

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 & Microbial Biology

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 Full Professor	2014-present 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*

President's Community Engaged Scholar, 2017
 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 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; Spring 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>

Current at the University of Minnesota:

<u>Grant Period</u>	<u>Project Title</u>	<u>Agency</u>	<u>Direct Costs</u>	<u>Indirect Costs</u>
09/01/19-08/31/20	Sisseton Wahpeton Oyate (SWO) Hemp Economic Feasibility Study Phase II (lead PI, co-PI Breen) [70% Weiblen lab]	Sisseton Wahpeton Oyate	\$65,266	\$0
07/01/19-06/30/22	Developing seed tests for regulatory compliance and improving Minnesota industrial hemp (lead PI, co-PI Michaels) [66% Weiblen lab]	Minnesota Department of Agriculture	\$250,000	\$0
12/01/18-02/01/20	A book on the history of Bell Museum (lead PI, co-PI Coffin)	Minnesota Legislature Legacy Fund	\$84,950	\$0
30/09/18-30/09/20	Multiple Species Inventory and Management Analysis Mississippi Headwaters Project (co-PI, lead PI Kozak, co-PIs Barker, Jansa, Simons) [20% Weiblen lab]	U.S. Army Corp of Engineers	\$169,187	\$29,608
07/01/18-06/30/21	Digitization TCN: Collaborative Research: The Pteridological Collections Consortium: An integrative approach to pteridophyte diversity (lead PI, co-PI Yang) [50% Weiblen lab]	NSF	\$50,794	\$12,603
07/01/18-06/30/21	Minnesota Biodiversity Atlas Phase II Expansion (lead PI, co-PIs Barker, Jansa, Kozak, Simons, Yang) [20% Weiblen lab]	Environment & Natural Resources Trust Fund	\$350,000	\$0
07/01/17-06/30/19	Interactive Water Resource Programs for Minnesota Planetariums (co-PI, lead PI Brummel) [0% Weiblen lab]	Environment & Natural Resources Trust Fund	\$500,000	\$0

Past at the University of Minnesota:

<u>Grant Period</u>	<u>Project Title</u>	<u>Agency</u>	<u>Direct Costs</u>	<u>Indirect Costs</u>
11/15/18-06/30/19	Industrial Hemp Research Project Phase III (sole PI) [100% Weiblen lab]	Minnesota Department of Agriculture	\$35,000	\$0
05/31/18-12/31/18	Sisseton Wahpeton Oyate (SWO) Hemp Economic Feasibility Study (lead PI, co-PIs Singaas & Current) [70% Weiblen lab]	Sisseton Wahpeton Oyate	\$50,000	\$0
04/06/18-12/31/18	Industrial Hemp Research Project Phase II (sole PI) [100% Weiblen lab]	Minnesota Department of Agriculture	\$40,000	\$0
04/01/17-06/30/18	Genome assembly and association mapping of secondary metabolites in <i>Cannabis</i> (sole PI) [100% Weiblen lab]	Sunrise Genetics Inc.	\$50,120	\$26,062
11/01/16-10/31/18	Bell Museum of Natural History and Planetarium (sole PI) [0% Weiblen lab]	Margaret A. Cargill Foundation	\$1,000,000	\$0

02/01/17-06/30/18	Industrial Hemp Research Project (sole PI) [100% Weiblen lab]	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 with co-PIs Jansa, Kozak, Simons) [20% Weiblen lab]	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 (sole PI) [100% Weiblen lab]	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 (sole 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 (sole PI)	All One God Faith, Inc.	\$8,290	\$4,310
01/15/14-12/21/15	Digitization TCN: Collaborative: The Macrofungi Collection (sole PI)	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
09/01/06-12/31/06	Co-evolution in the fig-wasp model system: a phylogenetic approach (lead PI, co-PI Ronsted)	Kew Botanic Gardens & European Commission	\$9,132	\$4,520
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	NSF	\$15,477	\$522

	specificity (lead PI, co-PIs Novotny, Basset, & Miller)			
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>
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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

Current 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

Past University Sources:

