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## CURRICULUM VITAE

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Verónica S. Di Stilio, [distilio@uw.edu](mailto:distilio@uw.edu)

### Education

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- 1998 Ph.D., University of Massachusetts, Department of Biology, Plant Biology Program. Molecular Markers and Y chromosome Evolution in *Silene*. (David Mulcahy advisor)
- 1990 Licenciata in Biological Sciences (with thesis, M. Sc. equivalent), with Honors. Universidad de Buenos Aires (UBA), Buenos Aires, Argentina.

### Post-doctoral Experience

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- 2000-03 Postdoctoral Fellow. Harvard University (with Drs. David Baum & Elena Kramer).
- 1998-99 Postdoctoral Research Associate, U. of Massachusetts, Amherst (Dr. Alice Cheung).

### Appointments

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- 2023-present Corresponding Investigator of CONICET (Argentinian Research Council) at the Darwinion Botanical Institute (5.11.23, *ad honorem* position).
- 2021-present Professor, University of Washington (UW, Seattle), Department of Biology.
- 2012-2021 Associate Professor, UW, Biology.
- 2006-12 Assistant Professor, UW, Biology.
- 2003-06 Acting Assistant Professor, UW, Biology.

### Sabbatical Visits

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- 2019 Sabbatical Visiting Faculty, U. of Groningen, GLIFES, The Netherlands (July-Sept).
- 2013 Sabbatical Visiting Faculty, U. of Cambridge, UK (Beverley Glover lab, March).  
Sabbatical Visiting Faculty, U. of Oxford, UK (Jane Langdale lab, April-July).

### Fellowships and awards

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- 2025 Root & Shoot RCN Travel Award for student-mentor pairs (with Ph.c. A. Garcia), ASPB (NSF DBI-2134321).
- 2019 J. William Fulbright Foreign Scholar, US Dept. of State (Argentina, Oct-Dec).  
National Geographic Explorer (Argentina, Oct-Dec).  
<https://explorers.nationalgeographic.org/directory/veronica-s-di-stilio>
- 2018 Travel award, Botany 2018, Botanical Society of America (BSA).
- 2017 Registration award, XIX International Botanical Congress (Shenzhen, China).
- 2013 NSF Evo-Devo-Eco Network (EDEN) research exchange (U. of Cambridge, Oxford).
- 2004-06 HHMI Scientific Education Program award for course development.  
Travel awards, NSF-MORPH Symposia, Botany 2004 and 2006 (BSA).
- 2001-02 Harvard Milton fund postdoctoral fellow, OEB, Harvard University.
- 2000-01 Mercer postdoctoral fellow, Arnold Arboretum, OEB, Harvard University.
- 1996-97 Scholarship for studies abroad, Argentinean Ministry of Education.
- 1995 Graduate school fellowship, University of Massachusetts.
- 1994 OTS Tropical Plant Systematics course scholarship (Costa Rica).
- 1990-92 Graduate school fellowship, University of Buenos Aires.
- 1988-90 Research fellowship for undergraduates, University of Buenos Aires.

### Funding (Current)

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2025-26 Univ. of Washington Bridge funds (\$50,000; 9/1/25-12/31/26).

### Funding (Past)

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- 2025 **NSF-IOS 1920408** Evo-Devo Collaborative Research: Comparative analysis of fern *LEAFY* genes and their regulatory network. co-PI J. Maloof, UC Davis (UW \$351,992 total; \$113,180 direct/year; 2 years, 2/1/20-8/31/25).
- 2022-24 **Royalty Research Fund** UW (\$39,996; 07/01/22-09/15/24). Evo-devo of convergent fruit-like function in seed plants. Di Stilio (PI).  
**NSF-DEB 1911539 Opus MCS** (Mid-Career Synthesis): Evolutionary processes underlying transitions in sexual systems, pollination mode and ploidy (\$304,007 total; \$98,053 direct/year; 2 years, 6/1/19-8/31/24). Di Stilio (PI).
- 2019-20 **National Geographic Society** Explorer Research Grant NGS-55332R-19: Reproductive Biology of South American *Ephedra* (\$13,000 for one year).
- 2018-19 **The Fred C. Gloeckner Foundation** (NY): Flower Design: understanding and generating remarkable flowers in herbaceous perennials (\$9,000; 7/16/18-12/31/19).
- 2016-17 Univ. of Washington Bridge funds (\$99,993; 7/1/16-12/31/17).
- 2015-16 **NSF-BEACON**: Evolutionary and ecological consequences of polyploidy. V. Di Stilio and D. Tank (U. Idaho), co-PI. (UW \$41,294 ; 8/1/15-7/31/16).  
**Fred C. Gloeckner Foundation** (NY): Induction of double flowers by transposon mutagenesis in *Thalictrum*. (\$5,000; 7/1/15-6/30/16).  
**Royalty Research Fund**. In search of the ancestral role of flowering genes. (\$39,978). Di Stilio (PI). 01/16/15-01/15/16.
- 2011-15 **NSF IOS-1121669** “Functional Evolution of Flower Organ Identity Genes in the basal Eudicot *Thalictrum*: Implications for transitions in breeding and pollination systems”. (\$121,051, 3 year). Di Stilio, sole PI.  
Summer REU supplement to IOS-1121669 (\$3,500), 6/1/15-8/31/15.
- 2013-2014 Two Summer REU supplements to IOS-1121669 (\$6,000 each), 2012 and 2013.
- 2011-13 **NSF DBI-IOS 1118539**. RUI: Molecular mechanisms of flower reversion in *Arabidopsis suecica*. PI: A. Madlung, co-PI: V. Di Stilio (UW \$8,453).
- 2012 **NSF-EDEN** Research exchange grant to V. Di Stilio (\$3,000).
- 2008-11 **NSF-RIG IOS-0818836**: Developmental genetics of pollination-related floral phenotypes in *Thalictrum* (\$76,361, three years).
- 2010 NSF-REU, linked to NSF-RIG IOS-0818836 (\$6,000).
- 2008-09 **Royalty Research Fund** UW. Dissecting gene function by viral induced gene silencing: gene duplication, functional divergence and the evolution of flower diversity (\$39,525).
- 2005-07 **Fred C. Gloeckner Foundation** (NY). The genetic basis of flower variation in *Thalictrum* (\$16,000).

### Publications (peer reviewed)

(<sup>1</sup>corresponding author, [undergraduate](#), [graduate](#), [postdoc](#))

[Google Scholar](#) (<https://scholar.google.co.uk/citations?user=4NAs7PgAAAAJ>); [NCBI](#)

56. V. S. Di Stilio<sup>1</sup> and A. Garcia. 2026. Gene co-option across scales shapes plant diversity. *Current Biology*, in press.

