professor, EEB, University of Minnesota
Nyree C. Zerega	2003-2005	Assistant Professor, Northwestern University, Chicago
Nina Rønsted	2005-2006	Assistant Professor, University of Copenhagen
Kathleen Craft	2006-2008	Assistant Professor & Department Chair, Concordia University, Chicago
Jonathan P. Wenger	2006-2009 & 2015-present	Research Associate, Plant & Microbial Biology, University of Minnesota

Visiting Scholars Hosted:

<u>Name</u>	<u>Dates</u>	<u>Home Institution</u>
Jiri Hulcr	2005	University of South Bohemia, Czech Republic
Maria Fernanda Torres	2013	Universidad de Los Andes, Colombia
Andre Gaglioti	2013	Sao Paulo Botanic Garden, Brasil
Clant Alok	2015	University of Papua New Guinea, PNG

Other Mentoring Activities:

Imke Schmitt	2008-2010	Assistant Professor, Plant Biology
Kathryn Bushley	2014-present	Assistant Professor, Plant & Microbial Biology

SERVICE AND PUBLIC OUTREACH**Service To The Discipline/Profession/Interdisciplinary Area(s)***Editorships/Journal Reviewer Experience*

<u>Date</u>	<u>Activity</u>
11/2016	Reviewer, Functional Ecology
08/2016	Reviewer, Tenure & Promotion, Syracuse University
08/2016	Reviewer, Tenure & Promotion, University of Minnesota
05/2016	Reviewer, Annals of Botany
03/2016	Reviewer, New Phytologist
06/2015	Reviewer, National Science Foundation, Evolutionary Processes Cluster
05/2015	Reviewer, Princeton University Press
02/2015	Reviewer, Annals of Botany
11/2014	Reviewer, Ecography
10/2014	Reviewer, NSF Systematics Program
09/2014	Reviewer, NSF Systematics Program
09/2014	Reviewer, NSF Ecology Program
09/2014	Reviewer, Australian Research Council
02/2014	Reviewer, Taxon
12/2013	Reviewer, Molecular Ecology Resources
11/2013	Reviewer, Evolution
03/2013	Reviewer, Ecology
08/2012	Reviewer, New Phytologist
08/2012	Reviewer, Current Biology
07/2012	Reviewer, Pacific Science
07/2012	Reviewer, Evolution
04/2012	Reviewer, PLOS1
02/2012	Reviewer, NSF Ecology Program
11/2011	Reviewer, Journal of Experimental Botany
11/2011	Reviewer, Oecologia
11/2011	Reviewer, Conservation and Society
11/2011	Reviewer, Molecular Phylogenetics and Evolution
11/2011	Reviewer, Systematic Botany
10/2011	Reviewer, NSF Ecology Program
09/2011	Reviewer, Molecular Phylogenetics and Evolution
08/2011	Reviewer, American Naturalist
05/2011	Reviewer, Molecular Phylogenetics and Evolution
05/2011	Reviewer, Sinauer Associates
05/2011	Reviewer, Journal of Experimental Botany
04/2011	Reviewer, Symbiosis
04/2011	Reviewer, Ecology
02/2011	Reviewer, Botanical Journal of the Linnean Society
01/2011	Reviewer, Archeometry
01/2011	Reviewer, Proceedings of the Royal Society Series B
12/2010	Reviewer, Edinburgh Journal of Botany
12/2010	Reviewer, Ecology
07/2010	Reviewer, Taxon
07/2010	Reviewer, American Naturalist
04/2010	Reviewer, National Science Foundation, Ecology Cluster

