CURRICULUM VITAE

PATRICK STEPHEN HERENDEEN

Senior Director, Systematics and Evolutionary Biology, and Senior Scientist Division of Plant Science and Conservation

Chicago Botanic Garden
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Citizenship: United States

EDUCATION:
Ph.D. Indiana University, Bloomington, Indiana. April, 1990
M.S. Michigan State University, East Lansing, Michigan. June 1985
B.S. California State University, Long Beach. June 1982

EMPLOYMENT:
Senior Director, Systematics and Evolutionary Biology (former title: Co-Director, Division of Plant Science and Conservation), Director of Academic Partnerships, and Senior Scientist, Chicago Botanic Garden. July 2008 – present.
Program Director, Systematic Biology and Biodiversity Inventories Cluster, Division of Environmental Biology, National Science Foundation. June 2006 – June 2008. [temporary "rotator" position]
Robert Griggs Associate Professor, Department of Biological Sciences, The George Washington University. June, 2003 – June 2008.
Robert Griggs Assistant Professor, Department of Biological Sciences, The George Washington University. September, 1997 – June, 2003.
Adjunct Curator, Department of Geology, The Field Museum, Chicago, IL. March, 1993 – August, 1997.
Postdoctoral Research Associate, Bailey Hortorium, Cornell University, Ithaca, NY. September 1991 – March 1993.
Postdoctoral Research Fellow, Swedish Museum of Natural History, Stockholm, Sweden. August 1990 – 1991.
Visiting Professor, Indiana University, Department of Biology, June – August, 1990.

PROFESSIONAL APPOINTMENTS:
Adjunct Professor, Weinberg College of Arts & Sciences and The Graduate School, Northwestern University, Evanston, IL. August 2008 – present
Lecturer, Committee on Evolutionary Biology, University of Chicago, Chicago, IL. October 2008 – present
Research Associate, National Museum of Natural History, Washington D.C. 1997 – 2010.
Research Associate, The Field Museum, Chicago, IL. December, 1993 – present.
Affiliate Professor, Department of Biology, George Mason University, Fairfax, VA. June, 2000 – 2004.

GRANTS- EXTRAMURAL:

National Science Foundation (DEB-1748286), 2018-2023. Exceptionally well-preserved fossil plants from the Jurassic and Early Cretaceous of Mongolia and China. P.I.s P. S. Herendeen, F. Herrera, and P. R. Crane. Funded, $567,730.

National Science Foundation (DEB- 1607201), 2016. A workshop to explore enhancing collaboration between US and Chinese researchers in systematic biology. P.I.s P. S. Herendeen, N. Zhang, A. Cognatto. Funded, $78,001.

National Science Foundation (DEB- 1501199), 2015-2016. Dissertation Research: Systematics, biogeography and taxonomy of the pantropical legume genus *Cynometra*. P.I.s P.S. Herendeen and A. Radosavljevic. Funded, $20,111.

National Science Foundation (DEB-1348456), 2014-2017. Exceptionally well-preserved Early Cretaceous seed plants from Mongolia. P.I.s P. S. Herendeen and P. R. Crane. Funded, $465,366.

US Department of Education, 2012-2015. GAANN: Graduate Training in Evolutionary Environmental Biology. PIs S. Kidwell, D. Jablonski, C. Moreau, M. LaBarbera, P. Herendeen, C. Johnson. University of Chicago, Committee on Evolutionary Biology. $1,594,010.

National Science Foundation (DEB-0935231), 2009-2011. Future Directions in Biodiversity and Systematics Research. P.I.s P. S. Herendeen, L. McDade, P. Sierwald. Funded, $99,817.

National Science Foundation (DEB-0408041), 2004-2006. Doctoral Dissertation Improvement Grant Phylogeny of caesalpinioid legumes from the Guyana Shield. P.I.s P. S. Herendeen, K. Redden. Funded, $11,975.

