

# Michael Gruenstaeudl (Grünstäudl), PhD

📍 Fort Hays State University, 600 Park Street, Hays, KS 67601, USA

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## Education and Professional Positions

### EDUCATION

|  |                                    |      |
|--|------------------------------------|------|
| <b>Habilitation</b> in Bioinformatics and Botany   | Freie Universität Berlin, Germany  | 2023 |
| Habilitation thesis: "Development and application of bioinformatic tools toward process automation in plant phylogenetics" |                                    |      |
| <b>Ph.D.</b> in Plant Biology  | University of Texas at Austin, USA | 2013 |
| <b>M.Sc.</b> in Plant Biology  | University of Vienna, Austria      | 2007 |

### PROFESSIONAL POSITIONS

|   |                                   |              |
|---|-----------------------------------|--------------|
| <b>Assistant Professor (Tenure-Track)</b>     | Fort Hays State University, USA   | 2023–ongoing |
| Dept. Biological Sciences                     |                                   |              |
| <b>Postdoctoral Researcher</b>                | Freie Universität Berlin, Germany | 2015–2022    |
| Dept. Biology, Chemistry, Pharmacy            |                                   |              |
| <b>Postdoctoral Researcher</b>                | Ohio State University, USA        | 2014–2015    |
| Dept. Evolution, Ecology & Organismal Biology |                                   |              |

## Research

### GRANT FUNDING

|   |  |            |
|---|--|------------|
| <b>NSF-2417083</b>  | National Science Foundation – IUSE: EDU                      | \$ 385,971 |
| Co-PI Grant#: <a href="#">2417083</a> , Duration: 2024–ongoing          |  |            |
| <b>NIH-1R01LM014506</b>   | National Institutes of Health – National Library of Medicine | \$ 239,206 |
| Single PI Grant#: <a href="#">1R01LM014506</a> , Duration: 2024–ongoing |  |            |
| <b>DFG-418670221</b>  | Deutsche Forschungsgemeinschaft – Sachbeihilfe               | € 69,360   |
| Single PI Grant#: <a href="#">418670221</a> , Duration: 2018–2022       |  |            |
| <b>KINBRE-GR00848</b>   | Kansas IDeA Network of Biomedical Research Excellence        | \$ 33,210  |
| Single PI Grant#: P20GM103418/GR00848, Duration: 2025–ongoing           |  |            |
| <b>UT-F816842</b>   | University of Texas at Austin Graduate Research Fellowship   | \$ 26,772  |
| Single PI Grant#: F816842, Duration: 2011–2012                          |  |            |
| <b>KINBRE-GR509061</b>  | Kansas IDeA Network of Biomedical Research Excellence        | \$ 24,765  |
| Single PI Grant#: P20GM103418/GR509061, Duration: 2023–2024             |  |            |
| <b>FHSU-GR00807</b>   | Kansas legislature via the FHSU Water Office                 | \$ 24,059  |