03/2010 Reviewer, National Science Foundation, Evolutionary Processes Cluster
 02/2010 Reviewer, American Naturalist
 12/2009 Reviewer, Biotropica
 08/2009 Reviewer, Acta Oecologia
 08/2009 Reviewer, Plant Biology
 08/2009 Reviewer, Evolution
 07/2009 Reviewer, Evolution
 12/2008 Reviewer, American Naturalist
 12/2008 Reviewer, American Naturalist
 12/2008 Reviewer, Annals of Botany
 09/2008 Reviewer, National Science Foundation, Biotic Surveys & Inventories Program
 09/2008 Reviewer, National Science Foundation, Ecology Program
 07/2008 Reviewer, Systematic Biology
 07/2008 Reviewer, Proceedings of the Royal Society of London Series B
 04/2008 Reviewer, National Science Foundation, Systematics Program
 03/2008 Reviewer, Evolution
 06/2007 Reviewer, New Phytologist
 12/2002 Reviewer, American Journal of Botany
 12/2002 Reviewer, The American Naturalist
 12/2002 Reviewer, Biological Journal of the Linnean Society
 12/2002 Reviewer, Biological Reviews
 12/2002 Reviewer, Brittonia
 12/2002 Reviewer, Ecology
 12/2002 Reviewer, Ecological Monographs
 12/2002 Reviewer, Evolution
 12/2002 Reviewer, Journal of Tropical Ecology
 12/2002 Reviewer, Molecular Biology and Evolution
 12/2002 Reviewer, Molecular Phylogenetics and Evolution
 12/2002 Reviewer, National Science Foundation
 12/2002 Reviewer, Plant Physiology
 12/2002 Reviewer, Proceedings of the National Academy of Science
 12/2002 Reviewer, Proceedings of the Royal Society of London
 12/2002 Reviewer, Systematic Biology
 12/2002 Reviewer, Taxon
 12/2002 Reviewer, Trends in Ecology and Evolution

Committee memberships

07/2014-07/2015 Course Source Subcommittee, Society for the Study of Evolution
 05/2014-05/2015 Member, Academic Advisory Committee, School for Field Studies
 12/2012-07/2015 Member, Committee on Committees, Botanical Society of America
 06/2007-06/2008 Member, Education Committee, Society for the Study of Evolution
 06/2005-06/2008 Program Chair, Society of Systematic Biologists
 11/2005-07/2007 Member, Research Policy Committee, Rocky Mountain Biological Laboratory

Review panels for external funding agencies, foundations, etc.

03/2016 Panelist, Ecology, Program, National Science Foundation
 11/2015 External Reviewer, Tenure, University Libraries, University of Minnesota
 11/2015 External Reviewer, Tenure, Iowa State University
 10/2014 External Reviewer, Tenure, University of Pretoria, South Africa
 10/2014 Chair, Research Fellowship Program, Rocky Mountain Biological Laboratory
 10/2013 Panelist, Research Fellowship Program, Rocky Mountain Biological Laboratory

- 10/2010 Panelist, Systematic Biology and Biotic Inventories, National Science Foundation
 10/2009 Panelist, Ecology Program, National Science Foundation
 10/2009 Consultant, African Rainforest Exhibit, Minnesota Zoo
 03/2008 External Reviewer, Tenure, National Museum of Natural History, Smithsonian Institution
 04/2007 Panelist, Ecology Program, National Science Foundation, Arlington, Virginia

Organization of conferences, workshops, panels, symposia

- 07/2015 Lead organizer, "Crowd sourcing and citizen science: engaging the public in natural history collections digitization" Workshop at the Annual Meeting of the Botanical Society of America, Edmonton, Alberta
 04/2013 Invited herbarium curator, Bishop Museum, Honolulu, Hawaii
 04/2011 Invited participant, Coevolution workshop, Ohio State University
 06/2008 Lead organizer for 1,500 participants, Evolution 2008 conference, University of Minnesota
 04/2008 Invited Participant, Ecophylogenetics Workshop, Field Museum, Chicago, Illinois
 01/2008 Invited Participant, Ecophylogenetics Working Group, National Center for Ecological Analysis and Synthesis, Santa Barbara, California
 09/2007 Coordinator, Wanang Conservation Initiative, Port Moresby, Papua New Guinea
 08/2007 Digital Flora of New Guinea Working Group, Botanical Research Institute of Texas, Fort Worth, Texas
 01/2007 Digital Flora of New Guinea Working Group, Conservation International, Arlington, Virginia