National Science Foundation, 2003-2009. Phylogeny and evolution of caesalpinioid legumes. P.I.s: P. S. Herendeen, A. Bruneau (Montreal), G. P. Lewis (Kew). Funded, $300,000.

National Science Foundation (DBI-0303143), 2003-2005. Capillary sequencer for the George Washington University campus. P.I.s M.W. Allard, F. J. Turano, G. Hormiga, L. C. Smith, P. S. Herendeen. Funded, $90,588.

National Science Foundation (DEB-0206512), 2002-2004. Doctoral Dissertation Improvement Grant Systematics of the neotropical plant genus *Alloplectus* (Gesneriaceae). P.I.s: P. S. Herendeen, J. Clark. Funded, $9,062.

National Science Foundation (RCN-0090283), 2001-2006. Research Coordination Network: "Deep Time" – A Comprehensive Phylogenetic Tree of Living and Fossil Angiosperms. P.I.s: D. Soltis, P. Soltis, P. Herendeen, D. Dilcher. Funded, $498,829.

National Science Foundation, 1999. Scanning Electron Microscope for Systematic Biology. P.I.s: G. Hormiga, P. S. Herendeen, J. M. Clark, D. E. Lieberman, D. L. Lipscomb. Funded, $118,274.

National Science Foundation (DEB-9527673), 1996-2001. Systematics and Paleobotany of the Legume Subfamily Caesalpinioideae. P.I.: P. S. Herendeen. Funded, $99,705.

National Science Foundation (EAR-9614672), 1997-1998. Assessing Cretaceous vegetational change: palynological, mesofossil and macrofossil evidence from the Atlantic Coastal Plain. P.I.s: P. R. Crane, P. S. Herendeen, R. A. Lupia. Funded, $127,988.

National Science Foundation (DEB-9616443), 1997-1998. Support for paleobotanical collections at Field Museum. P.I.s: P. R. Crane and P. S. Herendeen. Funded, $287,515

National Science Foundation, Division of International Programs (INT 9007619), August 1990-1991. P.I.: P. S. Herendeen. Funded, $32,756.

National Science Foundation Doctoral Dissertation Improvement Grant, (BSR 8800900), May 1988. Funded, $4,508.

Indiana Academy of Science Research Grant, October 1987.

Michigan Nature Conservancy, Small Grants Program, 1984.

GRANTS- INTRAMURAL:

Research Enhancement Fund, 2005-2008. $134,100. P.I.s G. Hormiga, P. Herendeen, J. Clark, D. Lipscomb, M. Allard, C. Church, P. Hernandez, J. Burns.

George Washington University Junior Scholar Award, 2001. $5,000.
George Washington University Junior Scholar Award, 2000. $5,000.
George Washington University: University Facilitating Fund and Junior Scholar Award, 1999.

HONORS AND AWARDS:
International Association for Plant Taxonomy. Elected President, Spring 2017. Term: 2017-2023.
American Society of Plant Taxonomists. Elected President-Elect, Spring 2013.
Botanical Society of America, Merit Award. 2013.
National Science Foundation, Director's Award of Excellence, 2008. [staff recognition award]
Distinguished Service Award, American Society of Plant Taxonomists, August, 2006.
Elected, The Washington Biologists' Field Club, April, 2002.
Elected, Fellow of the Linnean Society of London, February, 1997.
Isabel Cookson Award, Paleobotanical Section, Botanical Society of America, Aug., 1990
Bayard Franklin Floyd Memorial Fellowship, Indiana University: 1988-1989
Floyd Fellowship, Indiana Univ.: Summer 1988, 1987, 1986
Indiana University, Department of Biology. Travel Awards: 1989, 1988, 1986
Michigan State University, College of Natural Sciences, Travel Award, 1984

MEMBERSHIP IN PROFESSIONAL SOCIETIES:
American Association for the Advancement of Science
American Society of Plant Taxonomists
Botanical Society of America
International Association for Plant Taxonomy
International Organisation of Palaeobotany