Single PI

Grant#: GR00807, Duration: 2025–ongoing

FU-21224600

Freie Universität Berlin Forschungskommission

€ 11,470

Single PI

Grant#: 21224600, Duration: 2016–2018

## PUBLICATIONS

Graduate and undergraduate student mentees are underlined

- [27] N Jenke, Smith, GM, Magar Thapa, B, and **M Gruenstaeudl**. “Variation of and associations with the depth and evenness of sequencing coverage in archived plastid genomes”. In: *Scientific Reports* 15 (2025). <https://doi.org/10.1038/s41598-025-11568-9>, p. 26294.
- [26] JA Roestel, JH Wiersema, RK Jansen, T Borsch, and **M Gruenstaeudl**. “On the importance of sequence alignment inspections in plastid phylogenomics – an example from revisiting the relationships of the water-lilies”. In: *Cladistics* 40 (2024). <https://doi.org/10.1111/cla.12584>, pp. 469–495.
- [25] E Giorgashvili, K Reichel, C Caswara, V Kerimov, T Borsch, and **M Gruenstaeudl**. “Software choice and sequencing coverage can impact plastid genome assembly – A case study in the narrow endemic *Calligonum bakuense*”. In: *Frontiers in Plant Science* 13 (2022). <https://doi.org/10.3389/fpls.2022.779830>, p. 779830.
- [24] B Escobari, T Borsch, TS Quedensley, and **M Gruenstaeudl**. “Plastid phylogenomics of the Gynoxoid group (Senecioneae, Asteraceae) highlights the importance of motif-based sequence alignment amid low genetic distances”. In: *American Journal of Botany* 108 (2021). <https://doi.org/10.1002/ajb2.1775>, pp. 2235–2256.
- [23] T Meh and **M Gruenstaeudl**. “airpg: Automatically accessing the inverted repeats of archived plastid genomes”. In: *BMC Bioinformatics* 22 (2021). <https://doi.org/10.1186/s12859-021-04309-y>, p. 413.
- [22] I Duran, A Marrero, F Msanda, C Harrouni, **M Gruenstaeudl**, J Patino, J Caujape-Castells, and C Garcia-Verdugo. “Iconic, threatened, but largely unknown: Biogeography of the Macaronesian dragon trees (*Dracaena* spp.) as inferred from plastid DNA markers”. In: *Taxon* 69 (2020). doi: <https://doi.org/10.1002/tax.12215>, pp. 217–233.
- [21] **M Gruenstaeudl**. “annonex2embl: automatic preparation of annotated DNA sequences for bulk submissions to ENA”. In: *Bioinformatics* 21 (2020). doi: <https://doi.org/10.1093/bioinformatics/btaa209>, p. 207.
- [20] **M Gruenstaeudl** and N Jenke. “PACVr: Plastome Assembly Coverage Visualization in R”. In: *BMC Bioinformatics* 36 (2020). doi: <https://doi.org/10.1186/s12859-020-3475-0>, pp. 3841–3848.
- [19] A Szukala, N Korotkova, **M Gruenstaeudl**, AN Sennikov, GA Lazkov, SA Litvinskaya, SA Gabrielian, T Borsch, and E von Raab-Straube. “Phylogeny of the Eurasian genus *Jurinea* (Asteraceae: Cardueae): Support for a monophyletic genus concept and a first hypothesis on overall species relationships”. In: *Taxon* 68 (2019). doi: <https://doi.org/10.1002/tax.12027>, pp. 112–131.
- [18] **M Gruenstaeudl**. “Why the monophyly of Nymphaeaceae currently remains indeterminate: An assessment based on gene-wise plastid phylogenomics”. In: *Plant Systematics and Evolution* 305 (2019). doi: <https://doi.org/10.1007/s00606-019-01610-5>, pp. 827–836.
- [17] **M Gruenstaeudl** and Y Hartmaring. “EMBL2checklists: A Python package to facilitate the user-friendly submission of plant and fungal DNA barcoding sequences to ENA”. In: *PLoS ONE* 14 (2019). doi: <https://doi.org/10.1371/journal.pone.0210347>, e0210347.

