

NENIMF: Supplementary Information: Complete list of the NENIMF users during 2007-2009

Students (both graduate and undergraduate) are identified with an asterisk.

Non-WHOI Users and Collaborators (United States)

- S. Ahn (Materials Science postdoc, MIT): Co, Sr and O isotopes in a semiconductor experimental materials. 1280.
- S. Baldwin (Syracuse Univ.): U-Pb dating and trace element characteristics of zircons. 1280.
- *T. Blackburn (Graduate student, MIT): Zr in rutiles for geothermometry/geospeedometry. 1280.
- R. Bodnar (Virginia Tech.): Volatiles in CPX-hosted melt inclusions. 1280.
- H. Bosbyshell (West Chester Univ.): U-Pb dating of zircons from metagneous rocks. 1280.
- *M. Brounce (Undergraduate student, Penn State Univ.): Volatiles, light lithophile elements and B isotopes in olivine-hosted melt inclusions and glass scoria from Iceland. 1280 and 3f.
- J. Bryce (Univ. New Hampshire): Pb isotope variations during crustal contamination. 1280.
- *C. Bucholz (Undergraduate Student, Yale Univ.): Ti in quartz thermometry in UHP rocks. 1280.
- *C. Calvin (Graduate student, Brown Univ.): H₂O and CO₂ in lunar glasses. 1280.
- J. Cheney (Amherst College): U, Th-Pb dating of monazites and zircons. 1280.
- *M. Crowley (Graduate student, LDEO): Light lithophile element diffusion in experimental mineral-melt pairs. 3f.
- K. Cobb (Georgia Tech): Mg and Sr in corals. 3f.
- R. Dasgupta (LDEO-Rice Univ.): Solubility of C in Fe-rich metal at high pressures, and silicate melt-metal melt partitioning. 1280.
- *R. Esposito (Graduate student, Virginia Tech.): Volatiles in melt inclusions. 1280.
- M. Feineman (Penn State Univ.): Volatiles, light lithophile elements and B isotopes in olivine-hosted melt inclusions. 1280 and 3f.
- K. Hanghøj (LDEO) Trace elements in peridotite minerals. 3f.
- *S. Harris (Graduate student, Brown Univ.): H₂O in impact glasses. 3f.
- *L. Hayden (Graduate student, RPI): Carbon diffusion in Ni. 1280.
- *E. Head (Graduate student, Michigan Tech. Univ.): Volatiles in olivine-hosted melt inclusions. 1280.
- G. Hirth (Brown Univ.): Al and Ti in olivines. 1280.
- M. Jackson (DTM): REE and trace elements in clinopyroxenes. 3f.
- P. Kelemen (LDEO): Trace elements in zircons, a provenance study; trace elements in cpx and plagioclase in oceanic gabbros. 3f.
- T. Kraemer (USGS): Magnesium isotopes in carbonates as a proxy for paleothermometry. 1280.
- *A. Koleszar (Graduate student, Oregon State Univ.): Volatiles in melt inclusions. 1280.
- M. Laubier (Harvard Univ.): Volatiles in melt inclusions from FAMOUS, MAR. 1280.
- *S. Lincoln (Graduate student, MIT): Mg/Ca in foraminifera (culture experiments). 3f.
- *K. Kanamaru (Graduate student, Univ Massachusetts): Sr/Ca in coccoliths. 1280.
- K. Limburg (SUNY, Syracuse): C and O isotopes in otoliths. 1280.
- C. Mandeville (AMNH): S isotopes in natural and experimental glasses and glass inclusions. 1280.
- M. Mangan (USGS): H₂O–CO₂ saturation in basaltic and high-silica melts at high pressures. 1280.
- *M. McCanta (Graduate student, Brown University, now at Tufts Univ.): trace elements in experimental melts. 3f.
- *S. McCoy (Undergraduate student, U. Chicago): B/Ca ratios in mussel shells. 1280.
- E. Medard (MIT): H₂O in experimental glasses. 3f.
- S. Mukasa (Univ. Michigan): volatiles in melt inclusions. 1280.
- E. Nadin (Brown Univ.): Ti in quartz in shear zones. 1280.
- *M. Peterson (Undergraduate student, Univ. Michigan): Volatiles in olivine-hosted melt inclusions. 1280 and 3f.
- T. Plank (LDEO): Volatiles in melt inclusions 1280.
- J. Pyle (RPI): U, Th-Pb dating of metamorphic monazites. 1280.
- K. Robertson (Univ. Nevada): Volatiles and Li, B and S isotopes in olivine-hosted melt inclusions and matrix glasses from Kamchatka. 1280 and 3f.
- M. Rutherford (Brown Univ.): Volatiles in natural and experimental glasses. 1280.