INVITED SEMINARS:
California Botanic Garden, "Fossil papilionoids of the Bowdichia clade (Leguminosae) from the Paleogene of North America," 23 March 2023.
North Carolina State University, "Early Cretaceous Age Fossil Plants from Mongolia," 7 February, 2023.
EvMorph seminar, University of Chicago, "Early Cretaceous Age Fossil Plants from Mongolia," 18 February, 2016.
Earth Science Club of Northern Illinois, College of Du Page, "Early Angiosperm Evolution," 13 November 2015.
Legume Morphology, an international symposium and workshop, Botucatu, Brazil, "Morphology in phylogenetic analyses: some practical considerations," 2-5 November, 2015.
Symposium following International Prize for Biology presentation, "Pre-Angiosperm Vegetation of the mid-Mesozoic," Tokyo, Japan. 2 December, 2014.
Latin American Botanical Congress, symposium: 20 years of molecular systematics in legumes: reconciling DNA and morphology into a new classification system. "Fossil history and early diversification of Leguminosae." 24 October, 2014, Salvador, Brazil.
Rotary Club, Glenview, IL. Studies of Fossil Flowers using Synchrotron X-Ray Microtomography (and information about research and education at Chicago Botanic Garden)." April 24, 2014.
Missouri Botanical Garden. "Evolution of flowering plants." August, 2013.
Chicago Plant Science Symposium. "Synchrotron x-ray microtomography in studies of fossil flowers." April 20, 2013.
Indiana University South Bend, "Evolution of flowering plants; Research, education and internship opportunities at Chicago Botanic Garden," November, 2012.
American Society of Botanical Artists, "Paleobotany and the Role of (Paleo)botanical Art," October, 2012.

Adlai Stevenson High School, Lincolnshire, IL. Science careers presentation, "Research in plant paleontology" May, 2011 and 2012

Illinois State University, School of Biological Sciences. "Early evolution of flowering plants," January, 2011.

Jr. Science Café, Northwestern University. Lecture to middle school and high school students on "Plant fossils and climate change." November, 2010.

Adlai Stevenson High School, Lincolnshire, IL. Science careers presentation, "Research, education and internship opportunities at Chicago Botanic Garden." May, 2010

Knox College, Department of Biology, "Research, education and internship opportunities at Chicago Botanic Garden." May, 2010.

University of Wisconsin Oshkosh, Department of Biology, "Early evolution of flowering plants; Research and internship opportunities at Chicago Botanic Garden," February, 2010.

Loyola University Chicago, Department of Biological Sciences, "Evolution of flowering plants," November, 2009.

California State University Long Beach, Department of Biological Sciences, "Evolution of flowering plants," October, 2009.

University of Illinois Chicago, Department of Biological Sciences, "Evolution of flowering plants," September, 2009.

University of Chicago, "Systematics, evolution and biogeography of the legume family" October, 2008.

Department of Earth and Planetary Sciences, Northwestern University, "Evolution of flowering plants," October, 2008.

Field Museum, "Evolution of flowering plants," September, 2008.

Paleofest, University of Florida, "Fossil history of the Leguminosae," March, 2006.

Department of Botany, Smithsonian Institution, "Reproductive structures of Leguminosae: phylogenetic and paleobotanical utility." 31 October, 2005.

University of Maryland "Early evolutionary history of flowering plants," October, 2004.

Department of Biological Sciences, George Washington University, "Early fossil history of flowering plants," 12 September, 2003.

Department of Biology, Georgetown University, "Early fossil history of flowering plants," 15 March, 2003.

Flowers: Diversity, Development & Evolution, "Floral morphology in caesalpinioid legumes: testing the monophyly of the *Umtiza* clade," 5-7 July, 2002, Zurich, Switzerland.

Department of Biology, Virginia Commonwealth University, "Early fossil history of flowering plants," 15 April, 2002.

Department of Geography, George Washington University, "Biogeography of Leguminosae in Africa," 6 March, 2001.

