CURRICULUM VITAE

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Education

Ph.D. in Botany, University of Wisconsin–Madison, 2004
B.A. in English, University of Wisconsin–Madison, 1994: Creative Writing emphasis
Wildlands Studies Program, San Francisco State University, Fall 1991

Professional Appointments

2019–present	**Director of the Herbarium and Senior Scientist in Plant Systematics,** The Morton Arboretum
2012–2019	**Senior Scientist in Plant Systematics and Herbarium Curator,** The Morton Arboretum
2004–2012	**Plant Systematist and Herbarium Curator,** The Morton Arboretum
2008–present	**Lecturer,** Committee on Evolutionary Biology, University of Chicago
2004–present	**Research Associate,** The Field Museum of Natural History
1999–2003	**Graduate Assistant**, UW–Madison Department of Botany
1994–1999	**Naturalist,** Preschool of the Arts, Madison
1994–1998	**Ranger,** UW–Madison Arboretum
1993–2004	**Naturalist,** UW–Madison Arboretum

Selected Fellowships and Awards

2023	**Fulbright Specialist,** Georg-August-Universität Göttingen, Germany
2018	**Distinguished Informal Science Education Award,** National Science Teachers Association (NSTA)
2018	**Special Service Award,** The International Oak Society
2013–14	**Fulbright Scholar,** INRAE-BioGeCo / University of Bordeaux, France
2004–2016	**Honorary Research Fellow,** UW–Madison Department of Botany
2004	**Worldwide Universities Network (WUN) Graduate Research Fellow,** School of Computing at the University of Leeds (U.K.)
2003–2004	**Botany Department Research Fellow,** UW–Madison Department of Botany
2002	**Innovation in Teaching Award,** UW–Madison College of Letters and Science
1998–1999	**University Research Fellow,** UW–Madison Department of Botany

Selected Grants and Awards, current position only (* = active)

*2024-25. DOE Joint Genome Initiative, Community Science Program Award: sequencing funds (no direct funding) [co-PI; with John Carlson, Penn State University]. Super-PanGenomes for Gene Discovery and Climate-Resiliency Research and Breeding in Eastern Oak Syngameons

*2021–26. NSF-DEB award #2129281: $808,747 [$2M total]: Morton Arboretum [Hipp] lead, with Duke U., U. MN, U. AZ, U. OK, Ft Collins Science Center, Institute of Botany – Chinese Academy of Sciences, and South China Botanical Garden – Chinese Academy of Sciences *Dimensions US–China: Collaborative Research: Consequences of diversity in Asian and American tree syngameons for functional variation, adaptation and symbiont biodiversity*

2020–24. NSF-DEB award #1935074: $797,443 [co-PI; with PI Midgley (at Morton Arboretum)]
Collaborative Research: Rules of Life: Impacts of plants and communities on soil microbial composition and function across phylogenetic scales

2014–21. NSF-DEB award #1354551: $646,084 [$962,966 total; collaborating PI]
Testing the effects of phylogenetic diversity on restoration outcomes in tallgrass prairie

2015–20. USDA, U.S. National Arboretum ($86,440, cooperative agreement with Whittemore Lab).
White oak genetic diversity.

2014–18. NSF-DEB award #1405396: $167,000 [collaborating PI]
Digitization TCN: Documenting the Occurrence through Space & Time of Aquatic Non-indigenous Fish, Mollusks, Algae, & Plants Threatening North America's Great Lakes

2013–17. NSF-DEB award #1255901: $330,000 [$765,000 total]: Morton Arboretum [Hipp] lead, with McGill University [Waterway] as co-PI, Washington State U. [Roalson] as collaborating institution. *Revising the classification of the temperate zone's largest angiosperm genus (Carex, Cyperaceae), and training the next generation of sedge systematists*
http://systematics.mortonarb.org/cariceae/

2012–16. NSF-DEB award #1146488: $139,000 [$670,000 total]: Morton Arboretum [Hipp] lead, with Duke U. [Manos], U. of MN [Cavender-Bares], and Notre Dame [Romero-Severson].
Phylogeny of the New World oaks: Diversification of an ecologically important clade across the tropical-temperate divide

2010–15. USDA, U.S. National Arboretum ($30,500, cooperative agreement with Whittemore Lab).
Elm genetic diversity.

2011. BioSynC / Encyclopedia of Life ($40,000; Synthesis meeting proposal, Morton Arboretum lead, ca. 30 international participants). *Coordinating work on regional and global diversity of Carex (Cyperaceae), the largest angiosperm genus of the temperate zone*.

2008–10. Institute for Museum and Library Services award # MA-05-08-0125-08: $150,000 + $222,034 match. *Integrated Plant Collections Database*. http://quercus.mortonarb.org

2008–12. NSF-DEB award #0743157: $299,250 [$583,000 total; collaborating PI]
Phylogenetic Patterns and Processes of Diversification in Carex *subgenus* Vignea *(Cyperaceae)*

2008. NESCent Short-term Sabbatical / Visiting Scholar Award

2007. Michigan Botanical Club Hanes Fund grant ($11,200)
Taxonomy and Hybridization in Michigan Black Oak and Hill's Oak

2007. Diversity Inventory Group Grant: *Field Guide to Wisconsin Sedges* ($2,000)

2007. USDA Forest Service and USFWS, through Chicago Wilderness ($14,900)
How Far is Too Far? Genetic Consequences of Seed Provenance Decisions in Sedges

2006. Fish and Wildlife Foundation, through Midewin Tallgrass Prairie Fund ($14,500)
Evaluating Provenance Limits in Prairie Sedges: Development of microsatellite markers in Carex scoparia

2006. Institute for Museum and Library Services ($150,000; herbarium portion: $10,500)
Vegetation and Land-use History of Arboretum Woodlands

2005. American Philosophical Society Research Grant ($6,000)
Molecular investigations of taxonomy and hybridization in Hill's Oak and relatives

TEACHING AND SELECTED OUTREACH

Courses developed, taught as lecturer (* = field course)

University of Chicago

- *Reconstructing the Tree of Life* (2019, 2021, 2023, 2025)
  Upper level undergrad / grad course, co-instructor with Richard Ree

- *Phylogenetic Comparative Methods* (2010, 2012, 2016, 2018, 2021)
  Graduate seminar (co-instructor with Richard Ree in 2010, 2012, 2021)

UW–Madison

- * *Vascular Flora of Wisconsin* (2003); Upper level undergrad / grad course
- * *Landscape Interpretation* (2001); Upper level undergrad / grad course
  Co-instructor with Tania Schoenagel
- * *Wetland and Aquatic Plants* (2000); Upper level undergrad / grad course

UW–Milwaukee:

- * *Aquatic Plant Biology* (1999); Upper level undergrad / grad course

Field workshops

The Morton Arboretum

- * *Field Identification of Sedges* (2-day workshop; 2013, 2015, 2017, 2019, 2021)
- * *Field Identification of Oaks* (1-day workshop; 2014)

The Festival of Nature (Door Co, WI: 2017, 2018, 2021, 2025)

- * *Flora of Ridges Sanctuary* (1/2-day workshop)
- * *Get to Know Wisconsin Sedges* (1/2-day workshop)

