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EDUCATION AND PROFESSIONAL HISTORY

- 2017 – Assistant Professor, Boyce Thompson Institute
2017 – Adjunct Assistant Professor, Plant Biology Section, Cornell University
2016 – 2017 Postdoctoral Researcher, University of Zurich
Advisor: Peter Szövényi
2015 – 2016 Postdoctoral Researcher, UC Berkeley and Duke University
Advisor: Carl Rothfels and Kathleen Pryer
2010 – 2015 Ph.D., Department of Biology, Duke University
Advisor: Kathleen Pryer
2009 – 2010 Tank platoon commander/Ammunition officer, 2nd lieutenant, ROC Army, Taiwan
2005 – 2009 B.S., Department of Life Science, National Taiwan University

PUBLICATIONS (lab members in **bold**)

2022

Huang, X.* , W. Wang*, T. Gong*, **D. Wickell***, L.-Y. Kuo, X. Zhang, J. Wen, H. Kim, F. Lu, H. Zhao, S. Chen, H. Li, W. Wu, C. Yu, S. Chen, W. Fan, S. Chen, X. Bao, L. Li, D. Zhang, L. Jiang, X. Yan, Z. Liao, G. Zhou, Y. Guo, J. Ralph, R.R. Sederoff, H. Wei#, P. Zhu#, **F.-W. Li#**, R. Ming#, Q. Li#. 2022. The flying spider-monkey tree fern genome provides insights into fern evolution and arborescence. **Nature Plants** 8: 500–512.

Cover *Equally contributed; #Corresponding authors

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Marchant, D.B., G. Chen, S. Cai, F. Chen, **P. Schafran**, J. Jenkins, S. Shu, C. Plott, J. Webber, J. Lovell, G. He, L. Sandor, M. Williams, S. Rajasekar, A. Healey, K. Barry, Y. Zhang, E. Sessa, R. Dhakal, P. Wolf, A. Harkess, **F.-W. Li**, C. Rössner, A. Becker, L. Gramzow, D. Xue, Y. Wu, T. Tong, Y. Wang, F. Dai, S. Hua, H. Wang, S. Xu, F. Xu, H. Duan, G. Theißen, R.J. Schmitz, D. Stevenson, C. Zumajo-Cardona, B.A. Ambrose, J.H. Leebens-Mack, J. Grimwood, J. Schmutz, P.S. Soltis, D.E. Soltis, Z.H. Chen. 2022. Ancient yet dynamic: the evolution of a fern genome. **Nature Plants**. in press.

Robison, T.A., J.M. Nelson, D.A. Hauser, L.A. Lewis, **F.-W. Li**. 2022. Dynamic plastid and mitochondrial genomes in Chaetopeltidales (Chlorophyceae) and characterization of a new chlorophyte taxon. **American Journal of Botany** 6: 939–951.

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Ke, B.-F., G.-J. Wang, P.H. Labiak, G. Rouhan, Goflag Consortium, C.-W. Chen, L. Shepherd, D.J. Ohlsen, M.A.M. Renner, K.G. Karol, **F.-W. Li**, **L.-Y. Kuo**. 2022. Systematics and plastome evolution in Schizaeaceae. **Frontiers in Plant Science** 13: 885501.

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Neubauer, A., S. Ruaud, M. Waller, E. Frangedakis, **F.-W. Li**, S.I. Nötzold, S. Wicke, A. Bailly, P. Szövényi. 2022. Step-by-step protocol for isolation and transient transformation of hornwort protoplasts. **Applications in Plant Sciences** 10: e11456.

Petlewski, A.R., A. Patterson*, F.-W. Li. 2022. Characterizing culturable bacterial endophytes of five Lycopodiaceae species. **American Fern Journal** 112: 79–92. *BTI summer REU student

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Powell, A.F. J. Zhang, **D.A. Hauser**, J. Vilela, A. Hu, D.J. Gates, L.A. Mueller, **F.-W. Li**, S. Strickler, S.D. Smith. 2022. Genome sequence for the blue-flowered Andean shrub *Lochroma cyaneum* reveals extensive discordance across the berry clade of Solanaceae. **The Plant Genome** e20223.