Institut de recherché en biologie végétale (Univ. Montréal), "Early evolutionary history of flowering plants," 2 February 2001.

Harvard University Herbaria, "Early evolution of flowering plants," 1 February, 2000.

Department of Geology, The George Washington University, "Fossil flowers from the Atlantic Coastal Plain," 3 March, 1999.

Department of Paleontology, National Museum of Natural History, "Fossil flowers from the Atlantic Coastal Plain," 25 March, 1999.

Botanical Society of Washington, "Early fossil history of flowering plants", 3 March, 1998.

Department of Botany, National Museum of Natural History, "Phylogeny and history of the Leguminosae," 25 September, 1997.

Department of Biological Sciences, The George Washington University, "Fossil history of flowering plants," 26 September, 1997.

Laboratory of Molecular Systematics, National Museum of Natural History, "Fossil history of flowering plants," 13 November, 1997.

PROFESSIONAL SERVICE- PUBLISHING:

Editor, *International Journal of Plant Sciences*. 2008 – 2020.
Editor in Chief, *International Journal of Plant Sciences*. 2013 – 2017.
Editorial Board, *Aliso*. 2014 – present.
Subject Editor (paleobotany, legume systematics), *PhytoKeys*. July 2011 - present
Editor-in-Chief, *Systematic Botany*. September 2002 – December 2006.
Managing Editor, *Systematic Botany*. December 1998 – August 2002.
Consejeros Editoriales, *Revista Mexicana de Biodiversidad*. August 2005 – 2008.
Botanical Society of America, Publications Committee. September 2002 – 2006 (chair 2004-2006).
Editorial Board, Journal of Plant Research. 1999 – 2006.
Editor, *Bibliography of American Paleobotany*. Published by the Paleobotanical Section, Botanical Society of America. 1996 – 2000.

PROFESSIONAL SERVICE- CONFERENCES AND WORKSHOPS:

Co-organizer (with Gongle Shi, Nanjing, China and Fabiany Herrera, Field Museum), symposium on New Data on Mesozoic Gymnosperms. European Palaeobotany and Palynology Conference 2022. Stockholm, June 2022.
Co-organizer (with Richard Ree and Andrew Hipp), Chicago Plant Science Symposium. April 13, 2019. "What's gene flow got to do with it? How hybridization impacts the evolution and conservation of plant biodiversity," The Field Museum.
Co-organizer (with Elliot Gardner, Richard Ree and Andrew Hipp), Chicago Plant Science Symposium. April 8, 2018. "The Role of Indigenous Knowledge in Biodiversity Science." The Field Museum.
Co-organizer (with Gongle Shi, Nanjing, China), symposium on "New Data on Early Cretaceous Seed Plants," International Botanical Congress, Shenzhen, China, July 2017.
Co-organizer (with Richard Ree and Andrew Hipp), Chicago Plant Science Symposium. April 8, 2017. "Genomic Insights into Plant Ecology and Evolution." The Field Museum.
Co-organizer (with Richard Ree and Andrew Hipp), Chicago Plant Science Symposium. April 16, 2016. "The Science of Conservation." The Field Museum.
Organizer, A workshop to explore enhancing collaboration between US and Chinese researchers in systematic biology. Guangzhou, China, February 2016. Funded by NSF.
Co-organizer (with Richard Ree and Andrew Hipp), Chicago Plant Science Symposium. April 19, 2015. "Collections at the Forefront of Plant Science." The Field Museum.
Co-organizer (with Richard Ree), Chicago Plant Science Symposium. April 19, 2014. "Symbioses." The Field Museum.
Co-organizer (with Richard Ree and Andrew Hipp), Chicago Plant Science Symposium. April 20, 2013. "Old questions, new tools." The Field Museum.
Organizer, Discussion session on developing a new classification for the Leguminosae. Sixth International Legume Conference, Johannesburg, South Africa, January, 2013.
Co-organizer (with Richard Ree), Chicago Plant Science Symposium. April 20, 2012. "Major evolutionary transitions." The Field Museum.
Co-organizer (with Anne Bruneau), Symposium "An overview of legume systematics: toward a phylogenetic classification of the family," International Botanical Congress, Melbourne, Australia. July, 2011
Co-organizer (with Richard Ree), Chicago Plant Science Symposium. April 16, 2011. "Species: from concepts to conservation." The Field Museum.
Workshop series, 2009-2010. "Future Directions in Biodiversity and Systematics Research." Organizers P. S. Herendeen, L. McDade, P. Sierwald. Funded by NSF.
Program Director, American Society of Plant Taxonomists, August 2006 – 2013.
Organizer & moderator- "Is morphology dead in phylogenetic analyses?" Panel discussion of the role of morphology in phylogenetic systematics. Botany 2004, Snowbird, Utah. August, 2004 [panel