- [16] V Di Vincenzo, **M Gruenstaeudl**, L Nauheimer, M Wondafrash, P Kamau, S Demissew, and T Borsch. "Evolutionary diversification of the African achyranthoid clade (Amaranthaceae) in the context of sterile flower evolution and epizoochory". In: *Annals of Botany* 122 (2018). doi: <https://doi.org/10.1093/aob/mcy055>, pp. 69–85.
- [15] TS Quedensley, **M Gruenstaeudl**, and RK Jansen. "Phylogenetic relationships of the Mexican tussilaginoide genera (Asteraceae: Senecioneae)". In: *Journal of the Botanical Research Institute of Texas* 12 (2018), pp. 481–498. ISSN: 1934-5259.
- [14] **M Gruenstaeudl**, N Gerschler, and T Borsch. "Bioinformatic workflows for generating complete plastid genome sequences - An example from *Cabomba* (Cabombaceae) in the context of the phylogenomic analysis of the water-lily clade". In: *Life* 8 (2018). doi: <https://doi.org/10.3390/life8030025>, p. 25.
- [13] N Korotkova, G Parolly, A Khachatryan, L Ghulikyan, H Sargsyan, J Akopian, T Borsch, and **M Gruenstaeudl**. "Towards resolving the evolutionary history of Caucasian pears (*Pyrus*, Rosaceae) - Phylogenetic relationships, divergence times and leaf trait evolution". In: *Journal of Systematics and Evolution* 56 (2017). doi: <https://doi.org/10.1111/jse.12276>, pp. 35–47.
- [12] E Maharramova, I Huseynova, S Kolbaia, **M Gruenstaeudl**, T Borsch, and LAH Muller. "Phylogeography and population genetics of the riparian relict tree *Pterocarya fraxinifolia* (Juglandaceae) in the South Caucasus". In: *Systematics and Biodiversity* 16 (2017). doi: <https://doi.org/10.1080/14772000.2017.1333540>, pp. 14–27.
- [11] **M Gruenstaeudl**, BC Carstens, A Santos-Guerra, and RK Jansen. "Statistical hybrid detection and the inference of ancestral distribution areas in *Tolpis* (Asteraceae)". In: *Biological Journal of the Linnean Society* 121 (2017). doi: <https://doi.org/10.1093/biolinnean/blw014>, pp. 133–149.
- [10] **M Gruenstaeudl**, L Nauheimer, and T Borsch. "Plastid genome structure and phylogenomics of Nymphaeales: Conserved gene order and new insights into relationships". In: *Plant Systematics and Evolution* 303 (2017). doi: <https://doi.org/10.1007/s00606-017-1436-5>, pp. 1251–1270.
- [9] BC Carstens, **M Gruenstaeudl**, and NM Reid. "Community trees: Identifying codiversification in the Paramo dipteran community". In: *Evolution* 70 (2016). doi: <https://doi.org/10.1111/evo.12916>, pp. 1080–1093.
- [8] **M Gruenstaeudl**. "WARACS: Wrappers to automate the reconstruction of ancestral character states". In: *Applications in Plant Sciences* 4 (2016). doi: <https://doi.org/10.3732/apps.1500120>, p. 1500120.
- [7] **M Gruenstaeudl**, NM Reid, GL Wheeler, and BC Carstens. "Posterior predictive checks of coalescent models: P2C2M, an R package". In: *Molecular Ecology Resources* 16 (2015). doi: <https://doi.org/10.1111/1755-0998.12435>, pp. 193–205.
- [6] **M Gruenstaeudl**, CV Hawkes, A Santos-Guerra, and RK Jansen. "Preliminary investigations of correlated diversification between plants and their associated arbuscular mycorrhizal fungi in Macaronesia". In: *Proceedings of the Amurga International Conferences on Island Biodiversity 2011*. Ed. by J Caujape-Castells, G Nieto-Feliner, and JM Fernandez-Palacios. Las Palmas, Spain: Fundacion Canaria Amurga Maspalomas, 2013, pp. 146–153. ISBN: 978-84-616-7394-0.
- [5] **M Gruenstaeudl**, A Santos-Guerra, CV Hawkes, and RK Jansen. "Molecular survey of arbuscular mycorrhizal fungi associated with *Tolpis* on three Canarian islands (Asteraceae)". In: *Vieraea* 41 (2013). doi: <http://dx.doi.org/10.31939/vieraea.2013.41.17>, pp. 233–252. ISSN: 0210-945X.