Humboldt Field Research Institute (Steuben, Maine; 2009, 2011)

- * *Applied Field Identification of Sedges and Rushes* (5-day workshop; 2009, 2011)

Courses taught as teaching assistant

UW–Madison

- V*ascular Flora of Wisconsin* (Botany 401; Kenneth Sytsma, 2002)
- *Evolution, Ecology, and Genetics* (Biocore 301 / 302; Team-taught, 2001)
- *Plant Anatomy* (Botany 300; Ray Evert, 1999, 2000)

Additional activities in informal science education and communication

2021 Co-host, author-conversation: Jason Allen-Paisant, *Thinking with Trees* (The Morton Arboretum)
2019 Co-host, author-conversation: Richard Powers, *The Overstory* (The Morton Arboretum)
2014 Exhibit evaluator: *Wilderdeck UrbGarden* (Madison Children's Museum)
2013 Exhibit evaluator: *Building Big Ideas STEM Initiative* (Madison Children's Museum)
2011 Exhibit evaluator: *Rooftop Ramble Rooftop Garden* (Madison Children's Museum)

BOOKS AND BOOK CHAPTERS

1. Hipp AL, illustrated by Davis RD, with Foreword by Chassé B. 2024. *Oak origins: From Acorns to Species and the Tree of Life*. University of Chicago Press, 327 pp.
2. Hipp AL, Glasenhardt M-C, Bowles ML, Garner M, Scharenbroch BC, Williams EW, Byrne A, Ernst AR, Grigg E, Midgley MG, et al. 2018. Effects of phylogenetic diversity and phylogenetic identity in a restoration ecology experiment. In: Scherson R, Faith DP, eds. *Phylogeny-based Biodiversity Assessments for Conservation*. Springer International.
3. Denk T, Grimm GW, Manos PS, Deng M, Hipp AL. 2017. An Updated Infrageneric Classification of the Oaks: Review of Previous Taxonomic Schemes and Synthesis of Evolutionary Patterns. In: Gil-Pelegrín E, Peguero-Pina J-J, Sancho-Knapik D (eds.): *Tree Physiology. Oaks Physiological Ecology. Exploring the Functional Diversity of Genus Quercus L.*, pp. 13–38. Springer, Cham.
4. Ree, R.H. and Hipp AL. 2015. Inferring phylogenetic history from restriction site associated DNA (RADseq). *In*: Elvira Hoerandl and Marc Appelhans (eds.): *Next Generation Sequencing in Plant Systematics*, pp 181–204. Koeltz Scientific Books, Koenigstein.
5. Hipp AL, K.S. Chung, and A.M. Escudero. 2013 (invited article). *Holocentric chromosomes*. In: Maloy, S. and K. Hughes (eds) *Encyclopedia of Genetics, 2nd Edition*, Volume 3, pp. 499–501. Elsevier, New York.

6. Zika, P., Hipp AL, and J. Mastrogiuseppe. 2012. *Carex*. In *The Jepson Flora: A Manual to the Vascular Plants of California* (Baldwin, B.G., S. Boyd, D.J. Keil, R.W. Patterson, T.J. Rosatti, and D.H. Wilken, eds), pp. 1308–1338. University of California Press, Berkeley.
7. Hipp AL, with illustrations by Davis RD., maps and appendices by T.S. Cochrane and M. Black. 2008. *Field Guide to Wisconsin Sedges: An Introduction to the Genus Carex (Cyperaceae).* University of Wisconsin Press, Madison. 280 pp.
8. Hipp AL. 2004. *Spring Woodland Wildflowers of the University of Wisconsin – Madison Arboretum.* University of Wisconsin–Madison Arboretum, WI. 70 pp.

JOURNAL ARTICLES

1. Grant J, Murphy P, Barak RS, Hahn M, Leavens E, Hipp AL. In press (2025). Collaboration to cultivate the practices of science: Local research as a gateway to biodiversity science. *The American Biology Teacher*.
2. Rea LMS, Ostrowsky L, Mohn R, Garner M, Worcester L, Lapadat C, McCarthy HR, Hipp AL, Cavender Bares J. In review. Genetically based variation in fitness and carbon assimilation among bur oak populations.
3. Mohn R, Garner M, Manos P, Hipp A. In review. Read mapping stringency and genetic relatedness to the reference genome significantly impact multispecies population genetic and phylogenetic analyses.
4. Ribicoff G, Garner M, Pham K, Althaus KN, ... Hipp AL. In revision. Introgression, phylogeography, and genomic species cohesion in the eastern North American white oak syngameon. *Molecular Ecology*.
5. Althaus KN, González-Elizondo MS, González-Rodríguez A, Rodríguez Correa H, Hipp AL. 2025. Phylogenetic Niche Conservatism Drives Floristic Assembly Across Mexico's Temperate-Tropical Divide. *Global Ecology and Biogeography* **34**: e70017.
6. Fontes CG, Meireles JE, Hipp A, Cavender-Bares J. 2025. Adaptive evolution of freezing tolerance in oaks is key to their dominance in North America. *Ecology Letters* 28: e70084.
7. Tribble CM, Márquez-Corro JI, May MR, Hipp AL, Escudero M, Zenil-Ferguson R. 2025. Macroevolutionary inference of complex modes of chromosomal speciation in a cosmopolitan plant lineage. *New Phytologist* 245: 2350-2361.
8. Cannon CH, Kartesz J, Hoban S, Loza MI, Bruns EB, Hipp AL. 2024. Constructing sympatry networks to assess potential introgression pathways within the major oak sections in the contiguous US states. *PLANTS, PEOPLE, PLANET* 6: 1437–1452.
9. Hipp AL, Lazic D. 2024. Ancient tree genomes for old questions. *Molecular Ecology* 33: e17259.
10. Martín-Sánchez R, Peguero-Pina JJ, Alonso-Forn D, López-Ballesteros A, Ferrio JP, Hipp AL, Sancho-Knapik D, Gil-Pelegrín E. 2024. Leaf morphology in genus *Quercus* responds to climate but is modulated by phylogeny. *Annals of Forest Science* 81: 14.
11. Morales-Saldaña S, Hipp AL, Valencia-Ávalos S, Hahn M, González-Elizondo MS, Gernandt DS, Pham KK, Oyama K, González-Rodríguez A. 2024. Divergence and reticulation in the Mexican white oaks: ecological and phylogenomic evidence on species limits and phylogenetic networks in the *Quercus laeta* complex (Fagaceae). *Annals of Botany* 133: 1007–1024.
12. Wu Y, Linan AG, Hoban S, Hipp AL, Ricklefs RE. 2024. Divergent ecological selection maintains species boundaries despite gene flow in a rare endemic tree, *Quercus acerifolia* (maple-leaf oak). *Journal of Heredity* 115: 575–587.