members: Robert Scotland, Richard Olmstead, James Doyle, Walter Judd]. Sponsored by the "Deep Time" RCN project.

Organizer & moderator, symposium on "Missing data in phylogenetic analysis." Deep Time meeting, George Washington University, April, 2004.

Co-organizer (with Peter R. Crane), Symposium, "Dating in the 21st Century: theory and reality in finding a date for your clade," Botany 2003, Mobile, Alabama. July, 2003.

Organizer, Midcontinent Paleobotanical Colloquium, June, 2001. George Washington University.

Co-organizer (with Anne Bruneau, Gwilym Lewis), Symposium, "Phylogenetic relationships in Caesalpinioideae," 3rd International Legume Conference, Canberra, Australia. July, 2001.

Co-organizer (with Anne Bruneau), Symposium, "Phylogenetic relationships in Caesalpinioideae: evidence from multiple sources of characters," 16th International Botanical Congress, St. Louis, MO. August, 1999.

Co-organizer (with Peter R. Crane), 44th Annual Systematics Symposium, Missouri Botanical Garden- "The origin of modern terrestrial ecosystems: fossils, phylogeny and biogeography" 17-18 October, 1997.

Organizing Committee member, Field Trip Coordinator, and Field Trip Organizer for the Fifth Conference of the International Organisation of Palaeobotany, Santa Barbara, California, June-July, 1996.

PROFESSIONAL SERVICE- OTHER:

President, International Association for Plant Taxonomy, 2017-2023.

Chair, International Association of Botanical and Mycological Societies, 2017-2023.

Past President, American Society of Plant Taxonomists, 2015-2016.

President, American Society of Plant Taxonomists, 2014-2015.

President-Elect, American Society of Plant Taxonomists, 2013-2014.

Organizer, Roundtable Discussion, "Electronic publication: is it time to kiss our paper journals goodbye?" Botany 2012. http://2012.botanyconference.org/engine/search/index.php?func=detail&aid=860.

Editorial Committee, International Code of Nomenclature for algae, fungi, and plants (Melbourne Code). International Association for Plant Taxonomy, December, 2011.

Decennial Review Committee, Botany Program of Claremont Graduate University at Rancho Santa Ana Botanic Garden. February 2-3, 2009.

Science Chicago, Saturday Science series (lecture and lab experience for the general public): "Exploring Plants in the Fossil Record." March, 2009.

National Science Foundation, rotating program officer, Systematic Biology and Biodiversity Inventories Cluster, June 2006 – June 2008.

Smithsonian Institution, Undersecretary for Science Restricted Endowment Review Panel Member (grant proposal review panel), October, 2005.

National Museum of Natural History (Smithsonian Institution), Professional Accomplishments Evaluation Committee (PAEC; equivalent of university promotion and tenure committee), December, 2004.

National Science Foundation, Systematics panel member, 2005.

National Science Foundation, Biotic Surveys and Inventories panel member, 2003.

Nomenclature Committee on Fossil Plants, Member, September 2002 – present; Secretary 2005 – present.

Award Committee Member for the "Cuatrecasas Medal," which is awarded annually during the Smithonian's spring Botanical Symposium. 2000 – 2004.

