

# JUNJIE “JJ” DONG

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## EDUCATION

2017-present: Harvard University, Ph.D. in Earth and Planetary Sciences  
2014-2017: University of Michigan, B.S. in Earth and Environmental Sciences, with honors

## HONORS AND AWARDS

2019: Goldschmidt Planetary Science Grant, Geochemical Society/NASA  
2018: Best Student Presentation Award, Consortium for Materials Properties Research in Earth Sciences (COMPRES) 2018 Annual Meeting  
2017-2019: Peirce Fellowship, Harvard Univ. Graduate School of Arts and Sciences (GSAS)  
2017: Undergraduate Academic Excellence Award, Univ. Michigan Earth & Environ. Sci.  
2017: Best Poster Award, "Origin and Evolution of Deep Primordial Reservoirs" Winter School at Kusatsu, Japan  
2016: Turner Undergraduate Award, Univ. Michigan Earth & Environ. Sci.  
2015-2016: Angell Scholar, Univ. Michigan

## PUBLICATIONS

Dong J., Fischer R.A., Stixrude L., Lithgow-Bertelloni C. The volume of Earth's early oceans constrained by temperature-dependent mantle water storage capacity. (in review)  
Li J., Zhu F., Liu J., Dong J. Reactive preservation of carbonate in Earth's mantle transition zone. (2019). Chapter 15 in *Carbon in Planetary Interiors* (AGU Geophysical Monograph Series), American Geophysical Union/John Wiley & Sons (in press).  
Dong J., Li J., Zhu F. Wetting behavior of iron-carbon melt in silicates at mid-mantle pressures with implications for the Earth's deep carbon cycle. (2019). *Frontiers in Earth Science*, 7, 268  
Zhu F., Li J., Liu J., Dong J., Liu Z. Metallic iron limits silicate hydration of Earth's transition zone. (2019). *Proceedings of the National Academy of Sciences*, 201908716.  
Dong J., Li J., Zhu F., Li Z., Farawi R. (2019). Melting curve minimum of barium carbonate BaCO<sub>3</sub> near 5 GPa. *American Mineralogist*, 104(5), 671-678.

## SERVICE AND OUTREACH

2019-2020: Chair, Student and Postdoc Committee, COMPRES  
2018-2019: Member, Student and Postdoc Committee, COMPRES  
2018-2019: Organizer, Solid Earth Graduate Student Lunch Seminar, Harvard Earth & Planet. Sci.