<u>Grant Period</u>	<u>Project Title</u>	<u>Agency</u>	<u>Direct Costs</u>
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 Tschirner)	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>	<u>Direct Costs</u>
15/04/2015-14/04/2016	Monitoring forest regeneration after industrial development in Papua New Guinea: plant species identification and vegetation analysis	New Guinea Binatang Research Center	\$22,898
11/02/2015-22/02/2015	Molecular identification of opium poppy	Drug Enforcement Administration, Seattle Division	\$12,704
09/16/2015-12/22/2014	Molecular identification of opium poppy	Drug Enforcement Administration, Seattle Division	\$ 9,321
11/01/13-09/07/14	Molecular identification of Cannabis sativa	Nevada Bureau of Land Management	\$3,268
14/02/13-11/06/13	Identification of New Guinea plants	Natural Discoveries	\$250
15/12/11	Molecular identification of Cannabis sativa	Nevada Bureau of Land Management	\$2,688
01/03/11-31/05/11	Plant specimen database development (co-PI with lead PI Weller)	Minnesota Department of Natural Resources	\$3,000
1/7/10	Extensible pole pruner for botanical collecting	Idea Wild	\$900
21/08/09	DNA fingerprinting of Salix nigra	Elk City, Oklahoma Police Department	\$3,800
24/08/09	Identification of Solomon Islands plants	Wyeth Corporation	\$240
26/01/09	Extensible pole pruners for botanical collecting	Center for Tropical Forest Science	\$6,920
20/06/08	Extensible pole pruners for botanical collecting	Smithsonian Institution	\$1,730
26/09/07-31/05/08	DNA fingerprinting of Cannabis sativa	Law Offices of Daniel Collins	\$5,005
09/03/07-30/03/07	Molecular identification of Cannabis sativa	Michigan State Police	\$319
01/15/07-02/20/07	Molecular identification of Phragmipedium orchids	Orchids Limited	\$1,483
01/07/06-02/03/07	DNA fingerprinting of Cannabis sativa	Santa Rosa California Police Department	\$1,950
10/13006	Extensible pole pruners for botanical collecting	Field Museum	\$536

04/24/06- 08/30/06	DNA fingerprinting of <i>Cannabis sativa</i>	US Drug Enforcement Administration	\$3,000
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EXTERNAL CONSULTING:

<u>Dates</u>	<u>Activity</u>	<u>Agency</u>	<u>Compensation</u>
03/07/18- 31/08/18	Expert opinion, Minnesota v. James John Kriz III	Law Offices of Donald Walter Teed Jr.	\$1,200
07/06/16- 11/16/16	Expert opinion, Minnesota v. Anthony Osman	Appleman Law Firm	\$420
10/31/15- 11/23/15	Expert opinion, Minnesota v. Brian Reed	Hammell & Murphy Attorneys at Law	\$270
11/21/14- 11/16/14	Expert opinion, Rhode Island v. Kevin Leaf	Rhode Island Attorney General	\$500
09/17/14- 10/21/14	Expert opinion, Minnesota v. Hu Vu Le	Shane Law Office	\$750
28/12/13- 30/01/14	Expert opinion, United States v. Ronald Peffley	Sanford Shulman & Associates	\$500
08/03/13- 20/11/13	Expert opinion, United States v. Kenneth Kraeger	Pennsylvania Federal Public Defender	\$2,400
09/24/10- 04/21/11	Expert opinion, United States v. Linda Schmieding	Michigan Federal Public Defender	\$1,500
26/09/07- 31/05/08	Expert witness, Illinois v. Brian Pryzbylski	Law Offices of Daniel Collins	\$6,723

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

Manuscripts:

Redmond, C. M., J. Auga, B. Gewa, S. Segar, S. E. Miller, K. Molem, G. D. Weiblen, P. Butterill, G. Maiah, A. Hood, M. Volf, L. R. Jorge, Y. Basset, and V. Novotny. Accepted. Plant-herbivore interaction networks along a successional chronosequence in a tropical montane forest. *Ecography*. [project design & execution, contributed data]

Peer-Reviewed Articles:

Ezedin, Z., and G. D. Weiblen. 2019. Additions and changes to *Ficus* (Moraceae) in New Guinea with comments on the world's largest fig. *Gardens' Bulletin Singapore* 71, 199-218.

Souto-Vilarós, D., D. Machac, J. Michalek, C. Darwell, S. Mentap, T. Kuyaiva, B. Isua, G. D. Weiblen, V. Novotny, and S. Segar. 2019. Faster speciation of fig-wasps than their host figs leads to decoupled speciation dynamics: snapshots across the speciation continuum. *Molecular Ecology*. 28, 3958-3976.