Botanical Society of America Representative to AAAS. 2000 – 2003.

Chair, Paleobotanical Section, Botanical Society of America. 1997 – 1998.

American Society of Plant Systematists, Systematic Collections Committee, 1996 – 1999; Chair (1998 – 1999).

Consulting on fossil plant article in the "*Visual Dictionary of Prehistoric Life*," (1995), Dorling Kindersley, London.

Consulting on "Garden Primeval" exhibit, U. S. National Botanic Garden, Washington DC (1998).

DEPARTMENT AND INSTITUTION SERVICE:

Chicago Botanic Garden

Meet a Scientist lecture for science teacher professional development, 13 November, 2021.
Science Review Committee, September-December, 2021.
Planning team member for "Brazil in the Garden," January-September, 2017.
World Environment Day presentation, "Plant paleontology: a window into environments of the past." June 4, 2011.
World Environment Day presentation, "Using Herbarium Collections in Research." June 5, 2010.
"Exploring plants in the fossil world" workshop for "Science Saturdays" program (sponsored by Science Chicago). One day workshop for general public. March 20, 2009.

George Washington University

Earth and Environmental Sciences Study Group (faculty committee to study closure of Dept. Earth and Environmental Sciences; reports to Dean of CCAS). Summer 2004 – 2005.
Faculty advisor for "Freshman Advising Workshop," Fall, 2000.
Organizer for departmental seminar series: 1998-1999, Fall semester 2001.
Gelman Library representative for Department of Biological Sciences (1998 – present).
Maintenance of Scanning Electron Microscope and auxiliary equipment and training of new users for Department of Biological Sciences, jointly with Dr. Gustavo Hormiga (2000 – present)
Participated in Scholars Showcase, The George Washington University, "Fossil flowers of the Atlantic Coastal Plain," 25 March, 1998.

Field Museum

Academic Affairs Management Group (Field Museum): 1994 – 1997.
Planned and supervised move of cryptogam collections (Botany) and paleobotanical collections (Geology) and selection and installation of compactorized storage system (Field Museum, 1996 – 1997).
Review Committee member for review of Field Museum library (1995).

GRADUATE STUDENTS- PRIMARY ADVISOR:

David Iglesias, Northwestern University, Major Professor. Ph.D. student, September 2022 - present
Nora Gavin-Smyth, Northwestern University, Major Professor. Ph.D. student, September 2018 - present
Maya Bickner, Northwestern University, Major Professor. M.S. student, graduated December 2021.
Aleks Radosavljevic, Northwestern University, Major Professor. Ph.D. student, September 2010 - 2021
Colleen Michael, Northwestern University, Major Professor. M.S. student, 2010 - 2013
Vinita Gowda, George Washington University. Major Professor. Ph.D. student, graduated June 2009.
Karen Redden, George Washington University. Major Professor. Ph.D. student, graduated August 2006.
John Clark, George Washington University. Major Professor. Ph.D. student, graduated January 2005.
Kathleen Johnson, George Washington University. Major Professor. M.S. student, graduated Dec. 2003.
Anastasia Konopka, University of Illinois at Chicago. Major Professor. M.S. student, graduated Spring 1997

GRADUATE STUDENTS- THESIS COMMITTEE MEMBER OR EXAMINER:

Elliot Gardner, Northwestern University, Committee Member. Ph.D. student, 2012-2018.
Jonah Choiniere, GWU Ph.D. committee member, 2005 – 2008
Robert Javonillo, GWU Ph.D. committee member, 2004 – 2008
Sayantan Biswas, GWU Ph.D. committee member, 2003 – 2008
Michael Malia, GWU. Ph.D. dissertation reader & exam committee.
Jeremy Miller, GWU. Ph.D. dissertation reader & exam committee.
Ginny Emerson, GWU. Ph.D. dissertation reader & exam committee, graduated spring 2002

Brian Andres, GWU. M.S. thesis reader and exam committee, graduated summer 2002.
Maureen Kearney, GWU. Ph.D. exam committee, graduated 2000
Karin Herrmann, GWU. Ph.D. committee member, Fall 2000 – 2003.
Marie Fougère, Université de Montréal and Université Paul Sabatier de Toulouse. Advisory Committee Member. Ph.D. student. 2001 – 2006.
Helena Eklund, University of Uppsala, Sweden. External examiner for Ph.D. dissertation defense. December, 1999.
Malin Hibbs, University of Maryland, College Park. Advisory Committee Member. Ph.D. student. 1998– 2003.