13. Barak RS, Karimi N, Glasenhardt M-C, Larkin DJ, Williams EW, Hipp AL. 2023. Phylogenetically and functionally diverse species mixes beget diverse experimental prairies, whether from seeds or plugs. *Restoration Ecology* 31: e13737.
14. Bruns E, Westwood M, Griffith MP, Hipp A, Lobdell M, Meyer A, Rollinson C, Still S, Worcester L, Hoban S. 2023. Quantifying Endangerment Value: a Promising Tool to Support Curation Decisions. *Sibbaldia: The International Journal of Botanic Garden Horticulture* 22: 1–24.
15. Denk T, Grimm GW, Hipp AL, Bouchal JM, Schulze E-D, Simeone MC. 2023. Niche evolution in a northern temperate tree lineage: biogeographical legacies in cork oaks (*Quercus* section *Cerris*). *Annals of Botany* 131: 769–787.
16. Elliott TL, Larridon I, Barrett RL, Bruhl JJ, Costa SM, Escudero M, Hipp AL, Jiménez‐Mejías P, Kirschner J, Luceño M, et al. 2023. Addressing inconsistencies in Cyperaceae and Juncaceae taxonomy: Comment on Brožová et al. *Molecular Phylogenetics and Evolution* 179: 107665.
17. Ernst A, Barak R, Glasenhardt M-C, Kramer A, Larkin D, Marx H, Poulton Kamakura R, Hipp AL. 2023. Neither phylogenetic nor functional diversity increase invasion resistance in an experimental grassland restoration. *Journal of Applied Ecology* 60: 2652–2664
18. Escudero M, Marques A, Lucek K, Hipp AL. 2023. Genomic hotspots of chromosome rearrangements explain conserved synteny despite high rates of chromosome evolution in a holocentric lineage. *Molecular Ecology* https://doi.org/10.1111/mec.17086.
19. Gardner EM, Bruun-Lund S, Niissalo M, Chantarasuwan B, Clement WL, Geri C, Harrison RD, Hipp AL, Holvoet M, Khew G, Kjellberg F, Liao S, Pederneiras LC, Peng Y-Q, Pereira JT, Phillipps Q, Ahmad Puad AS, Rasplus J-Y, Sang J, Juul Schou S, Velautham E, Weiblen GD, Zerega NJC, Zhang Q, Zhang Z, Baraloto B, Rønsted N. 2023. Echoes of ancient introgression punctuate stable genomic lineages in the evolution of figs. *PNAS* 120: e2222035120.
20. Kaproth MA, Fredericksen BW, González-Rodríguez A, Hipp AL, Cavender-Bares J. 2023. Drought response strategies are coupled with leaf habit in 35 evergreen and deciduous oak (*Quercus*) species across a climatic gradient in the Americas. *New Phytologist* 239: 888–904.
21. Larkin DJ, Glasenhardt M-C, Williams EW, Karimi N, Barak RS, Leavens E, Hipp AL. 2023. Evolutionary history shapes grassland productivity through opposing effects on complementarity and selection. *Ecology* 104: e4129.
22. Wu Y, Hipp AL, Fargo G, Stith N, Ricklefs RE. 2023. Improving Species Delimitation for Effective Conservation: A Case Study in the Endemic Maple-leaf Oak (*Quercus acerifolia*). *New Phytologist* 238: 1278–1293.
23. Ernst AR, Barak RS, Hipp AL, Kramer AT, Marx HE, Larkin DJ. 2022. The invasion paradox dissolves when using phylogenetic and temporal perspectives. *Journal of Ecology* 110: 443-456.
24. Gailing O, Hipp AL, Plomion C, Carlson JE. 2022. Oak Population Genomics. In: Rajora OP, ed. *Population Genomics: Forest Trees*. Cham: Springer International Publishing.
25. Jiménez-Mejías P, Hipp AL, Roalson EH, Benítez-Benítez C, Naczi RFC, Martín-Bravo S, Reznicek AA. 2022. Four new sectional names in *Carex* L. (Cyperaceae). *Kew Bulletin* 77: 799–802.
26. Karimi N, Larkin DJ, Glasenhardt M-C, Barak RS, Williams EW, Ernst AR, Hipp AL. 2022. Selection on convergent functional traits drives compositional divergence in early succession of a tallgrass prairie restoration experiment. *Journal of Ecology* 110: 415–429.

27. Morales-Saldaña S, Valencia-Ávalos S, Oyama K, Sánchez ET, Hipp AL, González-Rodríguez A. 2022. Even more oak species in Mexico? Genetic structure and morphological differentiation support the presence of at least two specific entities within *Quercus laeta*. *Journal of Systematics and Evolution* 60: 1124–1139.
28. Otero A, Vargas P, Fernández-Mazuecos M, Jiménez-Mejías P, Valcárcel V, Villa-Machío I, Hipp AL. 2022. A snapshot of progenitor–derivative speciation in *Iberodes* (Boraginaceae). *Molecular Ecology* 31: 3192–3209.
29. Tang T, Zhang N, Bongers FJ, Staab M, Schuldt A, Fornoff F, Lin H, Cavender-Bares J, Hipp AL, Li S, et al. 2022. Tree species and genetic diversity increase productivity via functional diversity and trophic feedbacks. *eLife* 11: e78703.
30. Benítez-Benítez C, Martín-Bravo S, Bjorå CS, Gebauer S, Hipp AL, Hoffmann MH, Luceño M, Pedersen TM, Reznicek A, Roalson E, et al. 2021. Geographical vs. ecological diversification in *Carex* section *Phacocystis* (Cyperaceae): Patterns hidden behind a twisted taxonomy. *Journal of Systematics and Evolution* 59: 642–667.
31. Desmond SC, Garner M, Flannery S, Whittemore AT, Hipp AL. 2021. Leaf shape and size variation in bur oaks: An empirical study and simulation of sampling strategies. *American Journal of Botany* 108: 1540–1554.
32. Gardner EM, Garner M, Cowan R, Dodsworth S, Epitawalage N, Arifiani D, Sahromi, Baker WJ, Forest F, Maurin O, Zerega NJC, Monro AK, Hipp AL. 2021. Repeated parallel losses of inflexed stamens in Moraceae: Phylogenomics and generic revision of the tribe Moreae and the reinstatement of the tribe Olmedieae (Moraceae). *TAXON* 70: 946–988.
33. Global *Carex* Group, Roalson EH, Jiménez-Mejías P, Hipp AL, Benítez-Benítez C, Bruederle LP, Chung K-S, Escudero M, Ford BA, Ford K, et al. 2021. A framework infrageneric classification of *Carex* (Cyperaceae) and its organizing principles. *Journal of Systematics and Evolution* 59: 726–762.
34. Larridon I, Zuntini AR, Léveillé-Bourret É, Barrett RL, Starr JR, Muasya AM, Villaverde T, Bauters K, Brewer GE, Bruhl JJ, et al. 2021. A new classification of Cyperaceae (Poales) supported by phylogenomic data. *Journal of Systematics and Evolution* 59: 852–895.
35. Lazic D, Hipp AL, Carlson JE, Gailing O. 2021. Use of Genomic Resources to Assess Adaptive Divergence and Introgression in Oaks. *Forests* 12: 690.
36. Manos PS, Hipp AL. 2021. An Updated Infrageneric Classification of the North American Oaks (*Quercus* Subgenus *Quercus*): Review of the Contribution of Phylogenomic Data to Biogeography and Species Diversity. *Forests* 12: 786.
37. Márquez-Corro JI, Martín-Bravo S, Jiménez-Mejías P, Hipp AL, Spalink D, Naczi RFC, Roalson EH, Luceño M, Escudero M. 2021. Macroevolutionary insights into sedges (*Carex*: Cyperaceae): The effects of rapid chromosome number evolution on lineage diversification. *Journal of Systematics and Evolution* 59: 776–790.
38. McCormack ML, Kaproth MA, Cavender‐Bares J, Carlson E, Hipp AL, Han Y, Kennedy PG. 2021. Climate and phylogenetic history structure morphological and architectural trait variation among fine-root orders. *New Phytologist* 228: 1824-1834.

