

Amy Litt

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Professional Preparation

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|---|-------------------------|----------------------|
| Brown University, Providence, RI | Biology | B.A., 1975 |
| Yale University, New Haven, CT | Biology | M. Phil., 1982 |
| New York Botanical Garden/City University of New York, Bronx, NY | Plant Sciences | Ph.D., 1999 |
| Yale University, New Haven, CT | Plant Molecular Biology | Post-doc., 1999-2004 |

Appointments

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| 2017 – | Associate Professor of Plant Evolution and Development, University of California, Riverside, Riverside, CA |
| 2015-2017 | Assistant Professor of Plant Evolution and Development, University of California, Riverside, Riverside, CA |
| 2012-2014 | Program Officer, National Science Foundation, Divisions of Integrated Organismal Systems and Environmental Biology, Arlington, VA |
| 2005-2014 | Director of Plant Genomics and Cullman Curator, The New York Botanical Garden, Bronx, NY |
| 2004-2005 | Assistant Professor. Department of Biological Sciences, University of Alabama, Tuscaloosa, AL |
| 1999-2004 | Post-Doctoral Fellow. Department of Molecular, Cellular, and Developmental Biology, Yale University, New Haven, CT |
| 1996-1997 | Lewis B. and Dorothy Cullman Fellow in Molecular Systematics. NY Botanical Garden |
| 1992-1996 | Herbarium Assistant. The New York Botanical Garden, Bronx, NY |
| 1985-1992 | Teacher. Horace Mann-Barnard School, Bronx, NY |

Select publications

- Huang, Y, G. R. Morrison, A. Brelsford, J. Franklin, D. D. Jolles, J. E. Keeley, V. T. Parker, N. Saavedra, A. Sanders, T. R. Stoughton, G. A. Wahlert, and A. Litt. In press. Subspecies differentiation in an enigmatic chaparral shrub species. *American Journal of Botany*.
- McCarthy, E. M., J. Landis, A. Kurti, A. Lawhorn, and A. Litt. The genetic basis of flower color differences in *Nicotiana tabacum*. N. Sierro and N. Ivanov, Eds. Book chapter, in press. *The Tobacco Plant Genome*. Springer Nature Scientific Publishing Services.
- Yost, Jenn M., K. D. Pearson, and 38 additional authors. 2020. The California Phenology Collections Network: Using Digital Images to Investigate Phenological Change in a Biodiversity Hotspot. *Madrono* 66: 130-141.
- Maheepala, D., C. Emerling, A. Rajewski, J. Macon, M. Strahl, N. Pabón-Mora, and A. Litt. Evolution and diversification of *FRUITFULL* genes in Solanaceae. 2019. *Frontiers in Plant Science* (invited paper, special issue on Genetic Regulatory Mechanisms Underlying Developmental Shifts in Plant Evolution. DOI 10.3389/fpls.2019.00043

- McCarthy, E. M., J. M. Landis, A. Kurti, A. J. Lawhorn, M. W. Chase, S. Knapp, Steven C. Le Comber, A. R. Leitch, and A. Litt. 2019. Early consequences of allopolyploidy alter floral evolution in *Nicotiana* (Solanaceae). *BMC Plant Biology* DOI:10.1186/s12870-019-1771-5
- McCarthy, E. W., A. Mohamed, and A. Litt. 2015. Functional divergence of *APETALA1* and *FRUITFULL* is due to changes in both regulation and coding sequence. *Frontiers in Plant Evolution and Development* 6:1076. doi: 10.3389/fpls.2015.01076
- Welt, R., A. Litt, and S. Franks. 2015. Population genetic changes following rapid evolution of flowering time in *Brassica rapa*. *AoB PLANTS* 7: plv026; doi:10.1093/aobpla/plv026.
- Meyer, R. S., M. Bamshad, D. Q. Fuller, and A. Litt. 2014. Comparing medicinal uses of eggplant and related Solanaceae in China, India, and the Philippines suggests the independent development of uses, cultural diffusion, and recent species substitutions. *Economic Botany* 68:137-152.
- Pabón-Mora, N, B. Sharma, L. Holappa, E. Kramer, and A. Litt. 2013. The *Aquilegia FRUITFULL*-like genes play key roles in leaf morphogenesis and inflorescence development. *Plant Journal* 74(2):197-212.
- Pabón-Mora, N., B. Ambrose, and A. Litt. 2012. Functional characterization of poppy *FRUITFULL*-like genes and implications in the evolution of the *APETALA1/FRUITFULL* gene lineage. *Plant Physiology* 158: 1685-1704.
- Meyer, R., K. Karol, D. Little, M. Nee, and A. Litt. 2012. Phylogeographic relationships among Asian eggplants and new perspectives on eggplant domestication. *Molecular Phylogenetics and Evolution* 63: 685-701.

Select service

- Graduate Advisor for Continuing Students, Plant Biology Graduate Program, UCR (2017-)
- Herbarium Director, UCR(2017-)
- Program Director, Botanical Society of America (2014-2020).
- Member, Center for Integrative Biological Collections, Center for Conservation Biology, Institute for Integrative Genome Biology, Center for Plant Cell Biology
- Steering Committee Member and UCR Representative to the Riverside Citizen Science Partnership, formed to promote the involvement of members of the community in science research (2014-2019).
- Member, UCR General Education Review Committee (2019-)