55. Tribble, C. and **V. S. Di Stilio**<sup>1</sup>. **2026**. Reconstructing the evolution of gene function for plant innovations. *Int. & Comp. Biology* 66: 1-9. doi: 10.1093/icb/icag003.
54. McConnell, H., Lanclos, J.R., Willis, K., Gjording, N., Stockmann, G., Lind, C., Maloof, J.N., Plackett, A.R.G., and **Di Stilio, V.S**<sup>1</sup>. **2026**. LEAFY demonstrates functions in reproductive development of the gametophyte but not the sporophyte of the fern *Ceratopteris richardii*. *Development* 153, dev204808. doi: 10.1242/dev.204808.
53. **Nolan, C.T.**, Campbell, I., **Farrell-Sherman, A.**, Ortiz, B.A.B., Yang, C., Naish, K.A., **Di Stilio, V.S.D.**, Kaldy, J.E., Donoghue, C., Ruesink, J.L., et al. **2025**. Florigen and antiflorigen gene expression correlates with reproductive state in a marine angiosperm, *Zostera marina*. *iScience* 28, 113082. <https://doi.org/10.1016/j.isci.2025.113082>.
52. **Garcia, A.G.**, **Bùi, J.**, T., Michael, T.P., Ickert-Bond, S.M., and **Di Stilio, V.S.**<sup>1</sup> **2025**. Enabling the Study of Gene Function in Gymnosperms: VIGS in *Ephedra tweedieana*. *Applications in Plant Science*, e70027. doi: [10.1002/aps3.70027](https://doi.org/10.1002/aps3.70027).
51. **Di Stilio, V. S.**<sup>1</sup> and N. R. Sinha. **2024**. Editorial: Model Organisms in Plant Developmental Biology -their effectiveness and limitations. *Front. Plant Sci.* 15:1478483. doi: 10.3389/fpls.2024.1478483.
50. The RanOmics group (J. Bachelier, A. Becker<sup>1</sup>, N. Conde e Silva, C. Damerval, C. Del Río, Y. Deveaux, **V. Di Stilio**, Y. Gong, E. Kramer, S. Nadot, N. Pabón-Mora and W. Wang)\*. **2023**. A cornucopia of diversity - Ranunculales as a model lineage. *Journal of Experimental Botany*: erad492. doi: [10.1093/jxb/erad492](https://doi.org/10.1093/jxb/erad492). \*Alphabetical authorship.
49. **Zahid, S.**, **A.F. Schulfer** and **V. Di Stilio**<sup>1</sup>. **2023**. A eudicot MIXTA family ancestor likely functioned in both conical cells and trichomes. *Frontiers in Plant Science (Plant Evo-Devo)* 14, doi: 10.3389/fpls.2023.1288961.
48. **Martínez-Gómez, J.**, S.Park, **S. Hartogs**, V. Soza, S. Park & **V. Di Stilio**<sup>1</sup>. **2023**. Flower morphology as a predictor of pollination mode in a biotic to abiotic pollination continuum. *Annals of Botany: mcad069*, doi: [10.1093/aob/mcad069](https://doi.org/10.1093/aob/mcad069).
47. **San Martin, J.**, R. Pozner and **V. S. Di Stilio**<sup>1</sup>. **2022**. Heterochrony and repurposing in the evolution of gymnosperm seed dispersal units. *EvoDevo* 13:7, doi: [10.1186/s13227-022-00191-8](https://doi.org/10.1186/s13227-022-00191-8).
46. Ramage E., V.L. Soza<sup>1</sup>, **Y. Jing**, **H. Deal**, V. Chudgar, B. Hall and **V. S. Di Stilio**. **2021**. Gene duplication and differential expression of flower symmetry genes in *Rhododendron* (Ericaceae). *Plants* 10 (10): 1994, doi: [10.3390/plants10101994](https://doi.org/10.3390/plants10101994).
45. Aranda-Rickert A<sup>1</sup>, J. Torréns, **N. Yela**, M. Brizuela & **V. S. Di Stilio**<sup>1</sup>. **2021**. Distance dependent contribution of ants to pollination but not defence in a dioecious, ambophilous gymnosperm. *Front. Plant Sci. (Funct. Ecol.)* 12: 1979. doi: [10.3389/fpls.2021.722405](https://doi.org/10.3389/fpls.2021.722405).
44. **Di Stilio, V.S.**<sup>1</sup> and S.M. Ickert-Bond. **2021**. *Ephedra* as a gymnosperm evo-devo model lineage. *Evolution & Development* doi: [10.1111/ede.12370](https://doi.org/10.1111/ede.12370).
43. **Arias, T.**, Riaño-Pachón, D.M. and **Di Stilio, V.S.**<sup>1</sup> **2021**. Genomic and transcriptomic resources for candidate gene discovery in the Ranunculids. *Applications in Plant Sciences* 9(1): e11407, doi: [10.1002/aps3.11407](https://doi.org/10.1002/aps3.11407).
42. **Martínez-Gómez, J.**, **K.D. Galimba**, **E.Y. Coté**, A. M. Sullivan and **V.S. Di Stilio**<sup>1</sup>. **2020**. Spontaneous homeotic mutants and genetic control of floral organ identity in a ranunculid. *Evol. & Dev.* 23 (3): 197-214. doi: [10.1111/ede.12357](https://doi.org/10.1111/ede.12357).
41. **Conway, S.J.** and **Di Stilio, V.S.**<sup>1</sup> **2020**. An ontogenetic framework for functional studies in the model fern *Ceratopteris richardii*. *Developmental Biology* 457, 20–29. doi: [10.1016/j.ydbio.2019.08.017](https://doi.org/10.1016/j.ydbio.2019.08.017).

40. Leebens-Mack, J.H., Barker, M.S....**V.S. Di Stilio** et al. **2019**. One thousand plant transcriptomes and the phylogenomics of green plants. *Nature* 574, 679–685. doi: [10.1038/s41586-019-1693-2](https://doi.org/10.1038/s41586-019-1693-2) (author 57/194, sample contributor, manuscript editor).
39. **Morales-Briones, DF, Arias, T, Di Stilio, V.S.<sup>1</sup>**, and Tank, DC.<sup>1</sup> **2019**. Chloroplast primers for clade-wide phylogenetic studies of *Thalictrum*. *Appl. Plant Sci.* 7(10), e11294. doi:[10.1002/aps3.11294](https://doi.org/10.1002/aps3.11294)
38. Pabón-Mora, N.<sup>1</sup>, **Di Stilio V.S.** and Becker, A. **2019**. eBook, Editorial: Genetic Regulatory Mechanisms Underlying Developmental Shifts in Plant Evolution. *Frontiers in Plant Science (Plant Evo-Devo)* 10:710. doi: [10.3389/fpls.2019.00710](https://doi.org/10.3389/fpls.2019.00710).
37. **Wang T., M. Clifford, J. Martínez-Gómez, J. Johnson, J. Riffell<sup>1</sup> and V.S. Di Stilio<sup>1</sup>.** **2019**. Scent matters: differential contribution of scent to insect response in flowers with insect vs. wind pollination traits. *Annals of Botany* 123 (2): 289-301, doi:[10.1093/aob/mcy131](https://doi.org/10.1093/aob/mcy131).
36. **Plackett A.R.<sup>§</sup>, S.J. Conway<sup>§</sup>, K.D. Hewett Hazelton, E.H. Rabbinowitsch, J.A. Langdale<sup>1</sup>, and V.S. Di Stilio<sup>1</sup>.** **2018**. *LEAFY* maintains apical stem cell activity during shoot development in the fern *Ceratopteris richardii*. *eLife* 7, e39625. <sup>§</sup>Equal contribution. doi: [10.7554/eLife.39625](https://doi.org/10.7554/eLife.39625). Faculty Opinions, 16 Oct 2018; [10.3410/f.734278787.793551403](https://doi.org/10.3410/f.734278787.793551403)
35. **Blischak, P.D.<sup>1</sup>**, M. Latvis, **D.F. Morales-Briones, J.C. Johnson, V.S. Di Stilio**, A.D. Wolfe, and D.C. Tank. **2018**. Fluidigm2PURC: Automated processing and haplotype inference for double-barcoded PCR amplicons. *Appl. Plant Sci.* 6 (6): e1156. doi:[10.1002/aps3.1156](https://doi.org/10.1002/aps3.1156)
34. **Lane K., M. Augustin, S. Ayyampalayam, A. Plant, S. Gleissberg, V.S.. Di Stilio, C dePamphilis, K-S. Wong, T. Kutchan, and J. Leebens-Mack<sup>1</sup>** **2018**. Phylogenomic Analysis of the Ranunculales with Resolution of the Papaveraceae. *Botanical Journal of the Linnean Society* 187 (2):157-166. doi: [10.1093/botlinnean/boy015](https://doi.org/10.1093/botlinnean/boy015)
33. **Galimba K.D., J. Martínez-Gómez & V.S. Di Stilio<sup>1</sup>.** **2018**. Gene duplication and transference of function in the paleo*AP3* lineage of floral organ identity genes. *Front. Plant Sci.* 9, 334. doi: [10.3389/fpls.2018.00334](https://doi.org/10.3389/fpls.2018.00334).
32. **Di Stilio V.S., Melzer R. and Hall J.C.** **2017**. Editorial: A Broader view for Plant EvoDevo: novel approaches for diverse model systems. *Front. Plant Sci.* 8:61, doi: [10.3389/fpls.2017.00061](https://doi.org/10.3389/fpls.2017.00061) and E-book, Frontiers Media SA.
31. **Soza V.L., C.D. Snelson, K. Hewett-Hazelton and V.S. Di Stilio<sup>1</sup>** **2016**. Partial redundancy and functional specialization of E-class *SEPALLATA* genes in an early-diverging eudicot. *Dev. Biol.* 419 (1):143-155, doi: [10.1016/j.ydbio.2016.07.021](https://doi.org/10.1016/j.ydbio.2016.07.021).
30. Stromberg C.<sup>1</sup>, **V.S. Di Stilio, Z. Song.** **2016**. Functions of Phytoliths in Vascular Plants: An Evolutionary Perspective. *Functional Ecology*, doi:[10.1111/1365-2435.12692](https://doi.org/10.1111/1365-2435.12692).
29. Plackett A.R.G., **V.S. Di Stilio** and J.A. Langdale<sup>1</sup>. **2015**. Ferns: the missing link in shoot evolution and development. *Front. Plant Sci.* 6:972. doi: [10.3389/fpls.2015.00972](https://doi.org/10.3389/fpls.2015.00972).
28. **Galimba, K.D. and V.S. Di Stilio<sup>1</sup>.** **2015**. Sub-functionalization to ovule development following duplication of a floral organ identity gene. *Dev. Biol.* 405, 158–172, doi: [10.1016/j.ydbio.2015.06.018](https://doi.org/10.1016/j.ydbio.2015.06.018).
27. **Soza V.L., V-N. Le Huyn and V.S. Di Stilio<sup>1</sup>.** **2014**. Pattern and process in the evolution of the sole dioecious member of Brassicaceae. *EvoDevo* 5(42): 1-17. doi: 10.1186/2041-9139-5-42.
26. **LaRue N.C., A.M. Sullivan and V.S. Di Stilio<sup>1</sup>.** **2013**. Functional recapitulation of evol. transitions in sexual system by homeosis during the evolution of dioecy in *Thalictrum*. *Front. Plant Sci.* 4 (487): 1-10, doi: [10.3389/fpls.2013.00487](https://doi.org/10.3389/fpls.2013.00487).