Chatterjee, P., **P. Schafran, F.-W. Li**, J.C. Meeks. *Nostoc* talks back: Differential gene expression during nitrogen starvation of *Anthoceros* and establishment of its symbiosis with *Nostoc*. **Molecular Plant-Microbe Interactions**. in press.

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2020

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Bouchard, R., Peñaloza-Bojacá, G., S. Toupin, Y. Guadalupe, J. Gudiño, N. Salazar Allen, **F.-W. Li**, J.C. Villarreal. 2020. Contrasting bacteriome of the hornwort *Leiosporoceros dussii* in two nearby sites with emphasis on the hornwort-cyanobacterial symbiosis. **Symbiosis** 81: 39–52.

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2019

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Li, F.-W. and S. Mathews. 2019. Phylogenetic method to study light signaling. In A. Hiltbrunner (Ed.), *Phytochromes: Methods and Protocols*. Springer Nature (New York).

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Yang, E. J., C. Y. Yoo, J. Liu, H. Wang, J. Cao, **F.-W. Li**, K.M. Pryer, T.-P. Sun, D. Weigel, P. Zhu, M. Chen. 2019. NCP activates chloroplast transcription by controlling phytochrome-dependent dual nuclear and plastidial switches. *Nature Communications* 10: 2630.

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2018

Li, F.-W., P. Brouwer, L. Carretero-Paulet, S. Cheng, J. de Vries, P.-M. Delaux, A.N. Eily, N. Koppers, L.-Y. Kuo, Z. Li, M. Simenc, I. Small, E. Wafula, S. Angarita, M.S. Barker, A. Braeutigam, C. dePamphilis, S. Gould, P.S. Hosmani, Y.-M. Huang, B. Huettel, Y. Kato, X. Liu, S. Maere, R. McDowell, L.A. Mueller, K.G.J. Nierop, S.A. Rensing, T. Robison, C.J. Rothfels, E.M. Sigel, Y. Song, P.R. Timilsina, Y. Van de Peer, H. Wang, P. K.I. Wilhelmsson, P.G. Wolf, X. Xu, J.P. Der, H. Schlupepmann, G.K.-S. Wong, and K.M. Pryer. 2018. Fern genomes elucidate land plant evolution and cyanobacterial symbioses. *Nature Plants* 4: 460–472. [Cover](#)

Featured in: [Discover Magazine](#), [Mongabay](#), [Cosmos](#), [Earth.com](#), [Quartz](#), [Yale Environmental 360](#), [Cornell Chronicle](#), [Faculty of 1000](#), [Nature Plants News & Views](#)

Li, F.-W., and A. Harkess. 2018. A guide to sequence your favorite plant genomes. *Applications in Plant Sciences* 6: e1030.

Kuo, L.-Y., X Qi, H. Ma, F.-W. Li. 2018. Order-level fern plastome phylogenomics: new insights from Hymenophyllales. *American Journal of Botany* 105: 1545–1555.

Song, M*, **L.-Y. Kuo***, L. Huiet, K.M. Pryer, C.J. Rothfels, **F.-W. Li**. 2018. A novel chloroplast gene reported for flagellate plants. **American Journal of Botany** 105: 117–121.

*Equally contributed

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Huiet, L., **F.-W. Li**, T.-T. Kao, J. Prado, A.R. Smith, E. Schuettpelz, K.M. Pryer. 2018. A worldwide phylogeny of *Adiantum* (Pteridaceae) reveals remarkable convergent evolution in leaf blade architecture. **Taxon** 67: 488–502.

Cheng, S., M. Melkonian, S. Smith, S. Brockington, J.M. Archibald, P.-M. Delaux, **F.-W. Li**, B. Melkonian, E.V. Mavrodiev, W. Sun, Y. Fu, H. Yang, D.E. Soltis, S.W. Graham, P.S. Soltis, X. Liu, X. Xu, G.K.-S. Wong. 2018. 10KP: A phylodiverse genome sequencing plan. **GigaScience** 7: giy013.