Service To The University/College/Department

Committee Service

<u>Dates</u>	<u>Location & Topic</u>
2016-present	Center for Citizen Science, Working Group, OVPR
2016-present	Action Planning Work Group, Office for Public Engagement
2016	Sustainable Food Systems Serendipity Grant Panel, Reviewer
2015-2016	Botanist Faculty Search Committee, Chair
2015-present	Bell Museum Project client team, Chair
2015	Plant Biology Hatch-MAES Review Committee, Member
2015	University Packard Fellowship Selection Committee, Member
2014-2015	CBS Conservatory Directorship Search Committee, Member
2012-2014	Plant Biology Greenhouse Committee, Chair
2012-2013	Plant-Fungal Evolution Research Cluster, Search Committee Chair
2012-2013	Plant Biological Sciences, Director of Graduate Studies
2011-2012	Entomology Qualifying Examination Committee
2011-2012	Bell Museum Vision and Mission Task Force
2011-2012	Bell Museum Long-Range Exhibit Planning Committee
2011-2012	Bell Museum Advisory Board
2011	Plant Biological Sciences, Associate Director of Graduate Studies
2011-2012	Plant Biological Sciences Graduate Program Steering Committee
2011	Bell Museum SWOT analysis Task Force
2010-2013	University-wide Sustainability Committee
2009-2011	Plant Biological Sciences Admissions Committee, Member
2009-2010	Bell Museum Rainforest Exhibit Task Force
2009-2010	Dean's Advisory Working Group on CBS Mission

2007-2010	Plant Biology Curriculum Committee, Chair
2007-2010	Graduate School Fellowship Selection Committee (GSF & DDF)
2008-2009	Plant Evolution Search Committee, Member
2006-2007	Plant Biological Sciences Curriculum Committee
2005	International Programs Working Group, CFANS
2005-2006	Plant Systematist Search Committee, Chair
2005-2006	Plant Biological Sciences Graduate Program Steering Committee
2005	Coordinator, Community Genetics and Phylogenetics
2004-2005	Plant Biology Ad Hoc Advisory Committee, Chair
2004-2009	Plant Biology Facilities Committee
2004-2005	Center for Community Genetics Steering Committee
2003-2004	Plant Biology Strategic Planning Committee
2003-2004	Bell Museum Biodiversity 911 Exhibit Planning Committee
2002	Plant Biology Greenhouse Oversight Committee
2001-2004	Plant Biology Graduate Program Colloquium Committee

