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Education

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Teaching Experience

Guest Lectures

Grants

Awards and Honors

Publications

- 2020 **Convergence of Evidence Supports a Chuska Mountains Origin for the Plaza Tree of Pueblo Bonito, Chaco Canyon**, *CH Guiterman, CH Baisan, NB English, J Quade, JS Dean, TW Swetnam*, *American Antiquity*.
- 2019 **Spatiotemporal variability of human–fire interactions on the Navajo Nation**, *CH Guiterman, EQ Margolis, CH Baisan, DA Falk, CD Allen, TW Swetnam*, *Ecosphere*.
- 2018 **Long-term persistence and fire resilience of oak shrubfields in dry conifer forests of northern New Mexico**, *CH Guiterman, EQ Margolis, CD Allen, DA Falk, TW Swetnam*, *Ecosystems*.
- 2018 **Sampling bias overestimates climate change impacts on forest growth in the southwestern United States**, *S Klesse, RJ DeRose, CH Guiterman, AM Lynch, CD O'Connor, JD Shaw, ...*, *Nature Communications*.
- 2018 **burnr: Fire history analysis and graphics in R**, *SB Malevich, CH Guiterman, EQ Margolis*, *Dendrochronologia*.

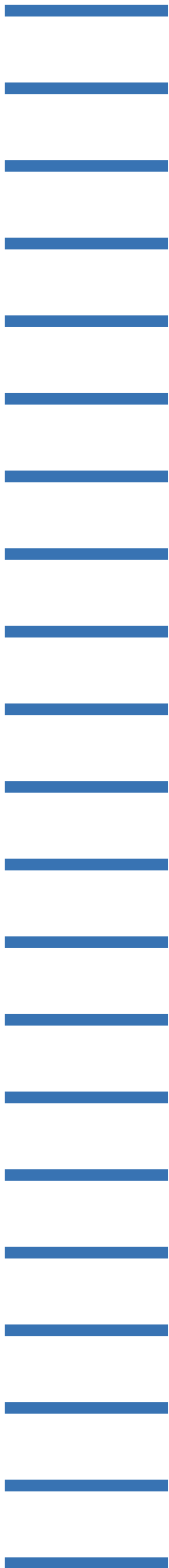
- 2018 **Dendroecology meets genomics in the common garden: new insights into climate adaptation**, *MEK Evans, PF Gugger, AM Lynch, CH Guiterman, JC Fowler, S Klesse, ...*, New Phytologist.
- 2016 **Eleventh-century shift in timber procurement areas for the great houses of Chaco Canyon**, *CH Guiterman, TW Swetnam, JS Dean*, Proceedings of the National Academy of Sciences.
- 2016 **A new digital field data collection system for dendrochronology**, *PW Brewer, CH Guiterman*, Dendrochronologia.
- 2016 **Revisiting human-environment interactions in Chaco Canyon and the American Southwest**, *JL Betancourt, CH Guiterman*, Past Global Changes.
- 2015 **Dendroecological methods for reconstructing high-severity fire in pine-oak forests**, *CH Guiterman, EQ Margolis, TW Swetnam*, Tree-Ring Research.
- 2015 **Dendrochronological evaluation of ship timber from Charlestown Navy Yard (Boston, MA)**, *PP Creasman, C Baisan, C Guiterman*, Dendrochronologia.
- 2013 **Signal strength in sub-annual tree-ring chronologies from *Pinus ponderosa* in northern New Mexico**, *B Brice, KK Lorion, D Griffin, AK Macalady, CH Guiterman, JH Speer, ...*, Tree-Ring Research.
- 2012 **Long-Term Thinning Effects on the Leaf Area of *Pinus strobus* L. as Estimated from Litterfall and Individual-Tree Allometric Models**, *CH Guiterman, RS Seymour, AR Weiskittel*, Forest Science.
- 2011 **Influences of conventional and low-density thinning on the lower bole taper and volume growth of eastern white pine**, *CH Guiterman, AR Weiskittel, RS Seymour*, Northern Journal of Applied Forestry.

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Software