Kuo L.-Y., T.-Y. Tang, **F.-W. Li**, H.-J. Su, W.-L. Chiou, Y.-M. Huang, C.-N. Wang. 2018. Organelle genome inheritances in *Deparia* ferns (Athyriaceae, Aspleniineae, Polypodiales). **Frontiers in Plant Science** 9: 486.

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2017

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2014

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Li, F.-W., K.M. Pryer, M.D. Windham. 2012. *Gaga*, a new genus segregated from *Cheilanthes* (Pteridaceae). **Systematic Botany** 37: 845-860.

Featured in: [New York Times](#), [Rolling Stone](#), [Huffington Post](#), [Wired](#), [The Guardian](#)

Li, F.-W., L.Y. Kuo, C.J. Rothfels, A. Ebihara, W.L. Chiou, M.D. Windham, K.M. Pryer. 2011. *rbcL* and *matK* earn two thumbs up as the core DNA barcode for ferns. **PLoS One** 6: e26597.

Li, F.-W. 2011. Book review: Knapp, Ralf. 2011. Ferns and Fern Allies of Taiwan. **Taxon** 60: 1233-1234.

Kuo*, L.Y., **F.-W. Li***, W.L. Chiou, C.N. Wang. 2011. The first insight into fern *matK* phylogeny. **Molecular Phylogenetics and Evolution** 59: 556–566.

*Equally contributed

Li*, F.-W., L.Y. Kuo*, Y.M. Huang, W.L. Chiou, C.N. Wang. 2010. Tissue-Direct PCR, a rapid and extraction-free method for barcoding of ferns. **Molecular Ecology Resources** 10: 92–95.

*Equally contributed

Li, F.-W., B.C. Tan, V. Buchbender, R.C. Moran, G. Rouhan, C.N. Wang, D. Quandt. 2009. Identifying a mysterious aquatic fern gametophyte. **Plant Systematics and Evolution** 281: 77–86.

FUNDING

LEAD PI ON 3 NSF GRANTS TOTALING \$3,452,208 (\$2,243,151 TO BTI)

External competitive funding

NSF MCB Cellular Dynamics and Function | From phylogeny to biomolecules: a cross-scale approach to understand the making of a unique carbon-concentrating mechanism in hornworts (2213841)

\$1,072,924 (2022.6.1 – 2025.5.31), Li portion: \$503,654

PI: Fay-Wei Li, Laura Gunn (Cornell Plant Biology)

NSF IOS EDGE | Developing transformation capacity for *Anthoceros agrestis* to facilitate gene function studies in hornworts, a remarkable phylum of plants (1923011)

\$548,419 (2019.9.1 – 2022.8.31)

PI: Fay-Wei Li

Co-PI: Joyce Van Eck (BTI)

NSF DEB Dimensions of Biodiversity | Integrating phylogenetics, ecophysiology, and transcriptomics to understand the diversity of hornwort-cyanobacterium symbiosis (1831428)

\$1,830,855 (2019.1.1 – 2023.12.31), Li portion: \$1,191,078

PI: Fay-Wei Li, John Meeks (University of California Davis), Jed Sparks (Cornell EEB)

Supplement #1 | Research Experience for Post-Baccalaureate Students (2139576)

\$40,750

Supplement #2 | Research Collaboration Opportunity in Europe (2034018)

\$27,005

DOE Large-Scale EMSL Research User Grant | Understanding the genetic and structural bases of hornworts' carbon-concentrating mechanism

\$118,888 in-kind support (2021.10.1 – 2023.9.30)

PI: Fay-Wei Li

Internal competitive funding

Triad Foundation Award | Understanding how ferns can withstand extreme desiccation

\$100,000 (2021.9.1 – 2022.8.31)