Other University Service

11/2016	Guest lecturer in BIOL 1020, College of Biological Sciences, "Moths to molecules: How undergraduate research changed my life."
11/2016	Panelist, Marshall Scholarship Mock Interviews, Office of Study Abroad, University of Minnesota
04/2016	Invited Speaker, Council of Associate Deans, University of Minnesota, "The new Bell Museum+Planetarium"
04/2016	Guest lecturer in HORT 3480, University of Minnesota, "The Cannabis Conundrum"
10/2015	Guest lecturer in ESPM 3101, University of Minnesota, "Science and Politics on the Rainforest Frontier"
09/2015	Volunteer, Bell Museum information booth at Minnesota State Fair
03/2015	Guest lecturer in EEB 5371, University of Minnesota, "Plant systematics and herbaria"
11/2014	Guest lecturer in Biol 3407, University of Minnesota, "How to identify species and why it matters"
10/2014	Guest lecturer in ESPM 3101, University of Minnesota
08/2014	Instructor, Plant Biological Sciences Botany Module, Itasca Biological Station
08/2013	Instructor, Plant Biological Sciences Botany Module, Itasca Biological Station
04/2013	Guest lecturer in Agro 3669, University of Minnesota
03/2013	Guest lecturer in CSpH 5401 Ethnopharmacology, University of Minnesota
08/2012	Orientation speaker, Plant Biological Sciences Graduate Program, Itasca Station
08/2012	Instructor, Plant Biological Sciences Research Module, Itasca Biological Station
07/2012	Guest speaker, CBS science teachers workshop
08/2011	Instructor, Plant Biological Sciences Research Module, Itasca Biological Station
08/2011	Coordinator, Plant Biological Sciences Graduate Program Orientation, Itasca Biological Station
06/2011	Guest speaker, CBS Dean's summer series, "Into the wild: playing politics and preserving rain forest in Papua New Guinea"
04/2011	Guest lecturer in Agro 3669, University of Minnesota
03/2011	Guest lecturer in CSpH 5401 Ethnopharmacology, University of Minnesota
11/2009	Guest lecturer, PBS 8081, University of Minnesota
10/2009	Guest lecturer, CSpH 5401 Ethnopharmacology, University of Minnesota
10/2009	Guest lecturer, EEB 8990, University of Minnesota
11/2008	Guest lecturer, PBS 8082 Integrative Plant Biology, University of Minnesota
10/2008	Guest speaker, "Got Research?" Symposium, College of Biological Sciences

- 09/2008 Guest lecturer, CSpH 5401 Ethnopharmacology, University of Minnesota
- 04/2008 Reviewer, Hall Award Committee, Department of Plant Biology
- 12/2007 Panelist, Graduate School Fellowships, Council of Graduate Students, St. Paul
- 12/2006 Guest lecturer in Biology Colloquium, University of Minnesota
- 09/2006 Panelist, New Faculty Orientation, University of Minnesota
- 08/2006 Guest lecturer, Plant Biological Sciences Orientation
- 04/2005 Guest lecturer in CSpH 5401 Ethnopharmacology, University of Minnesota

Public Service

- 11/2016 Invited Speaker, University of Louisville, Office for Research Public Lecture Series, Louisville, Kentucky, "Biodiversity discovery on the rainforest frontier"
- 11/2016 Invited Speaker, The Woman's Club of Minneapolis, Minnesota, "The new Bell Museum+Planetarium"
- 10/2016 Instructor, Master Naturalists Course, Extension, University of Minnesota, "Mapping Change and the Minnesota Biodiversity Atlas"
- 10/2016 WIAD Conservation guidebook launching, Master of Ceremonies, Ohu, Papua New Guinea
- 10/2016 Dedication of the Center for Post-Graduate Biology Training, New Guinea Binatang Research Center, Madang, Papua New Guinea, "Closing remarks"
- 08/2016 Guest speaker, Science and Technology Lecture Series, 1666 Coffman, "The Cannabis conundrum: science and politics of America's most controversial plant"
- 08/2016 Guest speaker, Louisville Sigma Xi Chapter, Louisville Public Library Louisville, Kentucky, "The Cannabis conundrum: science and politics of America's most controversial plant"
- 04/2016 Guest speaker, Global Mission Forum, Central Lutheran Church, Minneapolis, "Environmental stewardship on the rain forest frontier 2016 update"
- 03/2016 Invited speaker, Minnesota Native Plant Society, Minneapolis, Minnesota, "The Minnesota Biodiversity Atlas and the new Bell Museum+Planetarium"
- 03/2016 Invited speaker, MinneCollege, Scottsdale, Arizona, University of Minnesota Alumni Association, "The Cannabis conundrum: science and politics of America's most controversial plant"
- 11/2015 Minnesota Public Radio interview with Tom Weber on climate change, Saint Paul, Minnesota
- 09/2015 Invited speaker, Hemp Industries Association Annual Meeting, Lexington, Kentucky, "Minnesota hemp research: 2015 field report"
- 07/2015 Consultant, Minnesota Industrial Hemp Act, Office of the Commissioner, Minnesota Department of Agriculture
- 03/2015 Invited testimony, Minnesota Industrial Hemp Act, Committee on State and Local Government, Minnesota State Legislature
- 03/2015 Minnesota Public Radio interview with Cathy Wurzer on hemp, Saint Paul, Minnesota
- 03/2015 Invited speaker, Café Scientifique, Bell Museum, Minneapolis, Minnesota, "Hemp's return to humanity" with comedic author Doug Fine
- 01/2015 Invited speaker, Saint Anthony Park Garden Club, Saint Paul, Minnesota, "Lead us not into hemptation: genetics of American Cannabis"
- 11/2014 Invited speaker, Gown in Town, Saint Paul, Minnesota, "A Port Jackson to Moreton Bay crossing"
- 09/2014 Invited speaker, Hemp Industries Association Annual Meeting, Washington, D.C., "Hemp oil, snake oil and peak oil"
- 09/2014 Invited speaker, Saturday with a Scientist, Bell Museum, Minneapolis, Minnesota, "Fabulous figs"
- 07/2014 Invited speaker, Telluride Science Research Center, Telluride, Colorado, "Lead us not