- [4] **M Gruenstaeudl**, A Santos-Guerra, and RK Jansen. “Phylogenetic analyses of *Tolpis* Adans. (Asteraceae) reveal patterns of adaptive radiation, multiple colonization and interspecific hybridization”. In: *Cladistics* 29 (2013). doi: <https://doi.org/10.1111/cla.12005>, pp. 416–434.
- [3] V Funk, A Anderberg, B Baldwin, R Bayer, J Bonifacio, I Breitwieser, L Brouillet, R Carbajal, R Chan, A Coutinho, D Crawford, J Crisci, M Dillon, S Freire, M Galbany Casals, N Garcia-Jacas, B Gemeinholzer, **M Gruenstaeudl**, HW Lack, and L Watson. “Compositae metatrees: the next generation”. In: *Systematics, Evolution and Biogeography of the Compositae*. Ed. by VA Funk, A Susanna, TF Stuessy, and R Bayer. Vienna, Austria: International Association For Plant Taxonomy (IAPT), 2009, pp. 747–777. ISBN: 978-39-501-7543-1.
- [2] TF Stuessy, E Urtubey, and **M Gruenstaeudl**. “Barnadesieae (Barnadesioideae)”. In: *Systematics, Evolution and Biogeography of the Compositae*. Ed. by V.A. Funk, A. Susanna, T.F. Stuessy, and R. Bayer. Vienna, Austria: IAPT, 2009, pp. 215–228. ISBN: 978-39-501-7543-1.
- [1] **M Gruenstaeudl**, E Urtubey, RK Jansen, R Samuel, MHJ Barfuss, and TF Stuessy. “Phylogeny of Barnadesioideae (Asteraceae) inferred from DNA sequence data and morphology”. In: *Molecular Phylogenetics and Evolution* 51 (2009). doi: <https://doi.org/10.1016/j.ympev.2009.01.023>, pp. 572–587.