PI: Fay-Wei Li

Co-PI: Sally Chambers (Marie Selby Botanical Gardens)

Triad Foundation Award | An "EPYC" quest to search for the Rubisco tether protein in hornwort pyrenoids

\$59,125 (2021.7.1 – 2022.6.30)

PI: Fay-Wei Li

Co-PI: Joyce Van Eck and Aleksandra Skirycz

Triad Foundation Award | Biosynthesis of cannabinoids in liverworts

\$75,000 (2020.9.1 – 2021.8.31)

PI: Georg Jander

Co-PI: Fay-Wei Li and Frank Schroeder

Triad Foundation Award | Exploring native plant diversity: what a threatened *Aconitum* can teach us about changing species distributions and medicinal compounds

\$50,500 (2018.7.1 – 2019.6.30)

PI: Suzy Strickler

Co-PI: Fay-Wei Li, Georg Jander, Chelsea Specht (Cornell Plant Biology)

FELLOWSHIPS AND AWARDS

- 2016 Forschungskredit postdoc fellowship, University of Zurich
- 2015 Perry Price (best thesis in plant science), Duke University
- 2014 Edgar T. Wherry Award, Botanical Society of America
- 2014 NSF Doctoral Dissertation Improvement Grant
- 2012 NSF Graduate Research Fellowship

INVITED SEMINARS AND SIGNIFICANT MEETING PRESENTATIONS

- 2022 **EMBO Workshop**, “An integrated view of early land plant evolution”, Bhubaneswar, India (scheduled in November)
- 2022 **Plant Genome Online**, keynote speaker (virtual)
- 2021 **Louisiana State University**, Department of Biological Sciences (virtual)
- 2021 **University of Maryland**, UMD Plant Virtual Minisymposium (virtual)
- 2021 **University of California Davis**, Photosynthesis Mini-Symposium (virtual)
- 2021 **Laboratoire Reproduction et Développement des Plantes**, Lyon (virtual)
- 2021 **University of Goettingen**, Institute for Microbiology and Genetics (virtual)
- 2020 **Oxford University**, Oxford University Biological Society (virtual)
- 2020 **Botany 2020**, Colloquium on Mechanisms of rapid adaptation through the expression of “heterogenomicity” (virtual)
- 2020 **Ithaca College**, Department of Biology
- 2019 **Smithsonian National Museum of Natural History** (Botany), Washington DC
- 2019 **Smithsonian National Museum of Natural History** (“Phylopizza”), Washington DC
- 2019 **Marine Biological Laboratory**, Woods Hole, MA
- 2018 **Harvard University**, Herbarium Seminar Series
- 2018 **EMBO Workshop**, “New shores in land plant evolution”, Lisbon, Portugal
- 2018 **National Tsing Hua University** (Taiwan), Institute of Molecular and Cell Biology
- 2018 **7th Asian Symposium of Ferns and Lycophyte**, Keynote speaker, Taipei, Taiwan
- 2017 **University of Rochester**, Department of Biology
- 2017 **Arizona State University**, The Life Science Cafe seminar series
- 2017 **Iowa State University**, Department of Ecology, Evolution, and Organismal Biology
- 2017 **Chicago Plant Science Symposium**
- 2017 **Cornell University**, Plant Biology Section
- 2016 **Utrecht University**, Institute of Environmental Biology
- 2016 **University of Zurich**, Department of Systematic and Evolutionary Botany
- 2016 **Université Laval**, Institute for Integrative Systems Biology
- 2016 **Yale University**, Department of Ecology and Evolutionary Biology
- 2015 **North Carolina State University**, Plant & Microbial Biology Seminar

Declined/postponed due to pandemic

2022 **University of Florida**, Department of Biology

2020 **Gregor Mendel Institute of Molecular Plant Biology**

UNIVERSITY INTERACTIONS AND TEACHING

Teaching

Main Instructor

Problems in Plant Biology (PLBIO 7410), Cornell University 2022
Graduate-level seminar course; each week a different faculty provides guest lecture.