39. Pender JE, Hipp AL, Hahn M, Starr JR. 2021. Trait evolution rates shape continental patterns of species richness in North America's most diverse angiosperm genus (*Carex*, Cyperaceae). *Journal of Systematics and Evolution* 59: 763–775.

40. Reznicek AA, González-Elizondo M del S, Hahn M, Garner M, Hipp AL. 2021. Monograph of *Carex* section *Schiedeanae* (Cyperaceae): Unexpected taxonomic and ecological diversity in a Mexican sedge clade. *Journal of Systematics and Evolution* 59: 698–725.

41. Spence ES, Fant JB, Gailing O, Griffith MP, Havens K, Hipp AL, Kadav P, Kramer A, Thompson P, Toppila R, et al. 2021. Comparing Genetic Diversity in Three Threatened Oaks. *Forests* 12: 561.

42. Villaverde T, Maguilla E, Luceño M, Hipp AL. 2021. Assessing the sensitivity of divergence time estimates to locus sampling, calibration points, and model priors in a RAD-seq phylogeny of *Carex* section *Schoenoxiphium*. *Journal of Systematics and Evolution* 59: 687–697.

43. Whittemore AT, Fuller RS, Brown BH, Hahn M, Gog L, Weber JA, Hipp AL. 2021. Phylogeny, Biogeography, and Classification of the Elms (*Ulmus*). *Systematic Botany* 46: 711–727.

44. Williams EW, Zeldin J, Semski WR, Hipp AL, Larkin DJ. 2021. Phylogenetic distance and resource availability mediate direction and strength of plant interactions in a competition experiment. *Oecologia* 197: 459–469.

45. Crowl, A.A., Manos, P.S., McVay, J.D., Lemmon, A.R., Lemmon, E.M., and Hipp AL. 2020. Uncovering the genomic signature of ancient introgression between white oak lineages (*Quercus*). *New Phytologist* 226: 1158–1170.

46. Hipp AL, Manos PS, Hahn M, Avishai M, Bodénès C, Cavender‐Bares J, Crowl AA, Deng M, Denk T, Fitz‐Gibbon S, et al. 2020. Genomic landscape of the global oak phylogeny. *New Phytologist* 226: 1198–1212.

47. Hoban S, Callicrate T, Clark J, Deans S, Dosmann M, Fant J, Gailing O, Havens K, Hipp AL, Kadav P, et al. 2020. Taxonomic similarity does not predict necessary sample size for ex situ conservation: a comparison among five genera. *Proceedings of the Royal Society B: Biological Sciences* 287: 20200102.

48. Kattge J, Bönisch G, Díaz S, Lavorel S, Prentice IC, Leadley P, Tautenhahn S, Werner GDA, Aakala T, Abedi M, *et al.* 2020. TRY plant trait database – enhanced coverage and open access. *Global Change Biology* 26: 119–188.

49. Kremer A, Hipp AL. 2020. Oaks: an evolutionary success story. *New Phytologist* 226: 987–1011.

50. LeRoy CJ, Hipp AL, Lueders K, Follstad Shah JJ, Kominoski JS, Ardón M, Dodds WK, Gessner MO, Griffiths NA, Lecerf A, *et al.* 2020. Plant phylogenetic history explains in-stream decomposition at a global scale. *Journal of Ecology* 108: 17-35

51. Pearse IS, LaMontagne JM, Lordon M, Hipp AL, Koenig WD. 2020. Biogeography and phylogeny of masting: do global patterns fit functional hypotheses? *New Phytologist* 227: 1557–1567.

52. Ramírez‐Valiente JA, López R, Hipp AL, Aranda I. 2020. Correlated evolution of morphology, gas exchange, growth rates and hydraulics as a response to precipitation and temperature regimes in oaks (*Quercus*). *New Phytologist* 227: 794–809.

53. Scher CL, Karimi N, Glasenhardt M-C, Tuffin A, Cannon CH, Scharenbroch BC, Hipp AL. 2020. Application of remote sensing technology to estimate productivity and assess phylogenetic heritability. *Applications in Plant Sciences* 8: e11401.

54. Villaverde T, Jiménez-Mejías P, Luceño M, Waterway MJ, Kim S, Lee B, Rincón-Barrado M, Hahn M, Maguilla E, Roalson EH, et al. 2020. A new classification of *Carex* (Cyperaceae) subgenera

supported by a HybSeq backbone phylogenetic tree. *Botanical Journal of the Linnean Society* 194: 141–163.

55. Escudero M, Lovit M, Brown BH, Hipp AL. 2019. Rapid plant speciation associated with the last glacial period: reproductive isolation and genetic drift in sedges. *Botanical Journal of the Linnean Society* 190: 303–314.
56. Hipp AL, Whittemore AT, Garner M, Hahn M, Fitzek E, Guichoux E, Cavender-Bares J, Gugger PF, Manos PS, Pearse IS, *et al.* 2019. Genomic identity of white oak species in an eastern North American syngameon. *Annals of the Missouri Botanical Garden* 104.
57. Jiang X-L, Hipp AL, Deng M, Su T, Zhou Z-K, Yan M-X. 2019. East Asian origins of European holly oaks via the Tibet-Himalayas. *Journal of Biogeography* doi:10.1111/jbi.13654.
58. Larridon I, Villaverde T, Zuntini AR, Pokorny L, Brewer GE, Epitawalage N, Fairlie I, Hahn M, Kim J, Maguilla E, *et al.* 2019. Tackling rapid radiations with targeted sequencing. *Frontiers in Plant Science* 10.
59. Martín‐Bravo S, Jiménez‐Mejías P, Villaverde T, Escudero M, Hahn M, Spalink D, Roalson EH, Hipp AL, Benítez‐Benítez C, Bruederle LP, *et al.* 2019. A tale of worldwide success: Behind the scenes of Carex (Cyperaceae) biogeography and diversification. *Journal of Systematics and Evolution* 57: 695–718.
60. Pender JE, Hipp AL, Hahn M, Kartesz J, Nishino M, Starr JR. 2019. How sensitive are climatic niche inferences to distribution data sampling? A comparison of Biota of North America Program (BONAP) and Global Biodiversity Information Facility (GBIF) datasets. *Ecological Informatics*: 100991.
61. Strack B, Ullah Z, Hipp AL, Amir R, Hayat MQ. 2019. Pattern of Diversity among Pistillate Scales of the Western Himalayan *Carex* L. (Cyperaceae): Micromorphological and Molecular Inferences. *Int. J. Agric. Biol.* 21: 659–666.
62. Uzma, Jiménez-Mejías P, Amir R, Hayat MQ, Hipp AL. 2019. Timing and ecological priority shaped the diversification of sedges in the Himalayas. *PeerJ* 7: e6792.
63. Yan M, Liu R, Li Y, Hipp AL, Deng M, Xiong Y. 2019. Ancient events and climate adaptive capacity shaped distinct chloroplast genetic structure in the oak lineages. *BMC Evolutionary Biology* 19: 202.
64. Williams, E.W., Barak, R.S., Kramer, M., Hipp AL, and Larkin, D.J. 2018. In tallgrass prairie restorations, relatedness influences neighborhood-scale plant invasion while resource availability influences site-scale invasion. *Basic and Applied Ecology* **33**: 37–48.
65. Cavender-Bares J, Kothari S, Meireles JE, Manos PS, Kaproth M, Hipp AL. 2018. The role of diversification in community assembly of the oaks (*Quercus* L.) across the continental U.S. *American Journal of Botany* 105: 565-586.
66. Escudero AME, Hahn M, Hipp AL. 2018. RAD-seq linkage mapping and patterns of segregation distortion in sedges: meiosis as a driver of karyotypic evolution in organisms with holocentric chromosomes. *Journal of Evolutionary Biology* 31: 833-843.
67. Fitzek E, Delcamp A, Guichoux E, Hahn M, Lobdell M, Hipp AL. 2018. A nuclear DNA barcode for eastern North American oaks and application to a study of hybridization in an Arboretum setting. *Ecology and Evolution* 8: 5837–5851.
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POPULAR PUBLICATIONS, REPORTS, BOOK REVIEWS, INTRODUCTIONS