Basset, Y., C. Dahl, R. Ctvrticka, S. Gripenberg, O. T. Lewis, S. T. Segar, P. Klimes, H. Barrios, J. W. Brown, S. Bunyavejchewin, B. A. Butcher, A. I. Cognato, S. Davies, O. Kaman, M. Knizek, S. E. Miller, G. E. Morse, V. Novotny, N. Pongpattananurak, P. Pramual, D. L. J. Quicke, R. K. Robbins,

- W. Sakchoowong, M. Schutze, E. J. Vesterinen, W. Wang, Y. Y. Wang, G. D. Weiblen, and J. S. Wright. 2018. A cross-continental comparison of assemblages of seed and fruit-feeding insects in tropical rainforests: faunal composition and rates of attack. *Journal of Biogeography*. 45, 1395-1407. [project coordination, plant taxonomy, contributed data]
- Chu, C., J. Lutz, K. Král, T. Vrška, X. Yin, J. Myers, I. Abiem, A. Alonso, N. Bourg, D. Burslem, M. Cao, H. Chapman, R. Condit, S. Fang, G. Fischer, L. Gao, Z. Hao, B. Hau, Q. He, A. Hector, S. Hubbell, M. Jiang, G. Jin, D. Kenfack, J. Lai, B. Li, X. Li, Y. Li, J. Lian, L. Lin, Y. Liu, Y. Liu, Y. Luo, K. Ma, W. McShea, H. Memiaghe, X. Mi, M. Ni, M. O'Brien, A. Oliveira, D. Orwig, G. Parker, X. Qiao, H. Ren, G. Reynold, W. Sang, G. Shen, Z. Su, X. Sui, I. Sun, S. Tian, B. Wang, X. Wang, X. Wang, Y. Wang, G. D. Weiblen, S. Wen, N. Xi, W. Xiang, H. Xu, K. Xu, W. Ye, B. Zhang, J. Zhang, X. Zhang, Y. Zhang, K. Zhu, J. Zimmerman, D. Storch, J. Baltzer, K. Anderson-Teixeira, G. Mittelbach, and F. He. 2018. Direct and indirect effects of climate on richness drive the latitudinal diversity gradient in forest trees. *Ecology Letters*. DOI: 10.1111/ele.13175 [contributed data]
- LaManna, J. A., S. A. Mangan, A. Alonso, N. A. Bourg, W. Y. Brockelman, S. Bunyavejchewin, L. Chang, J. Chiang, G. B. Chuyong, K. Clay, R. Condit, S. Cordell, S. J. Davies, T. J. Furniss, C. P. Giardina, I. A. U. N. Gunatilleke, C. V. S. Gunatilleke, F. He, R. W. Howe, S. P. Hubbell, C. Hsieh, F. M. Inman-Narahari, D. Janík, D. J. Johnson, D. Kenfack, L. Korte, K. Král, A. J. Larson, J. A. Lutz, S. M. McMahon, W. J. McShea, H. R. Memiaghe, A. Nathalang, V. Novotny, P. S. Ong, D. A. Orwig, R. Ostertag, G. G. Parker, R. P. Phillips, L. Sack, I. Sun, J. S. Tello, D. W. Thomas, B. L. Turner, D. M. V. Díaz, T. Vrška, G. D. Weiblen, A. Wolf, S. Yap, and J. A. Myers. 2018. Response to Comment on "Plant diversity increases with the strength of negative density dependence at the global scale". *Science* 360:eaar5245. [contributed data]
- LaManna, J. A., S. A. Mangan, A. Alonso, N. A. Bourg, W. Y. Brockelman, S. Bunyavejchewin, L. Chang, J. Chiang, G. B. Chuyong, K. Clay, R. Condit, S. Cordell, S. J. Davies, T. J. Furniss, C. P. Giardina, I. A. U. N. Gunatilleke, C. V. S. Gunatilleke, F. He, R. W. Howe, S. P. Hubbell, C. Hsieh, F. M. Inman-Narahari, D. Janík, D. J. Johnson, D. Kenfack, L. Korte, K. Král, A. J. Larson, J. A. Lutz, S. M. McMahon, W. J. McShea, H. R. Memiaghe, A. Nathalang, V. Novotny, P. S. Ong, D. A. Orwig, R. Ostertag, G. G. Parker, R. P. Phillips, L. Sack, I. Sun, J. S. Tello, D. W. Thomas, B. L. Turner, D. M. V. Díaz, T. Vrška, G. D. Weiblen, A. Wolf, S. Yap, and J. A. Myers. 2018. Response to Comment on "Plant diversity increases with the strength of negative density dependence at the global scale". *Science* 360:eaar3824. [contributed data]
- Lutz, J. A., T. J. Furniss, D. J. Johnson, S. J. Davies, D. Allen, A. Alonso, K. Anderson-Teixeira, A. Andrade, J. Baltzer, K. M. L. Becker, E. M. Blomdahl, N. A. Bourg, S. Bunyavejchewin, D. F. R. P. Burslem, C. A. Cansler, K. Cao, M. Cao, D. Cárdenas, L.-W. Chang, K.-J. Chao, W.-C. Chao, J.-M. Chiang, C. Chu, G. B. Chuyong, K. Clay, R. Condit, S. Cordell, H. S. Dattaraja, A. Duque, D. Escobar, C. E. N. Ewango, G. A. Fisher, C. Fletcher, J. A. Fruend, C. Giardina, S. J. Germain, G. S. Gilbert, Z. Hao, T. Hart, B. C. H. Hau, F. He, A. Hector, R. W. Howe, C.-F. Hsieh, Y.-H. Hu, S. P. Hubbell, F. M. Inman-Narahari, A. Itoh, D. Janik, A. R. Kassim, D. Kenfack, L. Korte, K. Král, A. J. Larson, Y.-D. Li, Y. Lin, S. Liu, S. Lum, K. Ma, J.-R. Makana, Y. Malhi, S. M. McMahon, W. J. McShea, H. R. Memiaghe, X. Mi, M. Morecroft, P. M. Musili, J. A. Myers, V. Novotny, A. de Oliveira, P. Ong, D. A. Orwig, R. Osterag, G. G. Parker, R. Patankar, R. P. Phillips, G. Reynolds, L. Sack, G.-Z. M. Song, S.-H. Su, R. Sukumar, I.-F. Sun, H. S. Suresh, M. E. Swanson, S. Tan, D. W. Thomas, J. Thompson, M. Uriarte, R. Valencia, A. Vicentine, T. Vrška, X. Wang, G. D. Weiblen, A. Wolf, S.-H. Wu, H. Xu, T. Yamakura, S. Yap, and J. K. Zimmerman. 2018. Global importance of large-diameter trees. *Global Ecology and Biogeography* 45:849-864. [contributed data]
- Souto-Vilarós, D., M. Proffit, M. Rindos, M. Sisol, T. Kuyaiva, J. Michalek, C. Darwell, M. Hossaert-Mckey, G. D. Weiblen, V. Novotny, and S. Segar. 2018. Reproductive isolation along an elevational gradient mediated by floral scent and pollinator compatibility in the fig and fig-wasp mutualism. *Journal of Ecology*. DOI: 10.1111/1365-2745.12995. [experimental design, interpretation of results, manuscript writing]
- Sreekar, R., M. Katabuch, A. Nakamura, R. T. Corlett, J. W. F. Slik, C. Fletcher, F. He, G. D. Weiblen, G.