25. Soza V.L., K.L. Haworth and V.S. Di Stilio<sup>1</sup>. 2013. Timing and consequences of recurrent polyploidy in meadow-rues (*Thalictrum*, Ranunculaceae). *Molecular Biology & Evolution* 30(8): 1940-1954, doi: [10.1093/molbev/mst101](https://doi.org/10.1093/molbev/mst101).
24. Yuan Y.W., J.M. Sagawa, V.S. Di Stilio and H.D. Bradshaw, Jr<sup>1</sup>. 2013. Bulk segregant analysis of an induced floral mutant identifies a *MIXTA-like* R2R3 MYB controlling nectar guide formation in *Mimulus lewisii*. *Genetics* 194 (2): 523-528, doi: [10.1534/genetics.113.151225](https://doi.org/10.1534/genetics.113.151225).
23. Galimba K.D., T. Tolkin, A.M. Sullivan, R. Melzer, G. Theißen, V.S. Di Stilio<sup>1</sup>. 2012. Loss of deeply conserved C-class floral homeotic gene function and C- and E-class protein interaction in a double-flowered ranunculid mutant. *Proc. Nat. Acad. Sci.* 109 (34), E2267-75, doi: [10.1073/pnas.12036861](https://doi.org/10.1073/pnas.12036861).
22. Soza V.L., J. Brunet, A. Liston, P. Salles Smith and V.S. Di Stilio<sup>1</sup>. 2012. Phylogenetic insights into the correlates of dioecy in meadow-rues (*Thalictrum*). *Molecular Phylogenetics & Evolution* 63(1): 180-192, doi: [10.1016/j.ympev.2012.01.009](https://doi.org/10.1016/j.ympev.2012.01.009).
21. Diggle<sup>1</sup> P., V.S. Di Stilio<sup>1</sup>, A. Gschwend, E. Golenberg<sup>1</sup>, R. Moore<sup>1</sup>, J. Russell, J. Sinclair\*. 2011. Multiple developmental processes underlie sex differentiation in angiosperms. *Trends in Genetics* 27(9): 368-376, doi: [10.1016/j.tig.2011.05.003](https://doi.org/10.1016/j.tig.2011.05.003). \*Alphabetical authorship.
20. Di Stilio V.S.<sup>1</sup> 2011. Empowering Plant Evo-Devo: Virus Induced Gene Silencing validates new and emerging model systems. *Bioessays* 33(9): 711-718, [10.1002/bies.201100040](https://doi.org/10.1002/bies.201100040).
19. Nibau<sup>§</sup> C., V.S. Di Stilio<sup>§</sup>, HM Wu, AY Cheung<sup>1</sup>. 2010. Arabidopsis and Tobacco *SUPERMAN* regulate hormone signaling and mediate cell proliferation and differentiation. *J. Exp. Botany* 62 (3): 949-961, <https://doi.org/10.1093/jxb/erq325>. <sup>§</sup>Equal contribution.
18. Di Stilio<sup>1</sup> V.S., R. Kumar, A.M. Oddone, P. Salles, T.R. Tolkin, A.F. Schulfer and K. McCarty. 2010. Virus-Induced Gene Silencing as a Tool for Comparative Functional Studies in *Thalictrum*. *PLoS One*, 5(8): e12064, doi: [10.1371/journal.pone.0012064](https://doi.org/10.1371/journal.pone.0012064).
17. Di Stilio V.S.<sup>1</sup>, C. Martin, A.F. Schulfer, C.F. Connelly. 2009. An ortholog of *MIXTA-like2* controls epidermal cell shape in flowers of *Thalictrum*. *New Phytologist* 183: 718-728, doi: [10.1111/j.1469-8137.2009.02945.x](https://doi.org/10.1111/j.1469-8137.2009.02945.x).
16. Cheung A.Y., Q.H. Duan, S. Costa, B.H.J. de Graaf, V.S. Di Stilio, J Feijo, HM Wu. 2008. The Dynamic Pollen Tube Cytoskeleton: Live Cell Studies Using Actin-Binding and Microtubule-Binding Reporter Proteins. *Molecular Plant* 1 (4): 686-702, doi: [10.1093/mp/ssn026](https://doi.org/10.1093/mp/ssn026).
15. Di Stilio V.S.<sup>1</sup>, E.M. Kramer and D. Baum. 2005. Floral MADS box genes and homeotic gender dimorphism in *Thalictrum dioicum* (Ranunculaceae), a new model for the study of dioecy. *The Plant Journal* 41: 755-766, doi: [10.1111/j.1365-313X.2005.02336.x](https://doi.org/10.1111/j.1365-313X.2005.02336.x).
14. Kramer E.<sup>1</sup>, A. Jaramillo and V.S. Di Stilio. 2004. Patterns of gene duplication and functional evolution during the diversification of the *AGAMOUS* subfamily of MADS box genes in angiosperms. *Genetics* 166: 1011-1023, doi: [10.1093/genetics/166.2.1011](https://doi.org/10.1093/genetics/166.2.1011). Faculty of 1000.
13. Kramer E.<sup>1</sup>, V.S. Di Stilio and P. Schluter. 2003. Complex patterns of gene duplication in the *APETALA3* and *PISTILLATA* lineages of the Ranunculaceae. *International Journal of Plant Sciences* 164 (1): 1-11, doi: [10.1086/344694](https://doi.org/10.1086/344694).
12. Cheung A.Y, H-M. Wu, V.S. Di Stilio, R. Glaven, C. Chen, E. Wong, J. Ogdahl and A. Estavillo. 2000. Pollen-pistil interactions in *Nicotiana tabacum*. *Ann. Bot.* 85 (Sup.A): 29-37, doi: [10.1006/anbo.1999.1016](https://doi.org/10.1006/anbo.1999.1016).