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## CONFERENCE PRESENTATIONS

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**2026 Session Moderator**

*K-INBRE Symposium 2026: Overland Park, Kansas, USA*

**2026 Invited Seminar**

*Universität Wien, Austria*

**2025 Invited Seminar**

*Universität Regensburg, Germany*

**2025 Contributed Talk**

*OLC Accelerate 2025: Orlando, Florida, USA*

**2024 Invited Seminar**

*Wichita State University, USA*

**2024 Contributed Talk**

*20th Int'l Botanical Congress: Madrid, Spain*

**2024 Contributed Talk**

*Austrian Bioinform. Workshop 2024: Graz, Austria*

**2021 Contributed Talk (online)**

*Deutsche Bot. Gesellsch.: Oldenburg, Germany*

**2021 Contributed Talk (online)**

*19. Österreich. Botanik-Tagung: Krems, Austria*

**2021 Workshop Organizer (online)**

*Botanical Soc. of America Conf.: Connecticut, USA*

**2021 Contributed Talk (online)**

*Botanical Soc. of America Conf.: Connecticut, USA*

**2020 Contributed Talk (online)**

*Barcode of Life Initiative: Vienna, Austria*

**2019 Workshop Organizer**

*Gesellsch. für Biol. Systematik: Munich, Germany*

**2019 Contributed Talk**

*Gesellsch. für Biol. Systematik: Munich, Germany*

**2018 Contributed Talk**

*Deutsche Bot. Gesellsch.: Klagenfurt, Austria*

**2018 Workshop Organizer**

*Gesellsch. für Biol. Systematik: Vienna, Austria*

**2018 Contributed Talk**

*Gesellsch. für Biol. Systematik: Vienna, Austria*

**2017 Contributed Talk**

*Genomics in Biodiversity Res.: Berlin, Germany*

**2016 Contributed Talk**

*Dahlem Center of Plant Sciences: Berlin, Germany*

**2015 Contributed Talk**

*VISCEA Ecology & Evolution Conf.: Vienna, Austria*

**2015 Invited Seminar**

*Universität Leipzig, Germany*

**2014 Contributed Talk**

*Society for the Study of Evolution Conf., USA*

**2011 Invited Seminar**

*University of Wageningen, The Netherlands*

**2010 Contributed Talk**

*Flora Macaronesia Int'l Symp.: Azores, Portugal*

2010 **Contributed Talk**  
9th Int'l Mycological Conf.: Edinburgh, UK

2008 **Contributed Talk**  
Botany 2008 Conf.: Vancouver, Canada

2009 **Contributed Talk**  
Botanical Soc. of America Conf.: Utah, USA

2007 **Contributed Talk**  
Botany & Plant Biology 2007 Conf.: Chicago, USA

## HONORS & AWARDS FOR RESEARCH



|   |                                       |      |
|---|---------------------------------------|------|
| <b>Outstanding Research and Scholarly Activity Award</b><br>(university-wide)                   | Fort Hays State University            | 2025 |
| <b>Outstanding Scholarship Award</b> (Werth College of<br>Science, Technology, and Mathematics) | Fort Hays State University            | 2025 |
| <b>Scholarship of excellence</b>  | Land Niederösterreich                 | 2012 |
| <b>Graduate student research award</b>  | American Society of Plant Taxonomists | 2011 |
| <b>Graduate student research award</b>  | Mycological Society of America        | 2010 |
| <b>Graduate student research award</b>  | Botanical Society of America          | 2010 |



## Teaching

### LIST OF UNIVERSITY COURSES TAUGHT

 graduate-level course


Assistant Professor at Fort Hays State Univ.

|  |                 |   |
|--|-----------------|---|
| <b>Genetics</b> (BIOL325, 3 credits) – Lectures  | Sole instructor | <b>5 semesters</b><br>Spring 2023, Spring 2024,<br>Fall 2024, Fall 2025,<br>Spring 2026 |
| <b>Genetics</b> (BIOL325, 1 credit) – Labs   | Sole instructor | <b>5 semesters</b><br>Spring 2023, Spring 2024,<br>Fall 2024, Fall 2025,<br>Spring 2026 |
| <b>Principles of Biology</b> (BIOL180, 3 credits) – Lectures   | Sole instructor | <b>4 semesters</b><br>Spring 2025, Fall 2024,<br>Fall 2023, Spring 2023                 |
| <b>Topics in Biology: Bioinformatics</b> (BIOL607/G, 3 credits)     | Sole instructor | <b>2 semesters</b><br>Fall 2023, Fall 2025  |
| <b>Topics in Biology: Molecular Biology, 4 credits</b> (BIOL607/G)  | Sole instructor | <b>2 semesters</b><br>Fall 2023, Spring 2026  |
| <b>Botany</b> (BIOL250, 3 credits) – Lectures  | Sole instructor | <b>2 semesters</b><br>Fall 2023, Spring 2025  |
| <b>Botany</b> (BIOL250L, 1 credit) – Labs  | Sole instructor | <b>2 semesters</b><br>Fall 2023, Spring 2025  |
| <b>Plant Anatomy</b> (BIOL330, 3 credits) – Lectures   | Sole instructor | <b>1 semester</b><br>Fall 2025  |

|   |                 |                                  |
|---|-----------------|----------------------------------|
| <b>Plant Anatomy</b> (BIOL330L, 1 credit) – Labs  | Sole instructor | <b>1 semester</b><br>Fall 2025   |
| <b>Topics in Biology: Crafting Scientific Presentations</b> (BIOL607/G, 2 credits)                 | Sole instructor | <b>1 semester</b><br>Spring 2026 |
| <b>Readings in Biology: The Impact of AI on Biology and Medicine</b> (BIOL482/BIOL882, 2 credits)  | Sole instructor | <b>1 semester</b><br>Fall 2023   |