- Shen, H. Xu, I. Sun, K. Cao, K. Ma, L. Chang, M. Cao, M. Jiang, I. A. U. N. Gunatilleke, P. Ong, S. Yap, C. V. S. Gunatilleke, V. Novotny, W. Y. Brockelman, W. Xiang, X. Mi, X. Li, X. Wang, X. Qiao, Y. Li, S. Tan, R. Condit, R. D. Harrison, and L. P. Pin Koh. 2018. Spatial scale changes the relationship between beta diversity, species richness and latitude. *Royal Society Open Science*. DOI: 10.1098/rsos.181168 [contributed data]
- Vincent, J. B.*, B. L. Turner, C. Alok, V. Novotny, G. D. Weiblen, and T. J. S. Whitfeld*. 2018. Tropical forest dynamics in unstable terrain: an example from New Guinea. *Journal of Tropical Ecology* 34:157–175. [project design, project management data analysis, interpretation of results, manuscript writing and editing]
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- Weiblen, G. D. 2006. Moraceae of Papua in A. J. Marshall and B. M. Beehler, eds. *The Ecology of Papua*. Periplus Editions, Singapore
- Weiblen, G. D. 2003. Interspecific coevolution. In *Nature Encyclopedia of Life Sciences*. Nature Publishing Group, London. <http://www.els.net>
- Basset, Y., V. Novotny and G. Weiblen. 1997. *Ficus*: a resource for arthropods in the tropics, with particular reference to New Guinea. In *Forests and Insects: 18th Symposium of the Royal Entomological Society* (ed E. Watt, N. E. Stork and M. Hunter), pp. 339-359. Academic Press, London.
- Weiblen, G. D. 1996. Variation in reproductive success of gynodioecious figs and their pollinators in New Guinea. In D. S. Edwards [eds.], *Tropical Rainforest Research*, 283-289. Kluwer Press.