1. Pearse IS, Samuels L, Ribicoff G, Jaime-Rivera J, Hipp AL. 2025. Gall Watching Is the New Bird Watching. *American Entomologist* 71: 32–35.
2. Hipp AL, Althaus K, Coombes AJ, González-Elizondo MS, González-Rodríguez A, Hahn M, Manos P, Rodríguez Correa H. 2023. Time, Space, Function: Biogeography of the Mexican Oaks. *International Oaks: The Journal of the International Oak Society* 34: 125–139. https://www.internationaloaksociety.org/content/time-space-function-biogeography-mexican-oaks
3. Hipp AL. 2021. Fields of View. *The Learned Pig*.
4. Hipp AL. 2021. Taking the Measure of a Forest. *Places Journal*. https://placesjournal.org/article/taking-the-measure-of-a-suburban-forest-preserve
5. Hipp AL, Manos PS, Cavender-Bares J. 2020. How Oak Trees Evolved to Rule the Forests of the Northern Hemisphere. *Scientific American* 323: 42–49. https://www.scientificamerican.com/article/how-oak-trees-evolved-to-rule-the-forests-of-the-northern-hemisphere/
   Translated in *Pour la Science* 516 as "L'étonnant succès évolutif des chênes" [url: https://www.pourlascience.fr/sd/botanique/letonnant-succes-evolutif-des-chenes-20105.php]
6. Hipp AL and Davis RD. 2020. *Each year in the forest: Winter. Arnoldia* 77(3): 36–43. https://arboretum.harvard.edu/stories/each-year-in-the-forest-winter/
7. Hipp AL and Davis RD. 2020. *Each year in the forest: Spring. Arnoldia* 77(4): 32–40. https://arboretum.harvard.edu/stories/each-year-in-the-forest-spring/
8. Hipp AL and Davis RD. 2020. *Each year in the forest: Summer. Arnoldia* 78(1): 42–51. https://arboretum.harvard.edu/stories/each-year-in-the-forest-summer/
9. Hipp AL and Davis RD. 2020. *Each year in the forest: Autumn. Arnoldia* 78(2): 34–43. https://arboretum.harvard.edu/stories/each-year-in-the-forest-autumn/
10. Crowl AA, Bruno E, Hipp AL, Manos PS. 2020. Revisiting the Mystery of the Bartram Oak. *Arnoldia* 77: 6–11. https://arboretum.harvard.edu/stories/revisiting-the-mystery-of-the-bartram-oak/
11. Garner, M., Pham, K.K., Whittemore, A.T., Cavender-Bares, J., Gugger, P.F., Manos, P.S., Pearse, I.S., and Hipp AL. 2019. From Manitoba to Texas: A study of the population genetic structure of bur oak (*Quercus macrocarpa*). *International Oaks: The Journal of the International Oak Society* 30: 131–138.
12. Hipp AL. 2019. Pharaoh's Dance: the oak genomic mosaic. *International Oaks: The Journal of the International Oak Society* 30: 53–62.
13. Cannon CH, Brendel O, Deng M, Hipp AL, Kremer A, Kua C-S, Plomion C, Romero-Severson J, Sork VL. 2018. Meeting report: Gaining a global perspective on Fagaceae genomic diversification and adaptation. *New Phytologist* 218: 894-897.
14. Hipp AL, S.C. Gonzalez-Martinez, and J.P. Jaramillo-Correa. 2017. The Evolution of Tree Diversity: Proceedings of the 2016 IUFRO Genomics and Forest Tree Genetics Conference, Phylogenetics and Genomic Evolution Session, Arcachon, France. *Genome* 60: v-vi.
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22. Hipp AL, J. Weber, and A. Srivastava. 2010. Who am I this time? The affinities and misbehaviors of Hill's oak (*Quercus ellipsoidalis*). *International Oaks: The Journal of the International Oak Society* 21: 27–36.
23. Hipp AL. 2008. How Far is Too Far? Genetic consequences of Seed Provenance Decisions in Sedges. Report on research grant results, Chicago Wilderness / USDA / USFWS.
24. Hipp AL. 2007. Evaluating Provenance Limits in Prairie Sedges: Development of Microsatellite Markers in *Carex scoparia*. Report on research grant results, Midewin Tallgrass Prairie / Fish & Wildlife Foundation.
25. Hipp AL and J.A. Weber. 2007. Taxonomy of Hill's Oak (*Quercus ellipsoidalis*) in the Chicago Region: preliminary molecular evidence. *International Oaks: The Journal of the International Oak Society* 18: 65–74.
26. Balaban, J., J. Balaban, P.E. Rothrock, Hipp AL, J. Kluse, and R. Foster, with assistance of L. Ross and A.A. Reznicek. 2007. *Carex of Northeastern Illinois and Northwestern Indiana, USA: Sedges (Carex spp.) of the Chicago Region.* Chicago Wilderness Guide #4. Environmental and Conservation Programs, the Field Museum, Chicago. http://fm2.fieldmuseum.org/chicagoguides/guide_pdfs/CW4-06.pdf
27. Hipp AL. 2005. When oak leaves fail to fall. *Plant Health Care Report* 2005.03: 11–12. Reprinted in *Tag Along* (2007) 6: 6–7, the newsletter of Taltree Arboretum.
28. Hipp AL. 2004. Behavior of Dobzhansky-type epistatic hybridization models under varying dominance and selection: preliminary numerical simulations. Report to Worldwide Universities Network.
29. Hipp AL. 1996. When autumn leaves begin to fall. *NewsLeaf* 10: 1–2. Reprinted in *Woodland Management* Fall 1997: 27.
30. Hipp AL. 1994. Ground-truthing of Apostle Islands vegetation maps. Contracted report to Apostle Islands National Lakeshore, Bayfield, Wisconsin.