11. Armbruster W.S.<sup>1</sup>, **V.S. Di Stilio**, J. Tuxill, T. Flores & J. Velazquez-Runk. **1999**. Covariance and Decoupling of Flower and Vegetative Traits in Nine neotropical plants: A Re-evaluation of R. L. Berg's Correlation-Pleiades Concept. *American Journal of Botany* 86: 39-55, [doi: 10.2307/2656953](https://doi.org/10.2307/2656953).
10. Vicari R.<sup>1</sup>, F. Menalled, **V.S. Di Stilio**, S. Ucha and N. Madanes. **1999**. Productividad y ciclo del nitrógeno en dos plantaciones de álamos (*Populus deltoides*) con diferentes dinámicas de inundación. *Physis Sec. C*, **57**(132-133): 41-51.
9. **Di Stilio V.S.**<sup>1</sup>, R.V. Kesseli and D.L. Mulcahy. **1998**. A pseudoautosomal random amplified polymorphic DNA marker for the sex chromosomes of *Silene dioica*. *Genetics* 149: 2057-62, [doi: 10.1093/genetics/149.4.2057](https://doi.org/10.1093/genetics/149.4.2057).
8. Zhang Y.H., **V.S. Di Stilio**, F. Rehman, A. Tucker, D. Mulcahy and R. Kesseli<sup>1</sup>. **1998**. Y-chromosome specific markers and the evolution of dioecy in *Silene*. *Genome* 41(2): 141-147, [doi: 10.1139/g97-094](https://doi.org/10.1139/g97-094).
7. Vicari R.<sup>1</sup>, F. Menalled, **V.S. Di Stilio** and N. Madanes. **1998**. Descomposición de la hojarasca en una plantación de álamos (*Populus deltoides*). *Physis, Sec. C* **56** (30-131): 9-13.
6. Cresti M.<sup>1</sup>, H.F. Linskens, D.L. Mulcahy, S. Bush, **V.S. Di Stilio**, M. Yu Xu, R. Vignani and A. Cimato. **1996**. Preliminary communication about the identification of DNA in leaves and in olive oil of *Olea europaea*. *Advances in Horticultural Science* 10:105-107, <https://www.jstor.org/stable/42881405>.
5. **Di Stilio V.S.** & R. Vicari<sup>1</sup>. 1995. Cuantificación de la caída y contenido de nutrientes de materiales del canopeo en plantaciones de *Populus deltoides*. *Physis (Buenos Aires) Sec. C*, **50** (118-119): 95-104.
4. **Di Stilio V.S.**<sup>1</sup>. **1994**. *Vigna* Savi en Argentina: Estudio Palinológico. *Boletín de la Sociedad Argentina de Botánica* 30 (1-2): 3-11. <https://botanicaargentina.org.ar/boletin-30-1-2/>
3. Agulló M.A., M.M. Brizuela, **V.S. Di Stilio**, P.S. Hoc, R.A. Palacios, J. Genise and P. Hazeldine **1993**. Relación unidad de polinización-visitantes florales en *Vigna luteola*. *Bol. Soc. Argent. Bot.* 29 (3-4): 131-138. <https://botanicaargentina.org.ar/relacion-unidad-de-polinizacion-visitantes-florales-en-vigna-luteola-leguminosae-phaseoleae/>
2. Brizuela M.M., P.S. Hoc, **V.S. Di Stilio**, M.A. Agulló, R.A. Palacios. **1993**. Biología floral de *Macroptilium bracteatum* (Leguminosae, Phaseoleae). *Darwiniana* 32: 41-57. <https://www.jstor.org/stable/23222955>.
1. Hoc P., **V.S. Di Stilio**, M. Agulló, M.M. Brizuela, R. Palacios, P. Hazeldine and J. Genise. **1993**. Biología floral de *Vigna longifolia* (Leguminosae, Phaseoleae). *Darwiniana* 32: 27-39. <https://www.jstor.org/stable/23222954>.

#### **Manuscripts under review or in revision**

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- McConnell, H. and **V S. Di Stilio**<sup>1</sup>. The evolution and development of LEAFY function. *J. Exp. Bot, Flowering Newsletter*, *in revision*.
- Di Stilio, V. S.**<sup>1</sup> and R. Zenil-Ferguson. All traits considered: The combinations that drive lineage diversification. *Evolution*, *in revision*.
- McConnell, H., A.R. Plackett, **V.S. Di Stilio**<sup>1</sup> and J. Maloof<sup>1</sup>. Sex-specific gene expression in gametophytes of *Ceratopteris richardii* correlates with expression of *LEAFY* orthologs, *in prep*.

### Other Publications (not peer reviewed)

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8. R.E. Pozner<sup>1</sup> and **V. S. Di Stilio**<sup>1</sup>. (2026). Gnetophytes: A Primer. *Current Biology* (Special issue on Land Plant Evolution), *in press*.
7. Botanical and paleobotanical societies: Perspectives, meetings, and opportunities for international connection. M. Jimena Franco and the IAC (**V. S. Di Stilio**, S. James, A. M. Richards, E. J. de Lirio, V. Garhwal, S. Koley, H. Cacanindin, M. Link-Perez, K. Cameron). *Plant Science Bulletin* (PSB) 2026.
6. **Di Stilio, V. S.** (2025) "Plant Evo-Devo: Gene Conservation and Repurposing". *Acta Zoológica Lilloana. II Congreso Latinoamericano de Evolución (II CLEVOL)*, pp. 27–29. [doi: 10.30550/j.azl/s182](https://doi.org/10.30550/j.azl/s182) (Conference Speaker Abstract).
5. Navigating the International Botanical Congress (IBC): Insights and Tips from participants of the XX IBC in Madrid, Spain. S. Shan, **V. S. Di Stilio**, S. James, J. Barcelona, o. A. Oso, F M. Ojo, A. Richards and E. J. de Lirio. *PSB* 71 (2) 2025: 87-91.
4. Research Spotlight: **Di Stilio Lab** studies growing branch of science: plant evolutionary developmental biology, by Sarah Pabin. *The Daily*, 5/23/2025. [https://www.dailyuw.com/science/research-spotlight-di-stilio-lab/article\\_f218a55e-93d2-4b69-a4c5-1476b3cb476f.html](https://www.dailyuw.com/science/research-spotlight-di-stilio-lab/article_f218a55e-93d2-4b69-a4c5-1476b3cb476f.html)
3. Science News (Biology) quote: "[Genes for seeds arose early in plant evolution, ferns reveal](#)" by Elizabeth Pennisi, reporter. 22 Sept 2022.
2. **Hartogs, S.** and **V. S. Di Stilio**. 2018. Doing Science with Ornamental Plants. *Bulb Science Newsletter* 16 (3): 4-5;10.
1. *Thalictrum* database. Liston & **V. S. Di Stilio**, 2010. <https://courses.biology.washington.edu/thalictrum/species/list>

### Invited Seminars, Symposia (\* presenter)

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| 2026 | Plenary speaker, Botany Graduate Student Association's Annual Botany Symposium, Botany Department, U. of British Columbia, Vancouver, April 13 <sup>th</sup> .  |
| 2025 | EMBO Plant evolution: from origins to diversification on land (Vienna, 11.25-27). Latin-American Evolution conference (Tucumán, Argentina, 7.22). Plant Evo-Devo: gene conservation and repurposing. Botany 2025 Gnetales Symposium (Palm Springs, CA, 7.28). <i>Ephedra</i> as a model clade for gymnosperm evo-devo.  |
| 2024 | Science Innovations Seminar, Unidad de Genómica Avanzada, Cinvestav, Irapuato, México (9.10.24). Evolutionary repurposing in plant reproduction. XX International Botanical Congress, Ranunculales Symposium (Madrid, 7.27). <i>Developmental genetics of floral traits associated with wind pollination in Thalictrum</i> . V. Di Stilio*, <b>A. García</b> .  |
| 2023 | Argentinian Society of Botany (Catamarca, Argentina, 9.23). Evolutionary Morphology Symposium. Heterochrony and repurposing in the evolution of gymnosperm seed dispersal units. J. San Martin, R. Póznér* and <b>V. Di Stilio</b> . NSF workshop: Leveraging innovations from evolution (Indianapolis, 8.14-16) University of Virginia, Department of Biology seminar series (3.10.23). Darwinion Institute (CONICET, Argentina). The Evo-Devo approach in Botany. |
| 2022 | EuroEvoDevo Conference, Ranunculales as model systems symposium (6.3.22) U. of California Davis, Plant Biology Program seminar series (3.10-3.11.22)  |
| 2021 | U. of Massachusetts, Amherst. Biology Dept Seminar Series (4.22.21, virtual)  |