- into hemptation: genetics of American Cannabis"
- 05/2014 Invited speaker, John Swire & Sons Pty. Ltd., "The Swire Papua New Guinea Rainforest Study", Sydney, Australia
- 04/2014 Invited speaker, New Guinea Binatang Research Center, "The Swire Papua New Guinea Rainforest Study", Madang, PNG
- 03/2014 Invited speaker, Steamships Pty Ltd Board Meeting, "The Swire Papua New Guinea Rainforest Study", Lae, PNG
- 03/2014 Guest speaker, Royal Sydney Botanic Gardens, "The Swire Papua New Guinea Rainforest Study", Sydney, Australia
- 01/2014 Guest speaker, Science Salon at Republik, "The Cannabis Conundrum", Minneapolis, Minnesota
- 11/2013 Guest speaker, Hemp Industries Association, Washington, D.C., "Lead us not into hemptation: genetics of American Cannabis"
- 08/2013 Guest speaker, Minneapolis Community and Technical College, "DNA barcoding"
- 07/2013 Guest speaker, Telluride Town Talks, Telluride, Colorado, "Carbon cowboys wrangle for riches in the rain forest"
- 07/2013 Instructor, Master Naturalist workshop, "Preserving botanical specimens"
- 06/2013 Plant identification, Minnesota Bioblitz, Coldwater Creek, Fort Snelling, Minnesota
- 05/2013 Guest speaker, Genetics and Cell Biology Club, College of Biological Sciences, "The Cannabis conundrum: science and politics of America's most controversial plant"
- 05/2013 Guest speaker, Forensic Sciences Club, University of Minnesota, "marijuana DNA fingerprinting"
- 04/2013 Invited speaker, Minnesota Native Plant Society, "Introducing a web portal for Minnesota plant records"
- 04/2013 Guest speaker, Bell Museum, BIG Thursday, "Top ten pop culture biodiversity discoveries"
- 02/2013 Guest speaker, Horticulture Club, Genetics and Cell Biology Club, "The Cannabis conundrum: science and politics of America's most controversial plant"
- 01/2013 Guest speaker, Global Mission Forum, Central Lutheran Church, Minneapolis, "Life and death in New Guinea"
- 10/2012 Guest speaker, Bell Museum, "Bell, biodiversity, and beyond"
- 04/2012 Guest speaker and tour leader, American Association of Museums Annual Meeting
- 02/2012 Guest speaker, Global Mission Forum, Central Lutheran Church, Minneapolis, "Environmental stewardship on the rain forest frontier"
- 02/2012 Guest speaker, Minnesota Biological Survey, Department of Natural Resources, "Enabling dynamic access to biodiversity information"
- 02/2012 Guest instructor in botanical illustration, Minnesota School of Botanical Art
- 10/2011 Guest speaker, Cafe Scientifique, Bell Museum, "The ethnopharmacology of energy drinks"
- 10/2011 Guest speaker, Gown in Town, "Science and politics of Cannabis sativa, America's most controversial plant"
- 06/2011 Organizer, St. Paul Garden Club workshop on botanical collecting
- 06/2011 Coordinator, Bioblitz plant survey, Ordway Natural History Area, Inver Grove Heights
- 08/2010 Guest lecturer, Crested Butte Public Policy Forum, "The Cannabis conundrum: science and politics of America's most controversial plant"
- 08/2010 KBUT radio interview, Crested Butte, Colorado, "The Cannabis conundrum"
- 05/2010 Master of Ceremonies, Swire Papua New Guinea Rainforest Study, Port Moresby, Papua New Guinea
- 01/2010 Guest speaker, Osher Learning Institute, Southdale Public Library
- 11/2009 Guest speaker, University of Minnesota Women's Association International Affairs
- 09/2009 Guest speaker, Seacology Prize Award Ceremony, San Francisco, California

