

Stanford



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Bio

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Plants display enormous diversity of forms today that, have evolved over geological timescales after plants successfully colonized land. Currently, I am interested in learning more about evolutionary changes in plant structures including specialized reproductive organs of seed plants. I study plant fossil record from deep time and living plants with the aim to develop a better understanding of origins of plant reproductive structures and drivers of morphological evolution in plants. Previously, I have looked at spore-pollen record preserved in sedimentary rocks from Canada. These microscopic fossils and their distribution in space and time can help us elucidate the response of vegetation to past extinction events.