Published Abstracts:

- Treiber, E., M. F. Torres, P. C. Zalamea, S. Madriñán, and G. D. Weiblen. 2018. Phylogeny of *Cecropia* (*Cecropieae*: *Urticaceae*) inferred from restriction-site associated DNA sequences. Annual Meeting of the Botanical Society of America, Rochester, Minnesota.
- Wenger, J. P., Dabney, C., Chandra, C., Radwan, M., Majumdar, C. G., ElSohly, M. A. and G. D. Weiblen. 2018. Validating a predictive model of cannabinoid inheritance with Minnesota ditch weed (*Cannabis sativa* L.). Annual Meeting of the Botanical Society of America, Rochester, Minnesota.
- 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 plastid and nuclear sequence data. 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:

- Bell Museum. 2016. Minnesota Biodiversity Atlas. <http://bellatlas.umn.edu>
- Weiblen, G. D. and Deacon, N. 2004. An interactive key to the woody plants of Minnesota. <http://geo.cbs.umn.edu/treekey/navikey.html>
- 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>
2018	Botanical Society of America, Regional Botany Lecture, Rochester Minnesota, "Minnesota Natural History: Pretty good, not bad, or just different?"
2018	Biodiversity Research Coordination Workshop, Cedar Creek Ecosystem Science Reserve, Minnesota, "Biodiversity and informatics"
2018	Swarthmore College, Swarthmore College, Swarthmore, Pennsylvania, "Gene duplication and divergence affecting drug content in <i>Cannabis sativa</i> "
2018	Washington State University, Pullman, Washington, "Gene duplication and divergence affecting drug content in <i>Cannabis sativa</i> "
2018	Plant & Animal Genome Conference, San Diego, California, " Validating a predictive model of cannabinoid inheritance with Minnesota ditch weed (<i>Cannabis sativa</i>)"
2017	Symposium on Industrial Hemp, Entomological Society of America Annual Meeting, Denver, Colorado "Cannabinoid polymorphism in Minnesota feral hemp supports a simple genetic model for inheritance of chemical phenotype"
2017	Northern Michigan University, Department of Biology, Marquette, Michigan, "Global Forest Observatories: An International Network Monitoring Biotic Responses to our Changing Climate"
2017	Northern Michigan University, Sigma Xi Distinguished Lecture, Marquette, Michigan, "The Cannabis conundrum: genetics and politics of America's most controversial plant"
2017	University of Eastern Illinois, Sigma Xi Distinguished Lecture, Charleston, Illinois, "The Cannabis conundrum: genetics and politics of America's most controversial plant"
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 *Cannabis sativa*"
- 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 *Cannabis sativa*"
- 2015 College of Biological Sciences 50th Anniversary Lightening Talk, "Species discovery and bio-cultural preservation on the rainforest frontier"
- 2015 Plant Biological Sciences Colloquium Lightening Talk, "Gene duplication and divergence affecting drug content in *Cannabis sativa*"
- 2015 Botanical Society of America Symposium on Coevolved Mutualism, Edmonton Alberta, "Pollinator-mediated reproductive isolation among dioecious fig species (*Ficus*, 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 EvolTwin Discussion Group, College of Biological Sciences, University of Minnesota, "Gene duplication and divergence affecting drug content in *Cannabis sativa*"
- 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 *Cannabis sativa*"
- 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 Universidad 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 *Cannabis* 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”
- 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 &</u>	<u>Designator and Title</u>	<u>Credits</u>	<u>Enrollment</u>	<u>Responsibility</u>	<u>Evaluation</u>
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<u>Term</u>					<u>on File</u>
2018 Fall	PMB 4321: Minnesota Flora [Instructor prepares and leads each laboratory section while TA plays a support role]	3	46	100%	Yes
2018 Spring	PMB 4321: Flowering Plant Diversity [Instructor prepares and leads each laboratory section while TA plays a support role]	3	34	100%	Yes
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
01/2005-01/2006	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):