## Lecturer at the Freie Universität Berlin

|  |               |   |
|--|---------------|---|
| <b>Genetik &amp; Genomforschung</b> (LVNr. 23771a) – Vorlesung<br>Genetics & Genomics – Lectures   | Co-instructor | <b>4 semesters</b><br>Fall 2018, Fall 2019,<br>Fall 2020 (online),<br>Fall 2021 (online)                          |
| <b>Genetik &amp; Genomforschung</b> (LVNr. 23771b) – Praktikum<br>Genetics & Genomics – Labs   | Co-instructor | <b>4 semesters</b><br>Fall 2018, Fall 2019,<br>Fall 2020 (online),<br>Fall 2021 (online)                          |
| <b>Einführung in Botanik &amp; Biodiversität</b> (LVNr. 23106) – Vorlesung<br>Introduction to Botany & Biodiversity – Lectures   | Co-instructor | <b>5 semesters</b><br>Fall 2017, Fall 2018,<br>Fall 2019,<br>Fall 2020 (online),<br>Fall 2021 (online)            |
| <b>Einführung in Botanik &amp; Biodiversität</b> (LVNr. 23108a-e) – Praktikum<br>Introduction to Botany & Biodiversity – Labs  | Co-instructor | <b>6 semesters</b><br>Fall 2016, Fall 2017,<br>Fall 2018, Fall 2019,<br>Fall 2020 (online),<br>Fall 2021 (online) |
| <b>Botanik &amp; Mikrobiol. für das Fach Biochemie</b> (LVNr. 23700) – Vorlesung<br>Botany & Microbiol. for Biochemists – Lectures   | Co-instructor | <b>5 semesters</b><br>Fall 2017, Fall 2018,<br>Fall 2019,<br>Fall 2020 (online),<br>Fall 2021 (online)            |
| <b>Allg. Botanik &amp; Pflanzenphys. für Veterinärmed.</b> (LVNr. 23760b-c) – Vorlesung<br>Botany & Plant Phys. for Veterinary Sci. – Lectures   | Co-instructor | <b>5 semesters</b><br>Fall 2017, Fall 2018,<br>Fall 2019,<br>Fall 2020 (online),<br>Fall 2021 (online)            |
| <b>Prakt. Vertiefung Fachwissenschaft Biologie–Evolution</b> (LVNr. 23653) – Seminar<br>Topics in Biology: Evolution – Seminar    | Co-instructor | <b>5 semesters</b><br>Spring 2017, Spring 2019,<br>Spring 2020 (online),<br>Spring 2021 (online)                  |
| <b>Prakt. Vertiefung Fachwissenschaft Biologie–Evolution</b> (LVNr. 23654a-b) – Praktikum<br>Topics in Biology: Evolution – Labs  | Co-instructor | <b>5 semesters</b><br>Spring 2017, Spring 2019,<br>Spring 2020 (online),<br>Spring 2021 (online)                  |
| <b>Forschungspraktikum Bioinformatik</b> (LVNr. 19400432) – Praktikum<br>Research in Bioinformatics – Labs   | Co-instructor | <b>1 semester</b><br>Spring 2019  |


**Current Topics in Plant Systematics & Evolution**  
(LVNr. 23815) – Seminar 

Co-instructor

**1 semester**  
Fall 2018

**Evolution & Biodiversität–Botanik**

(LVNr. 23303a-e) – Vorlesung

Evolution & Biodiversity–Botany – Lectures 

Co-instructor

**1 semester**  
Spring 2015

## GRADUATE STUDENT SUPERVISION

|                         |                   |                       |                     |              |
|-------------------------|-------------------|-----------------------|---------------------|--------------|
| David Esteban Bohorquez | Master of Science | Fort Hays State Univ. | Primary/Thesis Adv. | 2025–ongoing |
| Thanina Hamitouche      | Master of Science | Fort Hays State Univ. | Primary/Thesis Adv. | 2025–ongoing |
| Buddha Thapa Magar      | Master of Science | Fort Hays State Univ. | Primary/Thesis Adv. | 2024–ongoing |
| Louisa Acquah           | Master of Science | Fort Hays State Univ. | Primary/Thesis Adv. | 2023–ongoing |
| Nils Jenke              | Master of Science | Freie Univ. Berlin    | Primary/Thesis Adv. | 2020–2021    |
| Yannick Hartmaring      | Master of Science | Freie Univ. Berlin    | Primary/Thesis Adv. | 2020–2021    |
| Eka Giorgashvili        | Master of Science | Freie Univ. Berlin    | Primary/Thesis Adv. | 2019–2020    |
| Jessica Röstel          | Master of Science | Freie Univ. Berlin    | Primary/Thesis Adv. | 2019–2020    |
| Griffin Davis           | Master of Science | Fort Hays State Univ. | Committee Member    | 2024–ongoing |
| Gabriella Rueschhoff    | Master of Science | Fort Hays State Univ. | Committee Member    | 2024–ongoing |
| Alfred Appiah           | Master of Science | Fort Hays State Univ. | Committee Member    | 2023–2025    |
| Jacob Alexander         | Master of Science | Fort Hays State Univ. | Committee Member    | 2023–2025    |
| Isaac Odoi              | Master of Science | Fort Hays State Univ. | Committee Member    | 2023–2024    |