- 2020 Plenary Lecture. 54th NW Developmental Biology (virtual, 3.20.21).  
Polyploidy Webinar , U. Arizona, M. Barker Lab (10.26).  
U. of Hawai'i Mānoa, School of Life Sciences (4.17, *cancelled due to COVID*).
- 2019 Floriculture Institute, INTA, Buenos Aires, Argentina (12.16).  
*The evolution of floral patterning*.  
Darwinion Botany Institute, Buenos Aires, Argentina (11.29)  
*Botany and the evo-devo approach*.  
XVI National Biodiversity Congress closing speaker, *The contribution of "Evo-Devo" to plant biodiversity*. (La Rioja, Argentina, 10.18).  
Wageningen U, Plant Developmental Systems, G. Angenent lab, (The Netherlands, 8.29), *Reconstructing the ancestral role of flowering pathway genes*.  
University of Osnabrück, Biology, Germany, S. Zachgo Lab (8.21)  
Humboldt University seminar speaker, K. Kaufmann Lab (Berlin, Germany, 8.9).  
U. of Groningen, GELIFES, sabbatical visiting professor (The Netherlands, 7.12).  
Reed College Biology Seminar speaker (Portland, OR, 2.22).
- 2018 University of Wisconsin Biology Colloquium (Madison, WI, 12.6).
- 2017 1) IX Latin American Soc. for Developmental Biology (Medellín, Colombia).  
2) XIX International Botanical Congress Symposium speaker (Shenzhen, China).  
3) PanAm Evo-Devo selected speaker (Calgary, CA).
- 2016 U. of Oregon. Dev. Biol. Training Program Seminar Series speaker (Eugene, OR).  
BEACON seminar series: *Evolutionary consequences of Polyploidy in plants* (5.27).
- 2015 Seattle developmental Biology Group Fall retreat speaker (Seattle, WA).  
Symposium organizer and speaker, *A Broader view for Plant EvoDevo: novel approaches for diverse model systems*, Botany 2015 (Edmonton, CA).
- 2013 Sabbatical Academic Visitor, U. Cambridge (B. Glover), U. Oxford (J. Langdale).
- 2012 Evolutionary Morphology seminar series speaker, U. of Chicago (Chicago, IL).  
SACNAS symposium speaker (Seattle, WA)  
Sta. Cruz Developmental Biology Meeting speaker (UC Sta. Cruz, CA).  
Inst. of Bot, Chinese Acad. of Sci. 2-week visiting scientist, speaker (Beijing, CN).  
Plant & Animal Genome XX speaker (San Diego, CA).
- 2011 Wayne State U Departmental Seminar speaker (Detroit, MI).
- 2010 NESCENT Catalysis meeting participant and speaker (Durham, NC).  
SDB Fall Retreat speaker and UW SAMPL seminar speaker (Seattle, WA).  
FASEB "Mechanisms in Plant Development" speaker (Saxtons River, VT).  
Plant and Animal Genome XX speaker (San Diego, CA).
- 2009 Oregon State U. "Bonnie Templeton Lecture" endowed speaker (Corvallis, OR).
- 2008 FASEB "Mechanisms in Plant Development" speaker (Saxtons River, VT).  
U. of Illinois seminar series speaker (Urbana-Champaign, IL).  
Western Washington University, Biology seminar speaker (Bellingham, WA).
- 2007 Symposium organizer and speaker, *Evolution of Flower Development: from Phenotypes to Genes*, joint BSA and ASPB meeting (Chicago, IL).
- 2006 U. of California Dept. of Botany & Plant Sciences seminar speaker (Riverside, CA)  
Humboldt State U., Biology Grad Student Assoc. seminar speaker (Arcata, CA).  
Ohio University, Environmental and Plant Biology seminar speaker (Athens, OH).  
Northwest Developmental Biology Conference speaker (Friday Harbor Labs, WA).
- 2005 ASPB symposium Variation and Evolution in Plant Development (Seattle, WA).

- 2004 6<sup>th</sup> Seattle Dev. Biol. Retreat, Sex determining mechanisms in plants (Seattle, WA).  
 2003 UW Department of Biology seminar speaker (Seattle, WA).  
 1999 Mt. Holyoke College, Biological Sciences seminar speaker (South Hadley, MA).  
 1997 Harvard University Herbarium seminar speaker (Cambridge, MA).  
 1994 U. of Massachusetts, Organismic and Evol. Biology seminar speaker (Amherst, MA).

**Conferences: contributed talks and posters**      **undergraduate, graduate, postdoc**      \*presenter

- 2026 SICB (Portland, OR, Jan 5-7). 1) Stigma development genes controlling carpel features relevant to pollination. A. Garcia\* & V. Di Stilio. 2) Conserved floral organ gene function in *M. minimus*. A. Klein\*, A. Garcia & V. Di Stilio.
- 2025 Botany 2025 (Palm Springs, CA, 7/27-30). 1) *LEAFY* demonstrates ancestral reproductive functions in the gametophyte and not the sporophyte of the fern *Ceratopteris richardii*. H. McConnell\*, J. Lanclos, K. Willis, N. Gjording, G. Stockmann, C. Lind, J. Maloof, A. Plackett and V. Di Stilio. 2) Stigma and style development genes controlling carpel features relevant to wind pollination. A. García\* & V. Di Stilio.
- 2024 Botany 2024 (Grand Rapids, MI, 6/17-6-19). *The Role of Conserved Style Development Genes in Wind Pollination Syndrome*. A. García\*, S. Strode, V. Di Stilio. b) *Reconstructing the Origin of Reproductive Function for the Flower Development Gene LEAFY*. H. McConnell\*, J. Lanclos, N. Gjording, G. Stockman, J. Maloof, A. Plackett and V. Di Stilio.
- XX International Botanical Congress (Madrid, 7/21-7/27). *Reconstructing the Origin of Reproductive Function for the Flower Development Gene LEAFY*. H. McConnell, J. Lanclos, N. Gjording, G. Stockman, J. Maloof, A. Plackett and V. Di Stilio\*.
- b) *Heterochrony and repurposing in the evolution of gymnosperm seed dispersal units*. R. Pozner\*, J. San Martin, C. Nolan, T. Michael and V. Di Stilio.
- 2023 1) Botany 2023 (Boise, ID, 7/23-27). *Virus induced over expression supports a novel role for MIXTA-like in stigmatic papillae*. S. Zahid, A. García and V. Di Stilio\*.
- 2) SDB (Chicago, IL, 7/20-23). The flower meristem identity gene *LEAFY* affects the development of the haploid and diploid phase in ferns. H. McConnell\*, J. Lanclos, N. Gjording, G. Stockmann, J. Maloof, A. Plackett and V. Di Stilio.
- 2022 1) Botany 2022 (Anchorage, Alaska). Novel Roles for a Plant Epidermal Transcription Factor in Early Diverging Eudicots. Zahid, S\* and V. Di Stilio.
- 2) SDB and PanAm Evo Devo (Vancouver, Canada). McConnell, H\*, R. Plackett and V. Di Stilio. Functional evolution of *LEAFY* in the fern *Ceratopteris richardii*.
- 2021 1) Botany 2021 virtual (7/19-23). *A structural model for a key innovation in seed plant reproduction: Fleshy diaspores in the gymnosperm Ephedra (Gnetales)*. Di Stilio, V\*, San Martin, J, Pozner, R, Nolan, C.
- 2) Evolution 2021 (6/21-25). *The role of trait Integration and timing in lineage diversification in a perennial herb*. Di Stilio, V.\*, Zahid, S., Zenil-Ferguson, R.
- 2020 Botany 2020 (virtual, 7/27-29): a) *Reproductive biology of South American Ephedra*, A. Aranda-Rickert\*, M. Brizuela, J. Torrén and V. Di Stilio, talk. b) *Phylogenetic patterns of trait evolution in *Thalictrum*: the role of integration, timing and interdependence in lineage diversification*. R. Zenil-Ferguson & V. Di Stilio\*, talk.
- 2019 1) Botany 2019 (Tucson, AZ, 3.29), *Natural homeotic mutants and genetic control of floral organ identity in a ranunculid*. J. M-Gómez\*, K. Galimba, E. Coté, A. Sullivan