Plant Comparative and Evolutionary Genomics (PLBIO 7420),
Cornell University 2018
Graduate-level seminar course. Syllabus: <https://sites.google.com/site/plbio7420plantgenomics>

Guest Lectures

Vascular Plant Systematics (PLBIO 2480), Cornell University 2020 – 2021
Two lectures on the biology of algae, bryophytes, lycophytes, and ferns

Problems in Plant Biology (PLBIO 7410), Cornell University 2017 – 2021
One lecture around a paper of interest

Medical Ethnobotany (PLBIO 1100), Cornell University 2017 – 2020
One lecture on the medicinal use of ferns

Topics in Plant Evolution (PLBIO 6560), Cornell University 2017 – 2020
Participated in weekly paper discussion

Faculty Research (PLBIO 7430), Cornell University 2017 – 2019
One lecture about my research program to the first-year graduate students

Principles of Biology (BIO 110), SUNY Cortland 2022
One lecture about seed-free plants

Mentoring

PhD. Students Advised

Tanner Robison	Cornell Plant Biology	2019-present
David Wickell	Cornell Plant Biology	2018-present
Alaina Petlewski	Cornell Plant Biology	2017-2020 (exited with a master degree)

Postdoctoral Researchers Advised

Jacob Suissa	2022-present (co-advised with Corrie Moreau, Cornell EEB)
Sylvia Kinosian	2022-present (co-advised with Michael Barker, University of Arizona)
Declan Lafferty	2022-present (co-advised with Joyce Van Eck, BTI)
Peter Schafran	2019-present
Andika Gunadi	2019-2021 (co-advised with Joyce Van Eck, BTI); now Plant Transformation and Genome-editing Scientist, J.R. Simplot Company
Nasim Nahmatpour	2019-2021; now Bioinformatics Scientist, Analytical Biosciences
Jessica Nelson	2017-2019; now Lecturer of Biology, Maastricht University (Netherlands)

Li-Yaung Kuo 2017-2019; now Assistant Professor, National Tsing Hua University (Taiwan)

Awards Received by Students

David Wickell Smithsonian Graduate Student Fellowship, National Museum of Natural History (\$8,000)
 David Wickell Washington Biologists Field Club Research Awards (\$4,035)
 David Wickell Schmittau-Novak Integrative Plant Science Small Grants, Cornell (\$3,992)
 Tanner Robison Schmittau-Novak Integrative Plant Science Small Grants, Cornell (\$4,207)
 Alaina Petlewski R.C. Lewontin Early Award, Society for the Study of Evolution (\$2,500)
 Alaina Petlewski Andrew W. Mellon Student Research Grant, Cornell (\$780)
 Alaina Petlewski American Society of Plant Taxonomists Graduate Student Research Grant (\$1,200)

Awards Received by Postdocs

Jacob Suissa NSF Postdoctoral Research Fellowship (Rules of Life track)
 Sylvia Kinoshian NSF Postdoctoral Research Fellowship (Plant Genome track)
 Peter Schafran NSF Postdoctoral Research Fellowship (Plant Genome track)

Dissertation/Exam Committee

Ayress Grinage	Cornell Plant Biology	Advisor: Chelsea Specht
Joseph Cammarata	Cornell Plant Biology	Advisor: Michael Scanlon & Adrienne Roeder
Heather Phillips	Cornell Plant Biology	Advisor: Chelsea Specht
Thereis Choo	Cornell Plant Biology	Advisor: Kevin Nixon
Michael Song	UC Berkeley IB	Advisor: Carl Rothfels
Nikolai Hay	Duke Biology	Advisor: Kathleen Pryer
Blake Fauskee	Duke Biology	Advisor: Kathleen Pryer
Ariana Eily	Duke Biology	Advisor: Kathleen Pryer
Rizky Kafrawi	Hobart and William Smith Colleges	Advisor: Shannon Straub