TEACHING:

Northwestern University
Plant Evolution and Diversity (PBC 401/Biolsci 350; Fall 2010, Winter 2012- 2023).
The Nature of Plants (Biolsci 109; Spring, 2010, 2011). Undergraduate "distribution" elective; 130 students (2010), 200 students (2011).

The University of Chicago:
Advanced Topics in Ethics for the Darwinian Sciences (co-taught with Mike Coates and Shannon Hackett), Spring 2014, Winter quarter 2016, 2018
Angiosperm Diversity and Phylogeny (co-taught with Peter R. Crane, Spring, 1995)

The George Washington University:
Phylogenetic Systematics (BiSc 210; Fall, 2004 with G. Hormiga)
Biogeography and Coevolution (BiSC 211; Fall, 1998, 1999, 2001)
Diversity and History of Plants (BiSc 222; Fall, 2000, 2002)
Diversity and Phylogeny of Flowering Plants (BiSc 223, Fall, 2001)
Freshman Advising Workshop (Fall, 2000)

The Swedish Museum of Natural History:
Graduate seminar: The International Code of Botanical Nomenclature

Indiana University- Visiting Professor:
Summer Flowering Plants: Summer 1990

Indiana University- Associate Instructor:
Paleobotany: Spring 1990; Special Topics in Plant Systematics (Angiosperm Systematics): Fall 1987, 1989; Vascular Plants: Spring 1987, 1988; Introductory Biology: Spring 1985, Fall 1986; Biology for nonmajors: Fall 1985; Teaching Assistant,

Michigan State University:
Plant Morphology: Fall 1984, Winter 1985; Plant Ecology: Spring 1983, 1984, 1985; Botany for nonmajors: Fall 1984; Introductory Biology: Winter 1983, 1984

PH. D. DISSERTATION:

Fossil History of the Leguminosae from the Eocene of Southeastern North America. Indiana University, Bloomington. April 1990. Dissertation advisor: D. L. Dilcher

M. S. THESIS:

The Alvars of the Maxton Plains, Drummond Island, Michigan: Present Community Composition and Vegetation Changes. Department of Botany and Plant Pathology, Michigan State University, June 1985. Thesis advisor: S. N. Stephenson.

PUBLICATIONS, BOOKS/SYMPOSIUM VOLUMES:

Turland, N. J., Wiersema, J. H., Barrie, F. R., Greuter, W., Hawksworth, D. L., Herendeen, P. S., Knapp, S., Kusber, W.-H., Li, D.-Z., Marhold, K., May, T. W., McNeill, J., Monro, A. M., Prado, J., Price, M. J.

& Smith, G. F. (eds.) 2018: *International Code of Nomenclature for algae, fungi, and plants (Shenzhen Code) adopted by the Nineteenth International Botanical Congress Shenzhen, China, July 2017*. Regnum Vegetabile 159. Glashütten: Koeltz Botanical Books.

Wiersema, J. H., J. McNeill, N. J. Turland, F. R. Barrie, W. R. Buck, V. Demoulin, W. Greuter, D. L. Hawksworth, P. S. Herendeen, S. Knapp, K. Marhold, J. Prado, W. F. Prud'homme van Reine, G. F. Smith, 2015. International Code of Nomenclature for algae, fungi, and plants (Melbourne Code).Appendices II-VIII. Regnum Vegetabile 157. Koeltz Scientific Books.