- and **V. Di Stilio**, talk.
- 2) XVI National Biodiversity Congress, Plant-animal interactions symposium (La Rioja, Argentina, 10.15), *Evolution of wind pollination syndrome in Thalictrum*, talk.
- 3) Flower Development Workshop (Giens, France, 6.21), *The ABC model of flower development in non-core eudicots: a functional synthesis in a ranunculid*, talk.
- 2018 Botany 2018 (Rochester, MN, 7.21-26): a) *Characterizing wind pollination syndrome, its tempo and mode of evolution in Thalictrum (Ranunculaceae)*. **V. Di Stilio**, **S. Hartogs**, **J. M-Gómez**, D. Tank, talk. b) *An ontogenetic framework for functional studies in the model fern Ceratopteris richardii*. **S. Conway\*** and **V. Di Stilio**, poster.
- 2017 1) Botany 2017 (Fort Worth, TX). *LEAFY function in the model fern Ceratopteris richardii: reconstructing the ancestral role of a flowering meristem identity gene*. **S. Conway\*** & **V. Di Stilio**, talk.
- 2) Evolution 2017 (Portland, OR). *Reconstructing the ancestral function of a floral pathway gene*. **H. Blazina\***, **C. Matzke\***, K. H-Hazelton, **S. Conway**, **V. Di Stilio**, poster.
- 2016 1) Botany 2016 (Savannah, GA, 7.30-8.3) *The ABC model of flower Development in non-core eudicots*, talk. 2) *Reconstructing the ancestral role of a key transcription factor*, **V. Di Stilio\***, K. Hewett Hazelton and **M. Wong**, poster.
- 2) BEACON Congress (East Lansing, MI, 8.9-13), *Evolutionary consequences of polyploidy in plants*. **V. Di Stilio\*** and D. Tank, talk.
- 3) EvoWibo (Fort Worden, WA, 4.14-16). *Reconstructing the ancestral role of a key flowering transcription factor*. **V. Di Stilio\***, K H-Hazelton and **M. Wong**.
- 2015 Botany 2015 (Edmonton, Canada). *Duplication and Divergence of the Floral Organ Identity Genes*. **K. Galimba\***, **J. Martínez-Gómez**, **V. Di Stilio**, talk.
- 2014 Botany 2014 (Boise, ID). 1) *Gene duplication, partial redundancy and neo-functionalization in the APETALA3 lineage of floral organ identity genes*. **K. Galimba\***, **J. Martínez-Gómez** and V. Di Stilio. 2) Mechanisms of Polyploidy in Thalictrum (Ranunculaceae). **J. Johnson\***, **V. Soza** and V. Di Stilio, poster. 3) Jumping genes and double flowers. **E. Côté\***, **K. Galimba** and V. Di Stilio, poster.
- 2013 Botanical Society of America, New Orleans, 7/28. **K. Galimba\*** and V. Soza\*.
- 2012 1) PAG 2012. *Deep conservation of class C floral homeotic gene function in a ranunculid*. **V. Di Stilio\***, talk. 2) Euro Evo Devo Conference (Lisbon). *Homeotic cultivars of Thalictrum thalictroides enable a forward genetics approach to flower organ identity evolution*. **V. Di Stilio\***, A. Sullivan, A. Schulfer and N. LaRue V. Di Stilio\*. 3) Sta. Cruz Dev. Biol. Meeting, Innovations in Development. *Testing the ABC model of flower development: flower homeotic gene function beyond traditional model plants*. **V. Di Stilio\***. 4) SACNAS attendee (student recruitment).
- 2011 Botany 2011. *Multiple developmental processes underlie flower sex differentiation in angiosperms*. P Diggle\*, **V Di Stilio** et al., talk.
- 2010 1) PAG 2010 (San Diego, CA). 2) SDB NW meeting FHL: *Structure and function of AGAMOUS in a basal Eudicot*. **T. Tolkin\***, K. Galimba, A. Oddone, **Di Stilio**, talk. Tolkin\*, Di Stilio. *Honorable Mention, best student talk*. 3) FASEB Mechanisms in Plant Development (Saxtons River, VT). *Organ Identity and Elaboration in the Evolution of Floral Diversity in Thalictrum, a Non-Core Eudicot*. **V. Di Stilio\***, **T. Tolkin**, K. Galimba, P. Salles, K. McCarty and N. LaRue, talk

- 2009 Evolution (Moscow, ID). *Evolution of Flower Development in Thalicttrum*. **V. Di Stilio\***, A. Oddone, **A. Schulfer**, talk.  
25<sup>th</sup> Symposium in Plant Biology: The Evol. of Plant Dev. (UC Riverside, CA), poster.
- 2008 Botany 2008 (Vancouver, BC). 1) *Functional analysis of floral genes by viral induced gene silencing in Thalicttrum*. **V. Di Stilio\*** & **R. Kumar**, talk. 2) *Molecular studies of floral evolution in Vireya Rhododendrons*. A. Mullenix\*, **V. Di Stilio**, B. Hall. 3) FASEB (Saxtons River, VT). *Developmental Genetics of Pollination-Related Floral Phenotypes in Thalicttrum*. **V. Di Stilio\***, C. Connelly and A. Schulfer.
- 2007 Botany and Plant Biology Joint Congress 2007 (Chicago, IL). *Genetic underpinnings of shifts in pollinator-related floral phenotypes in Thalicttrum*. **V. Di Stilio\***, talk.
- 2006 Botany 2006, (Chico, CA). 1) *Evolution of petaloidy and insect pollination in Thalicttrum (Ranunculaceae)*. **V. Di Stilio\*** & **C. Connelly**. 2) *Evolution of Breeding system and genome size in Thalicttrum*. J. Brunet, **V. Di Stilio\*** & A. Liston, talks.
- 2005 Plant Genetics Specialty Conference, ASPB (Snowbird, UT), poster.
- 2004 Botany 2004 (Snowbird, UT). *Thalicttrum in the study of the genetics of sex determination*. **V. Di Stilio\*** and X. Chen, poster.
- 2003 1) Botany 2003 (Mobile, AL). *Floral MADS box genes and the evolution of dioecy by homeosis in meadow rues*. **V. Di Stilio\***, Baum and Kramer, talk. 2) Mechanisms of Genetic Variation (Snowbird, UT), poster.
- 2002 1) Botany 2002 (Madison, WI). *Sex-specific expression of MADS box genes in dioecious meadow rues: evidence of homeotic sexual dimorphism*. **V. Di Stilio\***, D. Baum and E. Kramer, talk. 2) Flowers: Div., Dev. & Evol. (U. Zürich), poster.
- 2001 Evolution (Knoxville, TN). *Floral MADS-box genes and the evolution of floral dimorphism in dioecious meadow rues*. **V. Di Stilio\***, talk.
- 1996 Botany 1996 (Seattle, WA). *Sex-linked molecular markers identify crossing-over between the X and the Y sex chromosomes in Silene dioica*. **V. Di Stilio\*** talk.
- 1995 Pop. Bio. New Engl (CT), AIBS (San Diego, CA) and Evolution (Montreal, CA), talks. *Sex-linked RAPD markers and sex chromosome genetic variation in the dioecious angiosperms Silene latifolia and S. dioica*. **V. Di Stilio\***, R. Kesseli and D. Mulcahy.
- 1993 1) IV Botany Simposium, La Habana, Cuba. *Palynological analysis flowering vegetation of Rivadavia Park (Argentina)*, poster. 2) Int. Legume Conference, Kew, UK. *Pollination mechanisms of four Argentinean species of Phaseolinae*, poster.
- 1991 Argentinian Society of Botany (Bariloche, Argentina). 1) *Palynological study of Vigna Savi in Argentina*. 2) *Pollination unit and floral visitors in Vigna luteola, V. adenantha, V. longifolia and Macroptilium bracteatum (Leguminosae)*, posters
- 1989 1) Argentinian Society of Ecology (Jujuy, Argentina). *Litterfall and mineral cycling in Populus deltoides stands*, poster. 2) Latin-American Ecology Congress (Montevideo, Uruguay): *Biomass, productivity and nutrient cycling in forested ecosystems*, poster.