Undergraduate/High School Students Advised

Jenna Sins	Gannon University	2022
Anna Lipari	Grinnell College	2022
Makaila Weir	Ohio Wesleyan University	2021
Isa Johnson	Ohio Wesleyan University	2021
Ariel Patterson	Reeds College	2019 (Best poster; BTI REU symposium)
Victor Cai	Duke University	2019
Marazzano Colon	Duke University	2018
Harry Hou	Kimball Union Academy	2018

Other Contributions and Interactions

Graduate student recruitment committee, Plant Biology Field, Cornell University (2019)
 Graduate student admission committee, Plant Biology Field, Cornell University (2018)

PROFESSIONAL ACTIVITIES

Internal

Committee Services

- 2020 – 2022 Monday Morning Research Updates Committee
- 2020 – 2021 Research Reactivation Committee
- 2017 – 2020 Monday Morning Seminar Committee
- 2017 – 2020 BTI Computational Biology Center (BCBC) Committee
- 2017 BTI Communication Associate Hiring Committee

Presentations

- 2022 BTI Monday Morning Research Updates
- 2019 BTI Monday Morning Seminar (x2)
- 2017 – 2020 BTI REU Seminar Series
- 2017, 2022 BTI Board of Directors meeting
- 2017, 2019 BTI Scientific Advisory Board meeting

Other Services

- 2019 Organizer of BCBC nanopore symposium (with Suzy Strickler)
- 2019 Participated in BTI Leadership Organizational Retreat
- 2019 Participated in BTI Post-graduate Society mock faculty interview

External

Public Outreach

- 2021 **Art at BTI**, “Dead Plant Wisdom: Exploring identity, colonialism and climate change through art and herbaria”
Conversation with Zachari Logan and AJ Bouchie. [Recording.](#)
- 2020 **Fundraising campaign for Cayuga Lake harmful algal bloom research**
Working closely with Aly Evans to put together a fundraising proposal. We held four info sessions to engage with the local communities and pitch the project idea.
- 2020 **BTI Breaking Ground Discussion Series**, “Spooky Plants”
[Recording.](#)
- 2019 **Finger Lakes Native Plant Society**, “Ferntastic Ferns and Lycophytes”
Talked about the natural history of ferns and lycophytes.
- 2019 **Science on Screen: Little shop of horrors**
Gave a pre-show presentation “Killer Plants!” in Cinemapolis as a part of the Science on Screen program. [Recording.](#)
- 2018 **Sciencenter After Dark: Wicked Plants**
Engage with the public with hands-on activities
- 2018 **Sciencenter Members’ Night**, “Wicked ferns—Ferns that killed the early Australian explorers”
The opening talk for the Wicked Plants exhibition. 75% of the audience were children.
- 2018 **Judy’s Day** at Cornell Botanic Gardens
My lab has two booths: “Ferntastic Azolla and Lycophytes” and “Amazing Bryophytes”. Jessica Nelson (postdoc) did several botanical drawings for the stickers, and I helped make sure the tree of life figure (this year’s theme) is correct

2018 **Workshop on Pteridophyte Reproductive Biology** at Dr. Cecilia Koo Botanic Conservation Center (Taiwan)

A training workshop for researchers in Southeast Asia. I gave a lecture on “High-level classification of ferns and lycophytes”

2018 **NSF INCLUDE** at Cornell University, “Biodiversity!”

To high school students from underserved school districts

2017 **Ithaca Garden Club**, “Ferntastic ferns and where to find them”

To members of the garden club

2017 **NSF INCLUDE** at Cornell University, “Biodiversity!”