BOOKS FOR CHILDREN

1. Hipp AL. 2004. *Getting Into Nature: Oak Trees.* Powerkids Press, NY. 28 pp.
2. Hipp AL. 2004. *Getting Into Nature: Olive Trees.* Powerkids Press, NY. 28 pp.
3. Hipp AL. 2004. *Getting Into Nature: Sunflowers.* Powerkids Press, NY. 28 pp.
4. Hipp AL. 2004. *Getting Into Nature: Maize.* Powerkids Press, NY. 28 pp.
5. Hipp AL. 2003. *The Wild Life of Insects: Peanut-Head Bugs*. Powerkids Press, NY. 24 pp.
6. Hipp AL. 2003. *The Wild Life of Insects: Dung Beetles*. Powerkids Press, NY. 24 pp.

7. Hipp AL. 2003. *The Wild Life of Insects: Gardening Ants*. Powerkids Press, NY. 24 pp.
8. Hipp AL. 2003. *The Wild Life of Insects: Assassin Bugs*. Powerkids Press, NY. 24 pp.
9. Hipp AL. 2003. *The Wild Life of Insects: Leafhoppers*. Powerkids Press, NY. 24 pp.
10. Hipp AL. 2003. *The Wild Life of Insects: Orchid Mantids*. Powerkids Press, NY. 24 pp.
11. Hipp AL. 2002. *Life Cycle of an Earthworm*. Powerkids Press, NY. 24 pp.
12. Hipp AL. 2002. *Life Cycle of a Mouse*. Powerkids Press, NY. 24 pp.
13. Hipp AL. 2002. *Life Cycle of a Snail*. Powerkids Press, NY. 24 pp.
14. Hipp AL. 2002. *Life Cycle of a Painted Turtle*. Powerkids Press, NY. 24 pp.
15. Hipp AL. 2002. *Life Cycle of a Duck*. Powerkids Press, NY. 24 pp.
16. Hipp AL. 2002. *Life Cycle of a Praying Mantis*. Powerkids Press, NY. 24 pp.

DATABASES ADMINISTERED

Herbarium database: http://bol.mortonarb.org/morton/herbarium
vPlants: http://www.vplants.org
Global oaks site: http://quercus.myspecies.info [archived 2024, as EU Scratchpads sunsets]
Global sedges site: http://cyperaceae.e-monocot.org [archived as of 2020, as Kew e-monocots project was not sustained]

INVITED SEMINARS AND LECTURES (EXTERNAL ONLY)

IBCAS, Beijing, 2025
South China Botanic Garden, 2025
Longwood Gardens, 2025
Woody Plant Conference (Longwood), 2025
Ridges Sanctuary Festival of Nature, 2025
Polly Hill Arboretum, 2025
The Huntington, 2025
Tennessee State University (virtual), 2025
UW Madison Arboretum FOA luncheon, 2025
UW Madison Arboretum Naturalist Training Program, 2025
IN Arborists' Association Annual Conf., 2025
IL Arborists' Association Annual Conf., 2024
Carex International Meeting (Seville), 2024
IUFRO World Congress, Stockholm, 2024
Texas Tech University, 2024
Oak Spring Garden Foundation, 2024
International Oak Society, 2023
University of Kentucky, 2023
Chicago Regional Trees Initiative, *Oaks on the Move*, 2023
University of Göttingen (6 seminars), 2023
Northern Michigan University, 2023
UC Berkeley and Jepson Herbaria, 2022
UC Berkeley Dep't of Integrative Biology, 2022
Duke University, Sara P Duke Gardens, 2021
University of Vienna, 2021
Wild Ones, Rockford IL, 2021
UW Madison Arboretum, 2019
Polly Hill Arboretum, 2019
University of Minnesota, 2018
Oklahoma State University, 2018
Michigan State University, 2018
University of Wisconsin – Madison, 2018
Missouri Botanical Garden Annual Fall Symposium 2018
CIIDIR Durango 2017
Benemérita Universidad Autónoma de Puebla, Puebla 2017
IUFRO Fagaceae Genomics and Forest Tree Genetics Conference, Chenshan 2017
IUFRO Fagaceae Genomics and Forest Tree Genetics Conference, Arcachon, 2016
8th International Oak Society meeting, Lisle IL 2015
Northern Illinois University, DeKalb IL 2015
INRA-BioGeCo, Bordeaux, 2014
Korea National Arboretum, 2013
Monocots V, NY, 2013
UW Milwaukee, WI, 2013
WildThings, IL, 2013
Prairie Restoration in the 21st Century (Morton Arboretum), IL, 2012
Holden Arboretum, OH, 2012
Indiana Dunes National Lakeshore, IN, 2012
Seventh International Oak Society meeting, Bordeaux, 2012
University of Colorado-Denver, 2012
International Botanical Congress, Melbourne, Australia, 2011.
Plant Sciences Symposium, The Field Museum, Chicago IL, 2011.
UW Arboretum Native Landscaping Conference, Madison WI, 2011.

Wayne State University, OH, 2011
Illinois Institute of Technology, Chicago IL, 2010.
North American Oak Genome Workshop, Santa Barbara, 2010.
Prairie Moon Nursery, Winona MN, 2010.
UW-Milwaukee Field Station, Cedarburg WI, 2010.
Humboldt Field Research Institute. Steuben, ME, 2009.
Sixth International Oak Conference. Puebla, Mexico, 2009.
University of Colorado–Boulder, Museum and EEB Department, 2009.
University of Illinois–Chicago, Department of Biological Sciences, 2009.
Duke University. Durham NC, 2008.
National Evolutionary Synthesis Center (NESCent). Durham NC, 2008.
Northwestern University, Plant Biology and Conservation. Evanston IL, 2008.
Royal Botanic Garden Edinburgh. Edinburgh, U.K., 2008.
University of Chicago, Committee on Evolutionary Biology. Chicago IL, 2008.
Washington State University, Department of Biological Sciences. Pullman WA, 2008.
WildOnes (Rockford IL) and the U. of Wisconsin Arboretum (Madison WI), 2008.
The Field Museum, Botany Department. Chicago IL, 2007.
Fifth International Oak Conference. Dallas TX, 2006.
Madison Area Naturalists' Enrichment Series. Madison WI, 2006.
St. Mary's College. Notre Dame IN, 2006.
International Botanical Congress. Vienna, Austria 2005.
University of Alaska Museum of the North. Fairbanks AK, 2005.
BioSystems Reading Group, University of Leeds. Leeds, U.K, 2004.
WildOnes Native Landscaping Conference, WildOnes Milwaukee Chapter Meetings, and Midwest Native Landscaping Conference. Oshkosh 2003, Milwaukee 2003, and Madison WI, 2002.
2nd International Conference on Uses and Systematics of Cyperaceae. Dover DE, 2002.
Madison Area Naturalists' Enrichment Series. Madison WI, 2001.
Wisconsin DNR State Parks Naturalist Training. Green Lake WI, 1998.