## Teaching

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### University of Washington, Seattle

- 2023-present Biol 442 Genetics of Plant Innovations (3 cr, 48 seats, Spr.).  
2006-present Biol 441 Trends in Land Plant Evolution (5 cr. with lab, 48 seats, Aut).

- 2014-2023 Biol 489 A/590 B Sr/Grad Sem, Evol. of Plant Development (2 cr, 15-20 students, Spr). Taught also in 2012, 2006, 2007 and 2004.  
2015 Biol 540: Evodevo Seminar (1 cr, Wtr).  
2011, 09, 08, 06, 04 Biol 180 Intro. Biol. (Gen. & Evol. first half, 5 cr, 379-480 students, Aut).  
2006 HHMI Science Education Program, Biol 441 course development (Sum).  
2006-present Biol 551H Plant Evo-Devo Lab. meeting (1 cr, every quarter).  
2003-present Biol 499, undergraduate research (2-4 cr, 2-3 students/quarter).

#### Harvard University

- 2002-03 Temporary Academic, Genetics and Genomics (D. Hartl & W. Gelbart, 2 semesters).  
2000-01 Senior tutorial "Plant Sexual Reproduction: Evolutionary and Molecular Aspects" (self-designed and taught for 2 semesters).

#### University of Massachusetts, Amherst

- 1992-96 Teaching assistant, Department of Biology: Introductory Biology for Science majors, Introductory Botany for science and non-science majors.

#### Universidad de Buenos Aires, Argentina

- 1988-92 Teaching assistant, Department of Biology: Introductory Ecology; Community and Ecosystem Ecology; Introductory Molecular and Cellular Biology.

#### Other course development

- 2019 Graduate course: "Jornadas Evo-Devo", CRILAR-CONICET, La Rioja (Argentina). Oct 18-22 (34 hrs., 8 students, in Spanish).

#### Guest lectures

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- 2020 Plant Research Group research presentation, UW (Nemhauser/Ruesink)  
2019 Plant Evo-Devo (2 lectures), Plant Biodiversity, U. de La Rioja, Argentina (Brizuela)  
2017 Plant evo-devo lecture for Greening of the Earth, Biol 447 UW (Stromberg).  
2016 Flowers, endless forms most beautiful, for Research Exposed! Approaches to Inquiry (UW Undergraduate Research Program).  
2015 Flower Evo-Devo, Mol. Mechanism of Plant Development, UW Biol 416 (Imaizumi).  
2011 Experimental Ecology and Evolution, UW Biol 481 (Kerr).  
2009 Mock NSF panel leader for UW Biol 502 Grant Writing (Nemhauser).  
2008 "Parade of Stars" lab research presentation, UW Biol 490C (Stromberg).  
2006 Plant Evo-Devo for UW Biol 317, Plant Classification and Identification (Olmstead).  
2004 Plant development lecture for UW Biol 411, Developmental Biology (Swalla).  
1998 2 lectures, Plant Biology for Intro. Bio, Mt. Holyoke College, MA (Hall).  
1994 Costa Rica's tropical flora, Tropical Ecology, Dept. of Biology, U. Mass. (Godfrey).

#### Professional activities

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- 2023-2026 International Affairs Committee (chair, 2025), Botanical Society of America.  
2022-2023 Program Committee member, Soc. Dev. Biol. (SDB) 2023 Meeting (Chicago).  
[Research Topic](#) co-editor (with N. Sinha), Front. Plant Sci. Model organisms in plant developmental biology: their effectiveness and limitations (10 articles).

- 2016-present [Associate Editor](#), Frontiers in Plant Science-Plant Development and EvoDevo, edited 30 manuscripts and three Research Topics.  
<https://loop.frontiersin.org/people/26268/overview>
- 2018-19 [Research Topic](#) and E-book co-Editor (with N. Pabón-Mora, A. Becker), Front. Plant Sci. Genetic regulatory mechanisms underlying developmental shifts in plant evolution. (18 articles).
- 2017-present Tenure review external evaluator, 2 national, 1 international (Chinese Academy of Sciences). External reviewer for Promotion to full Professor (1 national).
- 2016-18 Program Director, BSA, Development & Structure Section.
- 2015 [Research Topic](#) and E-book Editor (with R. Melzer, J. Hall), Front. Plant Sci. A Broader view for Plant EvoDevo: novel approaches for diverse model systems (14 articles).
- 2013-15 Moseley Award Committee (3 year), committee chair (2015), BSA.
- 2010-16 Review Editor, Frontiers in Plant Evolution & Development.
- 2010-12 Twice NSF-IOS panel member (17 pre-proposals, 15 proposals).
- 2008-10 Karling Graduate Student Research Award committee, 3-year term, BSA.
- 2006 NSF-IOS panel member (11 proposals).
- 2003-present *Ad hoc* journal reviewer (79 total): New Phytologist (16), Frontiers in Plant Sci. (FPS, 8), J. Exp. Bot. (5), Plant Phys. (5), The Plant Cell (4), Int. J. Plant Sci. (4), Am. J. Bot. (3), Mol. Biol. & Evol. (3), EvoDevo (3), Plant Rep. (3), Current Biology (2), Ann. Bot. (2), Int. & Comp. Biol. (2), Science (1), Nature Com. (2), PNAS (1), eLife (1), Am. Nat. (1), Quantitative Plant Biol (1), Trends in Plant Sci (1), Plant Biotech. J. (1), Mol. Phyl. & Evol. (MPE, 1), Heredity (1), BMC Plant Biol. (1), Planta (1), Plant Phys. & Biochem. (1), Int. J. Plant Dev. Biol (1).
- 2003-present *Ad hoc* grant reviewer for: Human Front. Sci. Progr, NSF (IOS and DEB, CAREER, Dev. Systems, Funct. & Reg. Systems, Plant Gen. Res., Pop. & Evol. Proc.), BBSRC (UK), UKRI, ANR (France), Israeli Sci. Found.

### Postdoctoral mentoring

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- 2016-2018 Stephanie Conway (U. of Queensland postdoc).
- 2015 Tatiana Arias, visiting postdoc (Marie Selby Botanical Gardens, FL).
- 2010-14 Valerie Soza (Scientific Editor, Infectious Disease Research Inst., Seattle, WA).
- 2011-12 Corey Snelson.
- 2009 Christina (Pince) Owen (UW Botanic Gardens director, Seattle, WA).

### Graduate mentoring

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- 2023-present Anthony Garcia (chair)
- 2026 External Ph.D. thesis evaluator, Leonardo Gatica, U. Nacional de Cuyo, Mendoza, Argentina (Dr. Sánchez-Puerta, advisor). *Análisis integral de la transferencia horizontal en plantas holoparásitas de los géneros Lophophytum y Ombrophytum (Balanophoraceae)*.
- 2019-2025 Hannah McConnell, chair. Ph.D. 2025. Reconstructing the evolution of gene function for a master regulator of flowering: *LEAFY* in the fern *Ceratopteris richardii*
- 2020-present Antonella Diaz Casas (CONICET, Argentina), co-chair.  
Andrew Hempton (Imaizumi, chair), committee member.