Rebekah Mohn

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

Shan Kothari (2019)
 Tarciso Leao (2018)
 Billy Bau, (2017) M. Sc., external reviewer, University of Papua New Guinea
 Clant Alok, (2016) M.Sc. external reviewer, University of Papua New Guinea
 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>
Zacky Ezedin	PhD	Plant Biological Sciences	2017-
Clemon Dabney	PhD	Plant Biological Sciences	2016-

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	Researcher, Pacific Southwest Research Station, USDA
Summer I. Silvieus	Plant Biological Sciences /PhD	2006	Horticulturalist, Green Circle Growers, Ohio
Wendy L. Clement	Plant Biological Sciences /PhD	2008	Associate Professor, College of New Jersey
Gregory P. Setliff	Entomology/PhD	2009	Professor,

Annika M. Moe	Ecology, Evolution & Behavior/PhD	2011	Kutztown University, PA Education Specialist, College of Science & Engineering, University of Minnesota
Timothy J. S. Whitfeld	Plant Biological Sciences /PhD	2011	Curator, Biology Department, Brown University
Bridget Henning	Conservation Bio/PhD	2014	Scientist, Illinois Department of Natural Resources
John Vincent	Plant Biological Sciences/PhD	2015	Business Data Analyst, Seattle, Washington
Bega Inaho	Conservation Biology/MSc	2015	Environmental Consultant, Papua New Guinea
Rebecca Sims	Plant Biological Sciences /M.Sc.	2016	[unknown]
Erin Treiber	Plant Biological Sciences /PhD	2017	Post-doc, Bee Lab, Department of Entomology University of Minnesota

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
Erin L. Treiber	Phylogenetics of Cecropieae (Urticaceae) and the evolution of an ant-plant mutualism in <i>Cecropia</i>

Other Personnel Supervised Including Technical Staff:

<u>Name</u>	<u>Status/Position</u>	<u>Dates</u>
Kayla Stevens	Herbarium Assistant	2018-2019
Katie Noren	Researcher 2 (Herbarium)	2014-present
Shelby Miller	Junior Lab Technician (Herbarium)	2016-2018
Meng Vang	Junior Lab Technician (Herbarium)	2016-2018
Veronica Tonnell	Researcher (Laboratory)	2017-2018
Addie Alms	Herbarium Assistant	2016-2018
Ellie Arbold	Herbarium Assistant	2016-2018
Jorge Alonso	Herbarium Assistant	2017
Kayla Stevens	Herbarium Assistant	2017

Madeline Esterl	Herbarium Assistant	2017
Maria Krautkremer	Herbarium Assistant	2017
Alexander Livesay	Herbarium Assistant	2017
Davis Redmond	Herbarium Assistant	2016-2017
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
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>
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Jiri Huler	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>
08/2018	Reviewer, American Journal of Botany
08/2018	Reviewer, Taxon
03/2018	Reviewer, Genome Canada
07/2018	Reviewer, Tenure & Promotion, University of Minnesota
10/2017	Reviewer, Tenure & Promotion, University of Maryland
09/2017	Reviewer, Proceedings of the National Academy of Sciences
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
11/2015	External Reviewer, Tenure, University Libraries, University of Minnesota
11/2015	External Reviewer, Tenure, Iowa State University
06/2015	Reviewer, National Science Foundation, Evolutionary Processes Cluster
05/2015	Reviewer, Princeton University Press
02/2015	Reviewer, Annals of Botany
10/2014	External Reviewer, Tenure, University of Pretoria, South Africa
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

- 10/2017-08/2018 Annual Meeting Organizing Committee, Botanical Society of America
 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.

