

2025 MGPV Division Distinguished Geological Career Award to Anita Lizzie Grunder: Citation

Shanaka L de Silva, Oregon State University
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On behalf of the nominating team, it is my high honor and deep pleasure to present this citation for the 2024 GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division Distinguished Geological Career Award recipient Professor Anita Lizzie Grunder—a *tour de force* in every sense of the word.

Anita's scientific career has illuminated the inner workings of magmatic systems and volcanic processes across a dazzling range of geologic settings. From arc volcanism in the Andes and the Cascades to the rhyolite fields of the High Lava Plains, to the vast Columbia River flood basalts, Anita has brought curiosity, clarity, and an extraordinary integrative, multiscale, vision to the study of how the Earth's mantle and crust evolves through magmatism and manifests as volcanism.

Her work is grounded—quite literally—in the field, but seamlessly extends into the lab, where she pairs detailed mapping with cutting-edge petrology, geochemistry, experiments and thermodynamic modeling. Her research has yielded deep insights into topics as diverse as magmatic evolution and architecture, crustal assimilation, volcanic structure, and post depositional evolution of volcanic deposits. Her ability to decode complex systems—like the Aucanquilcha volcanic cluster, Rattlesnake Tuff, and Steens Basalt— using a multi-data, multi- scale approach is inspiring, and her publications are widely cited and foundational across the MGPV disciplines.

But her influence goes far beyond her research. At Oregon State University, she has shaped at least two generations of geoscientists through passionate, hands-on teaching and mentorship. She has guided over 50 graduate students, inspired hundreds more undergraduates, and built a hard- rock curriculum and research culture, the VIPER group that is renowned nationally and internationally.

Anita is also a committed leader and community builder. From serving as Vice-President of IAVCEI and Chair of the GSA MGPV Division to organizing field trips, conferences, and regional collaborations, Anita has consistently worked to strengthen our scientific community and promote inclusive excellence.

Anita Lizzie Grunder's career exemplifies the very best of geoscience. It is with deep respect and great enthusiasm that we recognize her today with the 2024 Distinguished Geological Career Award. Please join us in congratulating her!