Stanford

Michael Van Nuland

Postdoctoral Research Fellow, Biology

Curriculum Vitae available Online

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of Tennessee Knoxville (2017)
- PhD, University of Tennessee , Ecology and Evolutionary Biology (2017)
- Bachelor of Science, Seattle University (2011)

Publications

PUBLICATIONS

- **Symbiotic niche mapping reveals functional specialization by two ectomycorrhizal fungi that expands the host plant niche** *FUNGAL ECOLOGY*
  Van Nuland, M. E., Peay, K. G.
  2020; 46
- **Intraspecific trait variation across elevation predicts a widespread tree species' climate niche and range limits** *ECOLOGY AND EVOLUTION*
  Van Nuland, M. E., Vincent, J. B., Ware, I. M., Mueller, L. O., Bayliss, S. J., Beals, K. K., Schweitzer, J. A., Bailey, J. K.
  2020; 10 (9): 3856–67
- **Warming and disturbance alter soil microbiome diversity and function in a northern forest ecotone.** *FEMS microbiology ecology*
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- **Climate-driven reduction of genetic variation in plant phenology alters soil communities and nutrient pools** *GLOBAL CHANGE BIOLOGY*
  Ware, I. M., Van Nuland, M. E., Schweitzer, J. A., Yang, Z., Schadt, C. W., Sidak-Loftis, L. C., Stone, N. E., Busch, J. D., Wagner, D. M., Bailey, J. K.
  2019; 25 (4): 1514–28
- **Bringing Plants & Soils to Life through a Simple Role-Playing Activity** *AMERICAN BIOLOGY TEACHER*
  Van Nuland, M. E., Chen, M., England, B. J.
  2019; 81 (4): 287–90
- **Climate-driven reduction of genetic variation in plant phenology alters soil communities and nutrient pools.** *Global change biology*
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- **Feedbacks link ecosystem ecology and evolution across spatial and temporal scales: Empirical evidence and future directions** *FUNCTIONAL ECOLOGY*
  Ware, I. M., Fitzpatrick, C. R., Senthilnathan, A., Bayliss, S. J., Beals, K. K., Mueller, L. O., Summers, J. L., Wooliver, R. C., Van Nuland, M. E., Kinnison, M. T., Palkovacs, E. P., Schweitzer, J. A., Bailey, et al
  2019; 33 (1): 31–42
- **Ecosystem feedbacks contribute to geographic variation in plant-soil eco-evolutionary dynamics across a fertility gradient** *FUNCTIONAL ECOLOGY*
  Van Nuland, M. E., Ware, I. M., Bailey, J. K., Schweitzer, J. A.
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- **Soil fungi underlie a phylogenetic pattern in plant growth responses to nitrogen enrichment** *JOURNAL OF ECOLOGY*
  Wooliver, R. C., Senior, J. K., Potts, B. M., Van Nuland, M. E., Bailey, J. K., Schweitzer, J. A.
  2018; 106 (6): 2161–75