- 11/2018 Panelist, Genome Canada
 03/2017 External Reviewer, Center for Sustainable Development, School for Field Studies, San Jose, Costa Rica
 03/2017 Reviewer, Department of Anthropology External Review, College of Liberal Arts, University of Minnesota
 03/2016 Panelist, Ecology, Program, National Science Foundation
 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

- 08/2018 Field trip leader, Botanical Society of America annual meeting, Rochester, Minnesota
 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>
2019-present	Academic Freedom and Tenure Committee, University Senate
2017-present	Rhodes, Marshall & Churchill Scholarship Interview Committee, Honors Program, Member
2017-present	Selection Committee, Natural History Awards & Fellowships, Bell Museum, Chair
2018	Search Committee, Herbarium Collections Manager, Bell Museum
2017	Search Committee, Director of Public Engagement & Science Learning, Bell Museum, Member
2016-2017	Citizen Science Needs Assessment, Working Group, OVPR
2016-2017	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

- 08/2018 Field Trip Leader, Plant & Microbial Biological Sciences, Itasca Biological Station
 10/2017 Guest lecturer, panel on community engaged scholarship, OLPD 5736 - Public

- Engagement and Higher Education
- 09/2017 Instructor, Master Naturalists Course, Extension, University of Minnesota, "Mapping Change and the Minnesota Biodiversity Atlas"
- 08/2017 Instructor, Plant & Microbial Biological Sciences, Botany Module, Itasca Biological Station
- 05/2017 Instructor, Gathering Partners Conference, Extension, University of Minnesota, "Mapping Change and the Minnesota Biodiversity Atlas"
- 04/2017 Invited Speaker, Council of Research Associate Deans, University of Minnesota, "Community Engaged Scholarship"
- 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
- 10/2016 Instructor, Master Naturalists Course, Extension, University of Minnesota, "Mapping Change and the Minnesota Biodiversity Atlas"
- 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

- 11/2018 Invited Speaker, Invited Speaker, Sisseton-Wapeton Oyate Tribal Council, Lake Traverse Indian Reservation, North Dakota, "SWO Hemp Economic Feasibility Study"
- 10/2018 Program Participant, Culinary Collections Event, Bell Museum, Saint Paul, Minnesota
- 09/2018 Program Participant, Our Global Kitchen Exhibit, Bell Museum, Saint Paul, Minnesota
- 09/2018 Invited Speaker, Sisseton-Wapeton Oyate Hemp Field Day, Lake Traverse Indian Reservation, North Dakota
- 09/2018 Expert Botanist, Eastman Nature Center Bioblitz, Three Rivers Park District, Minnesota
- 09/2018 Invited Speaker, Saint Anthony Park Garden Club, Saint Paul, Minnesota, "The Learning Landscape at the Bell Museum"
- 02/2018 Invited speaker, Midwest Organic and Sustainable Education Service annual meeting, LaCrosse, Wisconsin, "American hemp: progress & prospects"
- 02/2018 Invited speaker, MinneCollege, Scottsdale, Arizona, University of Minnesota Alumni Association, "Biocultural preservation on the rainforest frontier"
- 02/2018 Invited Speaker, West Metro Master Naturalists, Minnetonka, Minnesota, "Reinterpreting Minnesota Natural History at the Bell Museum"
- 01/2018 Invited Speaker, Minnesota Department of Agriculture, Industrial Hemp Pilot Program Forum, Saint Paul, Minnesota, "University of Minnesota Hemp Variety Trial"
- 11/2017 Commencement Speaker, Wanang Conservation School, Papua New Guinea
- 10/2017 Instructor, Minnesota Phenology Network Annual Conference,
- 10/2017 Invited speaker, Gown in Town, Saint Paul, Minnesota, "Asples Wokabout: Native Wandering"
- 09/2017 Invited Speaker, New Guinea Lutheran Missionary Gathering, Mount Olivet Retreat Center, Farmington, Minnesota, "Biocultural preservation on the rainforest frontier"
- 07/2017 Speaker, 2017 Field Day, Northwest Research and Outreach Center, Crookston, Minnesota, "University of Minnesota Hemp Variety Trial"
- 05/2017 Keynote Speaker, Gathering Partners, Minnesota Master Naturalists Annual Meeting, Saint Paul, Minnesota, "How a lost child became a Minnesota naturalist"
- 04/2017 Invited Speaker, American Association of University Women, Minneapolis Chapter, Minneapolis, Minnesota, "The Cannabis conundrum: science and politics of America's most controversial plant"
- 01/2017 Invited Speaker, Minnesota Crop Improvement Association Annual Meeting, Fergus Falls, Minnesota, "Progress and Prospects for Minnesota Industrial Hemp"
- 01/2017 Invited Speaker, Minnesota Department of Agriculture, Industrial Hemp Pilot Program Forum, Saint Paul, Minnesota, "University of Minnesota Feral Hemp Research"
- 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 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