

Claire Zurkowski

Contact Information

Claire Zurkowski
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Education

Current	The University of Chicago , Chicago, IL Graduate Student in Geophysical Sciences
Jan-15–June-16	San Francisco State University , San Francisco, CA B.S. in Geology
Jan-14–Jan-15	University of Maryland , College Park, MD Undergraduate Student in Geology
Aug-13–Jan-14	Pratt Institute , Brooklyn, NY Undergraduate Student in Design

Scholarships and Awards

2016-2021	McCormick Fellowship, University of Chicago
2016	Department Honoree, San Francisco State University's Geology Department
2016	Summa Cum Laude, San Francisco State University
2013–2016	Dean's List; Pratt Institute, University of Maryland, San Francisco State University
2013	Presidential Scholarship, Pratt Institute
2013	Valedictorian, The John Carroll School
2013	Judith Resnick Scholarship for Women in the Math and Sciences
2013	William J. Sacco Scholarship for Applied Mathematics

2013 Math, Physics and Art Student of the Year, The John Carroll School

Professional Experience

Sep-16–current **Laboratory of Mineral Physics**, University of Chicago
Graduate Student
Advisor: Dr. Andrew Campbell

Jul-16–Sep-16 **Laboratory of Mineral Physics**, University of Chicago
Visiting Student
Advisor: Dr. Andrew Campbell

Jan-15–Jun-16 **High Temperature Geochemistry Research Group**,
San Francisco State University
Geochemistry Field and Research Assistant
Advisor: Dr. Mary Leech

Jan-15–Jun-15 **United States Geological Society**, Menlo Park
Geophysics Research Assistant
Advisor: Dr. Walter Mooney

Jan-14–Jan-15 **The Isotope Geochemistry Laboratory**, University
of Maryland
Geochemistry Research Assistant
Advisors: Dr. Roberta Rudnick and Dr. William McDonough

Publications **Zurkowski C.C.**, Chidester B.A., Davis A.H., Brauser N.M., Greenberg E., Prakapenka V.B. and Campbell A.J. (2017) *Stability of the high pressure phase Fe_3S_2 up to 175 GPa in the Fe-S-O system* Abstract. COMPRES Annual Meeting.

Rudnick R.L., Gaschnig R.M., Li S., Tang M., Qiu L., Valley J.W., **Zurkowski, C.**, and McDonough, W.F. (2014) *Temporal evolution of the upper continental crust: implications for the mode of crustal growth and the evolution of the hydrosphere*: EOS, Transactions, American Geophysical Union.

Conferences and Annual Meetings

Jul-17 COMPRES Annual Meeting

Presented a poster on my current work on the phase equilibria in the Fe-S-O system up to 175 GPa and 2500 K.

Skills

Techniques	Diamond Anvil Cell assembly Yb-doped Fiber Laser Heating X-Ray Diffraction Focused Ion Beam Scanning Electron Microscope Nu Plasma Multi-Collector ICP-MS Column Chemistry
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Programs	DIOPTAS PeakFit GSAS II Mathematica R Photoshop Illustrator LaTeX AZTEC
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Outreach

2017	Docent The Field Museum Conduct tours and educational lectures in the mineral and meteorite exhibitions of the Field Museum in downtown Chicago.
2017	Tutor Marillac Social Center Tutored elementary and middle school aged students in math and science.
2016	Featured Speaker University of Chicago Lab Tours Presented the experimental techniques of the Mineral Physics Laboratory to other UChicago graduate students
2016	Tutor

Upward Bound Tutoring Program serving students of low income families on the Southside of Chicago
Tutoring students in math, physics, chemistry, and college-prep

2016 Classroom Assistant
Argonne National Lab's Hour of Code Initiative
Helped students learn coding techniques at Peck Elementary School, Chicago, IL

2016 Mentor
Mentor Match Engine
helping to teach a pair of senior students about the Scanning Electron Microscope at the Illinois Science and Technology Institute, Chicago, IL

Chicago, 23. December 2016