

Graduate Studies in **Volcanology**, **Igneous Petrology** & **Economic Geology**

VIPER @ Oregon State University

Volcanology, **I**gneous **P**etrology and
Economic geology **R**esearch group



Interested in Volcanoes? Magmas? Ore deposits?

Join a diverse group of researchers studying volcanology, igneous processes and ore deposit formation at Oregon State University.

VIPER faculty in the College of Earth, Ocean and Atmospheric Sciences work in both the fields of Geology and Marine Geology & Geophysics. Researchers and students conduct a range of field, theoretical and laboratory-based studies in volcanic, magmatic and ore-forming environments.

Faculty and students are working in the Cascades, Basin and Range, Central and South America, Japan, New Zealand, on oceanic islands and seamounts, mid ocean ridges, large igneous provinces and in many other interesting locations.

Research is supported by access to major analytical facilities including $^{40}\text{Ar}/^{39}\text{Ar}$ dating, noble gas mass spectrometry, electron microprobe, laser ablation ICP-MS and multicollector-ICP-MS. A full complement of sample preparation facilities is also available.

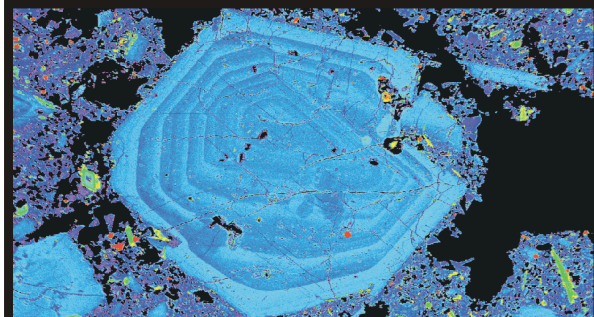
Geology

Adam Kent	(igneous petrology, geochemistry)
Anita Grunder	(igneous petrology, crustal petrology)
John Dilles	(ore deposits, igneous petrology)
Randy Keller	(igneous petrology, marine geology)
Roger Nielsen	(igneous and experimental petrology)
Shan de Silva	(volcanology, igneous petrology)

Marine Geology and Geophysics

Anthony Koppers	(marine geology, geochronology)
David Graham	(mantle geochemistry)
Frank Tepley	(electron microprobe, igneous petrology)
Martin Fisk	(geomicrobiology, igneous petrology)
Robert Duncan	(geochronology, igneous petrology)

For more information see the VIPER website
(www.geo.oregonstate.edu/research_groups/viper/main.htm) or
email geo-info@science.oregonstate.edu.



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and Atmospheric Sciences