- 2020-2023 Adamaris Muñoz Tirado (Kerr, chair), MSc. committee member. *Persistence under pressure: the impact of conjugation rate evolution on the stability of plasmids.*  
Anna Malesis, MSc. committee member (M. Alberti, Urban Design & Planning).  
*Urban Landscape Complexity as a Driver of Urban Evolution in White Clover.*
- 2020-2022 Melody Sain (Ph.D., U. Wisconsin, D. Baum, chair), committee member. *Parallel origin of sex determination and homeotic sexual dimorphism in *Thalictrum*.*
- 2019-2021 Simra Zahid, chair. MSc. 2021. *A Gene of Many Functions: Novel Roles for a Plant Epidermal Transcription Factor in Early Diverging Eudicots.*
- 2018-2019 Jing Yi, visiting graduate student faculty advisor.
- 2014-2019 Melissa Lacey, committee member (Van Volkenburgh, chair).
- 2015-2016 Kelsie Morioka, temporary advisor.
- 2009-2015 Kelsey Galimba, chair. Ph.D. 2015 (Ass. Prof. OSU, 2020-present).  
*Duplication and Functional Divergence in the Floral Organ Identity Genes.*
- 2012-2017 John Chau, reading committee member (Olmstead, chair).
- 2009-2014 Kelsey Byers, committee member.
- 2008-2013 Kylee Peterson, committee member (Torii, chair).
- 2008-10 Anne Mullineux, co-chair (Hall, chair).
- 2004-09 Christina Pince, committee member (Bradshaw, chair).
- 2004-10 Valerie Soza, reading committee member (Olmstead, chair).
- Rotations Jo Bui (Aut 2025), Chansie Yang (Wtr 2024), Anthony Garcia (Wtr, Spr 2023), Janet Solano (Wtr 2022), Hannah McConnell (Spr 2021), Christine Nolan (Wt 2021), Simra Zahid (Sum 2020), Miles Fenske (2010), Kelsey Byers (2008), Rachana Kumar (2007-08), Patricia Montañó (2007).
- Tutorials William Albers and Anthony Garcia (Wtr 2024), Alex Lowe (2019)

### **Undergraduate mentoring**

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- 2003-present Mentored 43 students, 13 co-authored peer-reviewed articles, 12 pursued biomedical careers (1Ph.C., 5 Ph.D., 2 M.Sc, 1 MD, 1 DMD, 1 DO, 1 OD), 2 Museology MA.
- 2024-2025 Isai Mendoza (TRIO), Catalina Lind, Avery Klein, Joseph Gesell, Saya Natsume..
- 2023-2024 Katie Willis (Frye-Hottson-Rigg (FHR), Sargent), Sasha Strode (Mary Gates).
- 2021-2023 Ethan Ricobelli, Nicholas Gjording (FHR), Genevieve Stockman
- 2017-19 Samantha Hartogs (Mary Gates, FHR, Bulb Society award, M. Ed. student); Brittany Dean (Adaptive Biotech.); Michael Kastama (Pace Inter. lab.).
- 2017 Courtney Matzke (FHR, WSU M.S.); Henry Blazina (Mary Gates).
- 2016 H. Blazina; Melissa Wong; [Jesús Martínez-Gómez](#) (ALVA-GenOM, NIH McNair fellow, NSF-CHOOSE Development, Cornell Ph.c.).
- 2015 Mary Swadener (ALVA-GenOM summer intern, Emerging Researchers Nat. Conf. (ERNC) best poster; Adaptive Biotech. Computational Biologist).
- 2014-15 Jonathan Yee (ALVA-GenOM, ERNC best poster); J. M-Gómez; Jens Johnson (Mary Gates, FHR, Mary Garrett, honors thesis, BSA research award, UBC M.Sc. 2018).
- 2012-14 J. M-Gómez; J. Johnson; Max McDermott; Richie Lee.
- 2011-12 Theresa Wang (Mary Gates, REU, honors thesis, UW MD 2019, surgery resident); Erin Coté (Mary Gates, REU, honors thesis, Husky 100 2019, UW M.A. Museology 2019, Gates Foundation); Kendall Haworth (REU).
- 2010-11 Theresa Pak; Sarah Choe; Luissana Gómez (ALVA-GenOM summer intern).

- 2009-10 Nicole la Rue (HHMI, Mary Gates, FHR, UW M.A. Museology 2018, Woodland Park Zoo); Theadora Tolkin (REU, NYU PhD 2016, NYU postdoc); Kacie McCarty (NASA-SURP, FHR); Rebecca de Frates (ALVA-GenOM summer intern).
- 2008-09 Viet Nam Le Huyhn; Nadya Ali (ALVA-GenOM summer intern).
- 2007-08 Brittany Ng (Berkeley OD); Jason Naud; Anjelique Schulfer (Mary Gates, Honors thesis, NYU PhD).
- 2005-07 Laura Eiford (Mary Gates, honors thesis); Caitlin Connelly (Mary Gates, FHR, UW Genome Sciences PhD 2014, UMass Med. postdoc, Calico Life Sci. Data Scientist); Christean Jenkins (ALVA-GenOM summer intern).
- 2003-04 Parisa Aalami-Monelli; Melissa Horton; Lisa Ching; He Yang Bo (Sichuan U.).  
Chen Xuening (Sichuan U.); Sean Schneider (UW Genome Sciences PhD, Hutch postdoc); Huy Nguyen; My Linh Tranh; Andrea Crosson.

### Service

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- 2026 Bonderman Travel Fellowship reviewer, University of Washington.
- 2024-2026 Undergraduate Program Committee, UW Biology.
- 2022-2023 UW (Biology) Pod Captain 5<sup>th</sup> floor East, Life Sciences Building.  
Fulbright U.S. Student Program, UW interview committee (repeats yearly).
- 2021-2023 Greenhouse committee chair.
- 2017-2021 Biology Diversity and Equity Committee.
- 2020 Fulbright U.S. Student Program Campus interview committee (evaluate UW applicants, provide feedback to strengthen their applications). Sept 18.  
Fulbright US-Egypt reviewer for Plant Biology applications (7). Nov 30.
- 2018 Greenhouse manager search committee.
- 2016 Biology lecturer search committee (5 positions).
- 2015-16 Biology Greenhouse Committee. UW Undergrad Research Symposium chair (twice).
- 2015 Undergraduate Program Committee. UW Royalty Research Fund committee.
- 2005-14 Graduate Program Committee, Seminar Committee (Biology).  
Mary Gates Endowment review committee (UW, previously in 2008, 2012).

### Outreach

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- 2025 Pollinator Group (P-patch Seattle program). Pollinator Day activity organizer.
- 2024 Undergraduate Academic Affairs, Undergraduate Research: Foundations and Exploration (GEN ST 220) lab visit (~15 students).
- 2023 Office of Minority Affairs and Diversity (OMAD) first-generation college student's lab tour (with Di Stilio lab participants), 4.11.23.  
Femme2STEM lab tour (led by H. McConnell, Ph.c.) 3.17.23
- 2022 "The People behind The Science" [podcast](https://www.peoplebehindthescience.com/dr-veronica-di-stilio/), hosted by Marie McNeely (3.7.22)
- 2015-2019 Girls in Science, UW Burke Museum of Natural History with V. Soza, March.
- 2018 Panelist, Diversity in Evolutionary Biology, U. Wisconsin (Madison, 12/6).  
Panelist, Undergraduate Research Intensive for Community College Transfer Students, UW Undergraduate Research Program (Seattle, 10/12).
- 2013-2016 Mentor, Choose Development Program (NSF), Jesús Martínez-Gómez.
- 2013 Panelist, Sabbaticals, Mentoring-for-leadership (UW ADVANCE, NSF).

## V. S. Di Stilio-CV

- 2012 Mentor, Women in Technology Sharing Online, support undergrads in STEM.  
2010-2017 National Lab Day participant, lab tours to 5<sup>th</sup> graders, Dept. Biology, UW.  
2007-2015 Mentor, UW Genomics Outreach for Minorities, ALVA-GeNom, 7 interns.  
2010 Native Plant Soc. invited speaker, Center for Urban Hort. (Seattle, WA).  
2009 UW Future Faculty Fellow Symposium Panel speaker, Faculty with children (Seattle, WA).  
2006-07 Advisor, public science education campaign, Hispanic Communications Network.

### **Membership in Societies**

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- 1998-present (life) Botanical Society of America (BSA).  
2000-present (life) Society for the Study of Evolution (SSE).  
2015 (founded)-present PanAmerican Society of Evolutionary Developmental Biology (PanAm Evo-Devo).  
2022-present American Society for the Advancement of Science (AAAS).  
2012-2025 Society for Developmental Biology (SDB).