

# 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

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)

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. (in review)

Zhu F., Li J., Liu J., Dong J., Liu Z. Metallic iron limits the hydration of Earth's transition zone. (in review)

Li J., Zhu F., Liu J., Dong J. Melting of magnesite near subducted slabs: Constraints from high-pressure experiments. Chapter 11 in *Carbon in Planetary Interiors* (AGU Geophysical Monograph Series), American Geophysical Union/John Wiley & Sons. (in press).

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.