- 08/2009 Guest speaker, Telluride Science Research Center, Telluride, Colorado
08/2009 Guest instructor, Punk Science, Pinhead Institute, Telluride, Colorado
08/2008 Invited speaker, Steamships Pty Ltd., Swire Inc., Port Moresby, Papua New Guinea
03/2008 Expert testimony, Public Safety Committee, Minnesota State Legislature, Saint Paul
03/2008 Guest lecturer, University of Minnesota Women's Association, Minneapolis, Minnesota
02/2008 Guest lecturer, Geography, Saint Anthony High School, Saint Anthony, Minnesota
02/2008 Guest lecturer, Central Lutheran Church, Minneapolis, Minnesota
02/2008 Expert testimony, Agriculture Committee, Minnesota State Legislature, Saint Paul
07/2007 Guest lecturer, Friends of the Minnesota Landscape Arboretum, Chanhassen, Minnesota
04/2007 Guest lecturer, Botanical Illustration Workshop, Bakken Museum, Minneapolis
02/2007 Guest lecturer, University of Minnesota Women's Club, International Affairs
01/2007 Invited speaker, Cafe Scientifique, Varsity Theater & Bell Museum, Minneapolis
12/2006 Invited speaker, Gown In Town, Saint Paul, Minnesota
06/2006 Public lecturer, Bloom! Botanical Art Exhibit, Bell Museum
03/2006 Guest lecturer, Como Conservatory Education Program, Bell Museum
02/2006 Herbarium tour, Minnesota Native Plant Society, Bell Museum
09/2005 Lecturer, Botanical Exhibition, Bell Museum
09/2005 Public lecturer on Art in Science, Bell Museum, University of Minnesota
09/2005 Invited speaker, Regents Academy, University of Minnesota
06/2005 Guest instructor in botanical illustration, Minnesota School of Botanical Art
06/2005 Public lecturer, Minneapolis Women's Club, Minneapolis, Minnesota
06/2005 Guest instructor in botanical illustration, Minnesota School of Botanical Art
05/2005 Instructor, Bear Creek Land Steward Certification, Pinhead Institute, Telluride, Colorado
02/2005 Public lecturer, Science on Screen, Bell Museum, University of Minnesota
05/2004 Public lecturer, Pinhead Institute, Telluride, Colorado
03/2004 Consultant, exhibit planning, California Science Center, Los Angeles
03/2004 Guest lecturer, Gathering of Artists and Illustrators of Nature, Bell Museum
02/2004 Guest lecturer, Como Park Zoo & Conservatory, Saint Paul, Minnesota
02/2004 Public lecturer, Minnesota Native Plant Society, Bloomington, Minnesota
12/2003 Public lecturer, Central Lutheran Church, Minneapolis, Minnesota
02/2003 Public lecturer, Bell Museum of Natural History