SELECTED EXTERNAL SERVICE

Scientific Committee, Global Botanic Gardens Congress 2027, 2024-2027
Council member at large, American Society of Plant Taxonomists (ASPT), 2021-2024
Awards committee, ASPT, 2022-2024 (Chair of committee, 2024)
Careers committee, American Society of Plant Taxonomists (ASPT), 2018-2020
Scientific committee, Fagaceae Genomics and Genetics Conference (IUFRO), Shanghai, 2017
Scientific committee, Genomics and Forest Tree Genetics Conference (IUFRO), Arcachon, 2016
Invited workshop / workgroup participant: *Oaks of the Americas Conservation Network synthesis meeting* (Morelia 2016), *Integration of Phylogenetic Comparative Methods in R* (NESCent, Durham NC, 2007), *Wisconsin DNR Floristic Quality Assessment Work Session* (Stevens Point WI, 2002), *U.S. Forest Service Population Viability Assessment Work Session* (Duluth MN, 2001)
Co-organizer, 8th International Oak Society Conference, Lisle IL, 2015
Managing Editor for *Systematic Botany*, 2013.
Associate Editor for *Systematic Botany*, 2008–2012.
Manuscript reviews for *American Journal of Botany*, *American Midland Naturalist*, *Annals of Botany, Bioinformatics*, *The Botanical Review*, *Canadian Journal of Botany*, *Ecological Restoration*, *Evolution*, *Genetics*, *Illinois Natural History Survey*, *Indiana Academy of Sciences*, *International Journal of Plant Sciences*, *Molecular Phylogenetics and Evolution*, *Nordic Journal of Botany*, *Plant Systematics and Evolution*, *Proceedings of the Biological Society of Washington*, *Monographs in Systematic Biology from the Missouri Botanical Garden*, *Systematic Biology*, *Systematic Botany*, *Taxon*, *University of Wisconsin Press*.
Reviewer, *National Wetland Plant List*, U.S. Army Corps of Engineers, 2010.
Web committee, American Society of Plant Taxonomists, 2007–2009.
Grant reviews for Institute for Museum and Library Services (Conservation program), Iowa Academy of Science, Louisiana State Board of Regents, NSF–Biological Research Collections, NSF–Population

and Evolutionary Processes, NSF-Systematic Systematic Biology; Invited panelist for IMLS National Leadership Grants, Advancing Digital Resources (2011).

International Cultivar Registration Authority for elms (*Ulmus*), 2006–2016.

Primary contact and lead role in ongoing development of vPlants, an online herbarium consortium for the greater Chicago region (www.vPlants.org; 2004–present).

RESEARCH SUPERVISING AND MENTORSHIP

Staff scientists supervised in my lab (full time salaried):

1. Lindsey Worcester (Herbarium Assistant, 2017—present).
2. Mira Garner (Research Assistant, 2017—2019). *Carex* DNA sequencing; oak genetics.
3. Andrea Miller (Research / Herbarium assistant, 2015–2017). Herbarium and Aquatic Invasive Plants TCN outreach
4. Mary-Claire Glasenhardt (Prairie Restoration Research Assistant, 2015–2020). Prairie restoration experiment.
5. Marlene Hahn (Research / Herbarium assistant, 2011–present). Oak, sedge, and maple biodiversity.
6. Bethany Brown (Research / Herbarium assistant, 2010–2015). Oak and sedge biodiversity.
7. Dr. Alka Srivastava (Research assistant, 2010): Gene flow in oaks.
8. Jaime Weber (Research assistant, 2005–2010): Systematics and molecular ecology of oaks, elms, sedges.
9. Jason Sturner (Herbarium assistant, 2005–2010): Flora of the Great Lakes; taxonomy of oaks.

Graduate students (* = advisor or co-advisor; % = visiting student, at least 3 months in our lab)

1. % Cesar Rodriguez, CIIDIR Durango, Mexico, visiting MS student, 2025: Science outreach
2. * Elanor Fuller, University of Chicago (Fall 2025; advisor): *Quercus*, ethnobotany
3. * Kieran Althaus, University of Chicago (Fall 2022-present; advisor): *Quercus*
4. * Senna Robeson, University of Chicago (Fall 2019-present; advisor): *Acer*
5. * Ryan Fuller, University of Chicago (2016–present; co-advisor)
6. % Rubén Martín Sanchéz, Centro de Investigación y Tecnología Agroalimentaria de Aragón, Spain (Fall 2023): *Quercus*
7. % Sofia Zorrilla Azcué, UNAM – Morelia (Fall 2022): *Quercus*
8. *% Shuai Liao, East China Normal University (2019-2021; U.S. advisor): *Ficus*
9. % Carmen Benitez-Benitez, Pablo de Olavide University, visiting PhD student 2018: *Carex* phylogenomics
10. % Saddan Morales, UNAM-Morelia, visiting PhD student 2018: *Quercus* phylogenomics
11. % Kasey Pham, Michigan State University, research fellow 2017: *Quercus* HybSeq marker development
12. % Ana Otero, Spanish National Research Council, Madrid, visiting PhD student, 2016: *Omphalodes* phylogenomics (RADseq)
13. % Monica Miguez, Pablo de Olavide University, visiting PhD student (2016): *Carex* phylogenetics
14. *% Dr. Uzma Qureshi, NUST-Islamabad, visiting PhD student, 2015-16, 2017-18: *Carex* phylogenetics, plastome sequencing
15. % Dr. Enrique Maguilla, Pablo de Olavide University, visiting PhD student, 2014, 2015, 2016-17: *Carex* phylogenomics (RADseq, HybSeq)
16. % Dr. Laia Barres, Institut Botanic de Barcelona, Visiting PhD student 2010: AFLPs in *Euphorbia*.
17. % Dr. Ian S. Pearse, UC–Davis, Visiting PhD student 2009, 2010, 2011: oak-insect interactions.

Additional graduate student committees

18. Adrienne Ernst, Northwestern University (2016–2021)
19. Dr. Rebecca Barak, Northwestern University (2014–2017)
20. Dr. Daniel Hooper, University of Chicago (2012–2016)
21. Dr. Percy Jinga, University of Illinois-Chicago (2015–2017)
22. Dr. Arpita Konar, Notre Dame University (2012–2016)
23. Aleksandar Radosavljevic, Northwestern University (2011–present)
24. Dr. Andrew Raduski, University of Illinois – Chicago (2012–2014)

25. Dr. Deren Eaton, University of Chicago (2010–2014)
26. Dr. Janet Backs, University of Illinois – Chicago (2010–2015)

Postdoctoral researchers:
1. Rebekah Mohn postdoctoral research, NSF-funded, 2023—2026: Dimensions of Biodiversity (oak syngameon)
2. Dr. Nisa Karimi, postdoctoral research, NSF-funded, 2019-2020: prairie restoration / phylogenetics
3. Dr. Elliott Gardner, NSF Postdoctoral Fellow, 2018-2019: comparative evolution of pollination mode
4. [%] Dr. Tamara Villaverde, Pablo de Olavide University, visiting PhD student (2015) and postdoctoral research (2015-16): *Carex* phylogenomics (RADseq, HybSeq)
5. Dr. Elisabeth Fitzek, 2012–2015: *Quercus* RAD-seq data analysis
6. [%] Dr. Marcial Escudero, Pablo de Olavide University, visiting PhD student (2008) and postdoctoral researcher (2010-2014): *Carex* chromosome evolution and phylogenetics.
7. Dr. Kyong-Sook Chung, postdoc 2009–2011: systematics of *Carex* subgenus *Vignea*.
8. Dr. Karin Kettenring, Short-term postdoc, 2006: Development of *Carex* microsatellites.