McNeill, J., F. R. Barrie, W. R. Buck, V. Demoulin, W. Greuter, D. L. Hawksworth, P. S. Herendeen, S. Knapp, K. Marhold, J. Prado, W. F. Prud'homme van Reine, G. F. Smith, J. H. Wiersema, N. J. Turland, 2012. International Code of Nomenclature for algae, fungi, and plants (Melbourne Code). Regnum Vegetabile 154. Koeltz Scientific Books.

Herendeen, P. S. and A. Bruneau, Editors. 2000. *Advances in legume systematics*, *part 9*. Royal Botanic Gardens, Kew.

Crane, P. R. and P. S. Herendeen, Editors 1999. *The Origin of Modern Terrestrial Ecosystems: Fossils, Phylogeny and Biogeography*. Annals of the Missouri Botanical Garden 86(2).

Herendeen, P. S. and D. L. Dilcher, Editors. 1992. *Advances in Legume Systematics, part 4. The Fossil Record*. Royal Botanic Gardens, Kew.

PUBLICATIONS, PEER-REVIEWED ARTICLES:

Bickner, M.A., Herrera, F., Shi, G., Ichinnorov, N., Crane, P.R., and Herendeen, P.S. In Review. *Mongolitria*: a new Early Cretaceous three-valved seed from northeast Asia. American Journal of Botany.

Pan, A.D., B.F. Jacobs, E.D. Currano M. de la Estrella, P.S. Herendeen, X.M. van der Burgt. In Press. A fossil *Anthonotha* (Leguminosae: Detarioideae: Amherstieae) species from the Early Miocene (21.73 Ma) of Ethiopia. American Journal of Botany.

Herendeen, P.S. and A. Bruneau. In Press. Tribe Gleditsieae. In Advances in Legume Systematics 14. Classification of Caesalpinioideae. Part 2. Higher level classification. A. Bruneau, L. Paganucci de Queiroz, J.J. Ringelberg, eds. PhytoKeys.

Pan, A.D., B.F. Jacobs, R.T. Bush, M. de la Estrella, F. Grímsson, P.S. Herendeen, X.M. van der Burgt, E.D. Currano. 2023. First evidence of a monodominant (*Englerodendron*, Amherstieae, Detarioideae, Leguminosae) tropical moist forest from the Early Miocene (21.73 ma) of Ethiopia. PlosONE. https://doi.org/10.1371/journal.pone.0279491

Shi, G., F. Herrera, P.S. Herendeen, E.G. Clark, P.R. Crane. 2022. Silicified cupulate seed-bearing structures from the Early Cretaceous of eastern Inner Mongolia, China: rethinking the corystosperm concept. Journal of Systematic Palaeontology http://dx.doi.org/10.1080/14772019.2022.2133644.

Gravendyck, J., R.A. Fensome, M.J. Head, P.S. Herendeen, J.B. Riding and N.J. Turland. 2022. (142–148) Proposals to improve the definition, utility, and curation of (type) specimens of fossil algae, fungi, and plants. Taxon 71: 705-706.

Herendeen, P.S., M.A. Bickner, E. Bugdaeva, S. Naugolnykh, and E. Kostina. 2022. The problematic genus *Problematospermum*. Taxon. https://doi.org/10.1002/tax.12722

Herendeen, P.S., D.B.O.S. Cardoso, F. Herrera, and S.L. Wing. 2022. Fossil papilionoids of the Bowdichia clade (Leguminosae) from the Paleogene of North America. American Journal of Botany 109: 130-150. DOI: https://doi.org/10.1002/ajb2.1808

Dong, C., G. Shi; F. Herrera; Y. Wang; Z. Wang; B. Zhang; X. Xu; P. S. Herendeen; P. R. Crane. 2021. Leaves of Taxus with cuticle micromorphology from the Early Cretaceous of eastern Inner Mongolia,

Northeast China. Review of Palaeobotany and Palynology 298: 104588. https://doi.org/10.1016/j.revpalbo.2021.104588

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