To high school students from underserved school districts

2017 **Art at BTI**, “Tamed Wonders: Ferns and humans as seen from the BTI atrium”

To artists and art-lovers; [video recording](#)

2017 **BTI Giving Tuesday Livestream**

Live video interview with Keith Hannon

2017 **Fascination of Plants Day Livestream**

Live video interview with Keith Hannon

2017 **BTI Science Bomb Podcast**

Audio interview with Keith Hannon

Media Appearance

2022 Interviewed and featured by New Scientist “[Horizontal gene transfer happens more often than anyone thought](#)”

2022 Quoted by New Scientist “[Genes from bacteria may have helped plants colonise the land](#)”

2022 Quoted by Nature Plants Research Briefing “[The evolutionary mechanisms of mycoheterotrophic orchids](#)”

2019 Quoted by The Mercury News “[Genetic code for California’s iconic trees uncovered](#)”

Editorial Service

2022 **Associate Editor**, Molecular Phylogenetics and Evolution (handled 10 manuscripts)

2021 **Associate Editor**, American Fern Journal (handled 1 manuscript)

2021 **Associate Editor**, Molecular Phylogenetics and Evolution (handled 16 manuscripts)

2020 **Associate Editor**, Molecular Phylogenetics and Evolution (handled 24 manuscripts)

2019 **Associate Editor**, Molecular Phylogenetics and Evolution (handled 17 manuscripts)

2018 **Associate Editor**, Molecular Phylogenetics and Evolution (handled 7 manuscripts)

Journal Reviewer

2022 Nature Plants, PNAS, New Phytologist, Molecular Plant, American Journal of Botany, Genome Biology and Evolution, Frontiers in Plant Science, Review of Palaeobotany and Palynology

2021 Nature Plants (x5), Nature Ecology and Evolution, Nature Communications, Current Biology, Molecular Biology and Evolution, New Phytologist (x2), Plant Systematics and Evolution, Applications in Plant Sciences

2020 Nature Plants, PNAS, Genome Biology, New Phytologist (x2), Plant Journal, American Journal of Botany, Journal of Systematics and Evolution

- 2019 Nature Plants (x2), Nature Communications, Scientific Reports, Genome Biology and Evolution, G3
- 2018 Nature Plants, New Phytologist, Molecular Biology and Evolution, Applications in Plant Sciences, Frontiers in Plant Science, GigaScience (x2), Heredity, Molecular Phylogenetics and Evolution (x2), Plant and Cell Physiology, Scientific Reports, Symbiosis, Systematic Botany
- 2017 New Phytologist, American Journal of Botany, BMC Plant Biology, Journal of Molecular Evolution, Scientific Reports
- 2016-2011 PNAS, Taxon, Plant Systematics and Evolution (x2), Molecular Phylogenetics and Evolution (x2), PeerJ, Phytotaxa (x2), Current Genetics, BMC Research Notes, BMC Evolutionary Biology, American Fern Journal (x2), Molecular Ecology Resources, Annals of Botany

Grant Proposal Reviewer

- 2020 The Royal Society University Research Fellowship (UK)
- 2020 Czech Science Foundation
- 2020 Academia Sinica Thematic Research Program (Taiwan)
- 2020 American Society of Plant Taxonomists Graduate Student Research Grants
- 2020 Society for the Study of Evolution Rosemary Grant Awards
- 2018 Czech Science Foundation
- 2018 Society of Systematic Biologists Graduate Student Research Awards

Symposium Organizer

- 2022 **Botany 2022 workshop: *de novo* genome Assembly and Annotation with an Emphasis on Phylogenetic and Population Genetic Studies**, co-organized with Suzy Strickler and Jacob Landis
- 2021 **Hornworts: the Next Generation**, Bryophytes and Lichens BL2021 (virtual)
- 2021 **Botany 2021 workshop: *de novo* genome Assembly and Annotation with an Emphasis on Phylogenetic and Population Genetic Studies**, co-organized with Suzy Strickler and Jacob Landis (virtual)
- 2020 **Botany 2020 workshop: *de novo* genome Assembly and Annotation with an Emphasis on Phylogenetic and Population Genetic Studies**, co-organized with Suzy Strickler and Jacob Landis (virtual)
- 2017 **Plant genome evolution from the very beginning**, co-organized with Charles Delwiche (University of Maryland), XIX International Botanical Congress, Shenzhen, China

Other Services

- 2019 Participant in the Plant Summit (organized by Plant Science Research Network)