Visiting scientists (mid- or late-career)
1. Dr. Roberta Mason-Gamer, University of Illinois-Chicago: sabbatical research 2013
2. Dr. Ana Molina, University of León, visiting researcher 2010: *Carex* sequencing
3. Dr. Alison Mahoney, Mankato State University, sabbatical researcher 2007: Midwest sedges.

High school research interns (= RAHSS):*
1. Zachara Skubeszewski, 2020*
2. Eva Bednard, 2020*
3. Jozelle Arenz, 2019*
4. Zachary McDermott, 2019*
5. Alice Bieda, 2018*
6. Marion Deal, 2018*
7. Emily Grigg, 2017*
8. Seamus Flannery, 2017
9. Hayleigh Wagreich, 2016, 2017*
10. Elizabeth Eboli, 2015*
11. Rosemary Kallarackal, 2015*
12. Kasey Pham, 2014*
13. Alexa Cotton, 2012, 2013, 2014*

Undergraduate research interns:
1. Katerina Winkler, 2025 (NSF-REU)
2. Zoe Bugnaski, 2025 (NSF, D.O.B.)
3. Greta McNulty, 2024 (NSF, D.O.B.)
4. Katie Opila, 2024 (NSF-REU)
5. Malene Georgopulos, 2023 (Herbarium)
6. Nick Duncan, 2023 (NSF, D.O.B.)
7. Gabe Ribicoff, 2022-2024 (U of Chicago, NSF)
8. Charlene Kueterman, 2022 (Herbarium)
9. Jozelle Arenz, 2020 (NSF)
10. Norbaya Durr, 2020 (NSF)
11. Jorge Jaime-Rivera, 2020-2021, 2022 (NSF, CTS)
12. Alice Bieda (NSF-REU), 2019
13. Hayley Wagreich, 2019
14. Elizabeth Gibbons (2018, 2019)
15. Alyssa Barrantes (NSF-REU, 2018)
16. %Ashley Tuffin (2017-2018)
17. Amy Byrne (2017)
18. Sara Desmond (2017, 2018)
19. %Anayansi Solis (2016)
20. Kasey Pham (2014, 2015, 2016): Biodiversity informatics and phylogenomics, oaks and sedges
21. Nicholas Steichmann (2015): Oak population genetics
22. Mira Garner (2015, 2016): Prairie community ecology and restoration
23. Alexa Cotton (2013, 2014, 2015): *Quercus* projects and prairie
24. Geraldine Holmes (Undergraduate research intern, 2013): *Quercus mapping*
25. Stefan Mielke (Undergraduate research intern, 2013): *Quercus* AFLP
26. Alexa Cotton, 2013, 2014
27. Casey Perkins (Undergraduate research intern, 2012–2013): *Carex* morphology, *Quercus* mapping
28. Kate Lueders (Undergraduate research intern, NSF, 2012–2013): *Carex* and *Ulmus* systematics
29. Breane Budaitis (Undergraduate research intern, NSF, Ohio Wesleyan, 2012, 2013; REU 2014): Oak systematics. Contributions: development of an oak genotyping-by-sequencing library (2012); leader on oak AFLP phylogenetics (2013)

30. Susan Helford (Undergrad research intern, Lake Forest College, 2012): Oak morphometrics for 140 specimens.
31. Melanie Koto (Undergrad research intern, Illinois Institute of Technology, 2011): *Carex* DNA sequencing.
32. Sylwia Dakowicz (Undergrad research intern, Lake Forest College, 2011): AFLP oak phylogeny.
33. Natalie Kirchner (NSF-REU researcher, 2010): Online field and photomicrographs for 32 species *Carex*, published online through EOL – Lifedesks (carex.lifedesks.org; vignea.lifedesks.org)
34. Kara Moutvic (Undergrad research intern, NSF, Benedictine University, 2009): DNA sequencing and cytogenetics of *Carex*.
35. Andrew Bass (NSF-REU researcher, 2009): Microsatellite analysis of western North American *Carex*.
36. James Doss (Undergraduate research volunteer, EIU, 2008–2009): Morphometrics of black oak.
37. Andrew Gardner (NSF-REU researcher, UW–Madison, 2003–2004): Online Wisconsin *Carex* database of 40 species, including field and photomicrographs, online from 2004 through 2011. Images have subsequently been migrated to Encyclopedia of Life – Lifedesks (carex.lifedesks.org; vignea.lifedesks.org).
38. Joshua Ladwig (Botany undergraduate, UW-Madison, 2003–2004): greenhouse study of *Carex* stolonifery.
39. Nicolas Jelinski (NSF-REU researcher, UW–Madison, 2002–2004): *Croton alabamensis*. Publication: Van Ee et al. 2005.
40. Living collections interns (1–2 per summer, 1–2 weeks each year): 2005–current

Post-graduate research interns

Research interns / Research assistants, part time

1. Alison Branz, 2024 (NSF, D.O.B.)
2. Alex Krupa, 2024 (NSF, D.O.B.)
3. Aubrie Bogle, 2024 (Herbarium)
4. Leah Samuels, 2022-2023 (NSF, D.O.B.)
5. Rachel Gowett (Prairie intern, 2021)
6. Victoria Larsen (Prairie intern, 2019, 2020, 2021)
7. Ben Avis (Prairie intern, 2019, 2020)
8. Samantha Gray (oak genetics, 2019-2020)

K-12 teachers trained in our lab, 4-10 wks:

1. Amy Schwartz (NSF-TCN, 2017): using specimens in the classroom
2. James Rowe (NSF-TCN, 2017): using specimens in the classroom
3. Patricia Rowe (NSF-TCN, 2017): using specimens in the classroom
4. Lisa Hootman (NSF-TCN, 2017): using specimens in the classroom
5. Patrick Murphy (AP biology, NSF-RET, 2015): Prairie collaboration
6. Jeff Grant (AP biology, NSF-RET, 2013, 2015; NSF-TCN, 2017): Prairie collaboration; *Carex* morphology collaboration; *Quercus* AFLP phylogeny; Aquatic invasives biology
7. Sara Young (Secondary environmental biology, NSF-RET, 2013): *Carex* morphology
8. Sara Adams (Secondary biology, volunteer, 2013): *Carex* morphology
9. Donna Wetta (8^{th} grade teacher intern, 2011-2012; NSF-RET researcher, 2013): herbarium creation, prairie plant identification, *Carex* morphology.
10. Mina Rodriguez (NSF-RET researcher, 2010-2011): systematics of *Carex*; biodiversity teacher survey
11. Jill Henry (8^{th} grade science teacher, NSF-RET researcher, 2010): tree biology; molecular systematics
12. Scott Johnson (AP biology teacher, NSF-RET researcher, 2010): tree of life lab for high-school bio students
13. Amanda Rogers (2^{nd}-grade teacher, NSF-RET researcher, 2009): Integrating evolution into her curriculum.