

Miho Kitagawa

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Education

Massachusetts Institute of Technology (September/2010 - present)
Potential Major: Civil/Mechanical Engineering, Minor: Architecture

Kobe College High School, Nishinomiya, Japan (April/2007 - March/2010)
St. Paul Academy and Summit School, St. Paul, MN (September/2008 – June/2009)

Research Experience

Wave Energy Laboratory, MIT
Investigating Experiment of Wave Energy Extraction (February/2011 – present)

Astronomy Research, Kiso Observatory, Nagano, Japan.
Finding the size of the Milky Way galaxy using Red Clump stars (March/2010)

Dr. Bessie F. Lawrence International Summer Science Institute, Weizmann Institute of Science, Rasht, Israel.
Conductive Copolymer Nitrate Sensors (2009/July – 2009/August)

Individual chemistry research, Kobe College High School, Kobe, Japan.
The ability of soil to purify liquid, and the relationship between pH of soil and its concentration of Calcium (2008 Summer)

Work Experience

UROP Student, Wave Energy Laboratory, MIT (February/2010 - present)

Math/Science Tutor, Willway Co., Ltd., Osaka, Japan. (April/2010 – August/2010)

ESL/Math/Science Tutor TOFL Seminar, Osaka, Japan. (March/2010 – August/2010)

Brewing Staff, Japanese sake brewery of Kitagawa Honke Co., Ltd., Kyoto, Japan. (February/2010)

Achievement, Leadership and Service

Founder and Captain, Chemistry Club, Kobe College High School, Kobe, Japan. (2008/January-2010/March)

2nd place in National Idea Essay Contest, Nomura Research Institute, Japan. (2009/October)

1st Place in Minnesota State Mathematics League in Tier 1 as a team. (2009/March)

Volunteer, Nagashima Aiseien (Sanatorium for those who used to have Hansen's disease), Okayama, Japan. (2007/Summer)

Shelter Volunteer, Feline Resuce, Inc., St. Paul, MN. (2009 January – 2009 June)