*H. Sayani (Undergraduate student, Georgia Tech): Mg and Sr in corals. 3f.
*B. Sell (Graduate student, Syracuse Univ.): Trace elements in apatites. 3f.
*M. Severs (Graduate student, Virginia Tech.): Volatiles in melt inclusions. 1280.
T. Sisson (USGS): Volatiles in melt inclusions. 1280.
F. Spear (RPI): U-Pb and U, Th-Pb dating of metamorphic zircons and monazites.; Ti in quartz thermometry in Cycladian HP rocks 1280.
S. Straub (LDEO): Cl isotopes in melt inclusions from Marianas. 1280.
*C. Stefano (Graduate student, Univ. Michigan): Volatiles in olivine-hosted melt inclusions. 1280 and 3f.
H. Stoll (Williams College – Univ. Oviedo, Spain): Productivity change during PETM through Sr/Ca in coccoliths. Calibration on B/Ca pH proxy in cultured coccoliths. 1280 and 3f.
*M. Sundberg (Graduate student, Brown Univ): Al and Ti in olivine. 1280.
*C. Till (Graduate student, MIT): Trace elements in cpx from subduction zone peridotites. 3f.
B. Watson (RPI): Diffusive Isotopic Fractionation of C, S, Cl. 1280.
J. Webster (AMNH): Cl isotopes in natural and experimental glasses. 1280.
*V. Wolf (Undergraduate student, MIT): Pb, U-Th in slags. 3f.
Z. Wang (Yale Univ.) UHP rocks. 1280.
L. Yan (Brown Univ.): Ti and Y in peridotite minerals in melt-rock reactions 1280.
G. Xu (MIT): U and Th in carbonates 3f

Non-WHOI Users and Collaborators (Foreign)

*C. Dalou (Graduate student, Cl.-Ferrand, France): Volatiles and trace elements in melt inclusions. 1280 and 3f.
J. Erez (Hebrew Univ. of Jerusalem, Israel): Coral and foraminifera biomineralization. 3f.
U. Hara (Polish Geological Institute, Poland): Mg and Sr in Sarmatian Bryozoans. 1280.
*C. Helo (Graduate student, McGill Univ., Canada): Volatiles in melt inclusions. 1280.
M. Jasinowski (Polish Geological Institute, Poland): Elemental (Mg and Sr) and isotopic (C, O) geochemistry of the Sarmatian Bryozoans. 1280 and 3f.
V. Kamenetsky (Univ. of Tasmania, Australia): Volatiles, light lithophile elements and B isotopes in olivine-hosted melt inclusions. 1280.
K. Koga (Cl.-Ferrand, France): Volatiles and trace elements in melt inclusions. 1280 and 3f.
G. Layne (Memorial Univ., Canada): Cl isotopes in melt inclusions from Marianas. 1280.
*M.-A. Longpre (Graduate student, McGill Univ., Canada): volatiles in melt inclusions; trace elements in melt inclusions. 1280 and 3f.
*M. Le Voyer (Graduate student, Cl.-Ferrand, France): Volatiles and trace elements in melt inclusions. 1280 and 3f.
*O. Nadeau (Graduate student, McGill Univ., Canada): Volatiles in CPX-hosted melt inclusions. 1280.
R. Rapp (ANU, Australia): Trace element distribution in clinopyroxene, garnet, K-hollandite and melt at high pressures. 3f.
E. Rose-Koga (Cl.-Ferrand, France): Volatiles and trace elements in melt inclusions. 1280 and 3f.
*I. Schipper (Graduate student, Univ. Otago, New Zealand): Volatiles in melt inclusions and matrix glasses. 1280.
K. Shimizu (JAMSTEC, Japan): Volatiles and trace elements in spinel-hosted melt inclusions from komatiites and picrites from Gorgona Island, Colombia. 1280 and 3f.
J. Stix (McGill Univ., Canada): Volatiles in CPX-hosted melt inclusions. 1280.

WHOI Users and Collaborators

K. Bice : Mg/Ca in foraminifera as a paleo-SST proxy. 3f.
J. Blusztajn: Pb isotopes in sulfides from ultraslow-spreading abyssal peridotites. 1280.
A. Cohen: Sr/Ca, Mg/Ca, Ba/Ca, U/Ca in coral biomineralization, natural and experimental. 1280 and 3f.
W. Curry: Mg/Ca in foraminifera as a paleo-SST proxy. 3f.
H. Dick: trace elements in peridotite minerals. 3f.
*C. Frame: Microbial fixation of nitrogen in open ocean. 1280.
G. Gaetani: Trace element distribution in biomineralization (experimental); HFSE distribution between rutile and melt at high pressures (experimental), and HFSE in UHP rutiles (natural). 1280 and 3f.
A. Gurenko: volatiles and B isotopes in melt inclusions 1280.
*M. Holcomb: B isotopic composition in abiotic aragonite. 1280.

J. Lissenberg: Ti in zircons; U-Pb dating of oceanic crust zircons. 1280.
N. Keller: Volatiles and S isotopes in natural glasses and glass inclusions. 1280.
M. Kurz: Volatiles in glasses and glass inclusions from Loihi, CO₂-He connection. 1280.
D. McCorkle: Mg/Ca in foraminifera. 3f..
**K. McMahon*: Sulfur isotopes in fish otoliths. 1280.
J. O'Leary : D/H ratios in melt inclusions. 1280.
L. Robinson: B/Ca ratios in mussel shells. 1280.
K. Rose: Mg/Ca in foraminifera; Mg/Ca,, Sr/Ca in aragonites. 3f, 1280.
O. Rouxel: Microbial sulfur isotope fractionation in marine hydrothermal sulfides. 1280.
A. Shaw: Volatiles and B isotopes in natural glasses and glass inclusions. 1280.
A. Soule: Volatiles in glasses. 1280.
S. Thorrold: Trace elements and S isotopes in otoliths. 1280.
J. Yamamoto: S isotopes in Loihi glasses. 1280.

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