## UNDERGRADUATE STUDENT SUPERVISION

Note: In Austria and Germany, B.S. degrees require a mandatory research thesis.

|                    |                     |                    |                     |      |
|--------------------|---------------------|--------------------|---------------------|------|
| Tilman Mehl        | Bachelor of Science | Freie Univ. Berlin | Primary/Thesis Adv. | 2020 |
| Nils Jenke         | Bachelor of Science | Freie Univ. Berlin | Primary/Thesis Adv. | 2019 |
| Yannick Hartmaring | Bachelor of Science | Freie Univ. Berlin | Primary/Thesis Adv. | 2019 |

## HONORS, AWARDS & CERTIFICATES FOR TEACHING

**Certificate in Effective Teaching Practices**

Assoc. of College and Univ. Educators

2025

9-month (25-module) course in effective teaching practices on implementation of evidence-based instructional approaches

**Teaching grant–Experiential learning innovation**

Fort Hays State University

2023

**Teaching grant–Undergraduate research experience**

Fort Hays State University

2023

**Teaching grant–Industry 4.0**

Freie Universität Berlin

2018

**Teaching award**

Freie Universität Berlin

2017

**Teaching assistant award**

University of Texas at Austin

2007

## Service

### LEADERSHIP TRAINING

|   |                              |      |
|---|------------------------------|------|
| <b>LHH Executive Program for Leaders &amp; Managers</b>   | LHH   OTM Career Development | 2022 |
| 4-month training in communication, transition management, interviews, hearings, and assessments |                              |      |

### COMMITTEE WORK

#### University committees

|   |                            |              |
|---|----------------------------|--------------|
| <b>Strategic Planning &amp; Improv. Committee</b> , Chair | Fort Hays State University | 2025–ongoing |
| <b>Faculty Senate</b> , Full Member                       | Fort Hays State University | 2025–ongoing |
| <b>Department. Hiring Committee</b> , Chair               | Fort Hays State University | 2025         |
| <b>Faculty Senate</b> , Alternate Member                  | Fort Hays State University | 2024–2025    |
| <b>Department. Graduate Education Committee</b> , Member  | Fort Hays State University | 2024–ongoing |
| <b>Department. Hiring Committee</b> , Member              | Fort Hays State University | 2024         |
| <b>Department. Scholarship Committee</b> , Member         | Fort Hays State University | 2024         |
| <b>Department. Infrastructure Committee</b> , Member      | Freie Universität Berlin   | 2017–2018    |

### PEER-REVIEW

#### Funding Agencies

- Deutsche Forschungsgemeinschaft (DFG)

#### Scientific Journals

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• Annals of Botany</li> <li>• BMC Plant Biology</li> <li>• Botanical Journal of the Linnean Society</li> <li>• Frontiers in Plant Science</li> <li>• GigaScience</li> <li>• Mathematical Biosciences</li> <li>• Mitochondrial DNA Part B</li> <li>• Molecular Ecology</li> </ul> | <ul style="list-style-type: none"> <li>• Molecular Ecology Resources</li> <li>• Nordic Journal of Botany</li> <li>• Plant Systematics and Evolution</li> <li>• PLOS One</li> <li>• Systematic Botany</li> <li>• Taxon</li> <li>• Willdenowia</li> </ul> |
|---|---|

### SCIENTIFIC MEMBERSHIPS

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• International Society for Computational Biology (ISCB)</li> <li>• International Association for Plant Taxonomy (IAPT)</li> </ul> | <ul style="list-style-type: none"> <li>• German Association of University Professors and Lecturers (DHV)</li> <li>• German Botanical Society (DBG)</li> </ul> |
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- Austrian Scientists & Scholars in North America (ASCINA)
- Council on Undergraduate Research (CUR)