

Proiecte:

Granturi în Statele Unite ale Americii

-, „Rare earth elements tracing crustal evolution through time: a detrital zircon study“, National Science Foundation –Tectonics (07/01/17-6/30/20)

-, „Constraints on Plateau Architecture and Assembly From Deep Crustal Xenoliths, Northern Altiplano (Southern Peru)“, National Science Foundation, Program: NSF Petrology-Geochemistry, (07/01/15-6/30/17)

-, „Crustal Overturn in Continental Margin Arcs During Magmatic Surges“, NSF –Tectonics, (06/01/2011-5/31/2014)

-, „Collaborative Research: The suturing process: Insight from the India-Asia collision zone“, NSF – Continental Dynamics, University of Arizona (04/01/11 – 03/30/15)

-, „In Pursuit of missing Andean Lithosphere: constraining Late Cenozoic crust-mantle process in the Puna Plateau, central Andes“, NSF – Tectonics, (9/1/09 – 8/31/12)

-, „Collaborative Research: CAUGHT: Central Andean Uplift and the Geodynamics of High Topography“, NSF – Continental Dynamics, (6/1/09 – 5/31/13)

-, „Collaborative Research: Lithospheric removal: The Sierra Nevada as the prototype of a fundamental process in mountain building“, NSF – Continental Dynamics, (6/1/06 –5/31/10)

-, „Facility Support: Completing the Western North American Volcanic and Intrusive Rock Database (NAVDAT)“, NSF – Instrumentation-Facilities, Facilities support, (9/1/06- 8/31/08)

-, „Collaborative Research: BATHOLITHS: Generation and evolution of crust in continental magmatic arcs“, National Science Foundation – Continental Dynamics Program, (1/04-1/09)

-, „Igniting Continental Arcs; A Petrologic Study Of Peridotites And Mafic Rocks From The Coast Ridge Belt, Santa Lucia Mountains (California)“, National Science Foundation – Petrology-Geochemistry Program, (01/2003-12/2005)

-, „Acquisition of micromill and the development of a micro-sampling facility“, National Science Foundation – Instrumentation and Facilities Program, (01/2002-12/ 2002)

-, „Testing the degree of correspondence between surface tectonic features and upper mantle structure and composition by study of volcanic-hosted xenoliths in the southwestern Cordillera“, National Science Foundation – Tectonics Program, (01/ 2001-12/2002)

-, „Sm-Nd thermochronology of garnets in metamorphic rocks: A new method and tectonic application“, National Science Foundation – Petrology Program, (01/2001-12/2002)

-, „Collaborative Research: Laboratory and field studies linking electrical anisotropy and deformation in the mantle“, National Science Foundation – Geophysics Program, (9/2000-8/2001)

-, „A thermobarometric study of deep-crustal rocks from southwest Mexico“, University of Arizona, (12/ 2000-12/ 2001)

-, „K-Ca Geochronology; New Analytical Developments Using Multicollector ICP-MS And Geologic Applications“, American Chemical Society – Petroleum Research Fund, (9/2006-8/2009)

-, „In-Situ U-Pb Age Determinations Using Multiple-Collector ICP Mass Spectrometry: Further Technique Developments And A Tectonic Application“, American Chemical Society – Petroleum Research Fund, (9/2002-8/2004)

-, „TANGO: Trans Andean Great Orogeny, a study of crustal thickness from start to finish in the central Andes“, National Science Foundation, (2020-2024), 3.500,000 USD

Granturi în România

-, „DRIPS - Geochemical Tests Of Lithospheric Delamination With Applications To Convergent Margin Tectonics“, UEFISCDI, Proiect PCCE, (6/17-12/19)

-, „Evoluția globală a arcurilor magmatice în 4D și testarea modelului arclogitic pentru originea continentelor“, UEFISCDI, Proiect PCCE, (8/11-12/16)

-, „CUTE New Methods for Tracking Regional and Global Crustal Changes Using the Geochemical Record of Magmatic Rocks and Their Derivative Sediments“, UEFISCDI, PCCF, 8 500 000 RON (11/18-11/22)