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Education

B.Sc. Geology - University of Miami, Miami, Florida - 1977
B.S. Chemistry - University of Miami, Miami, Florida - 1977
M.S. Geology - University of Michigan, Ann Arbor, Michigan - 1980
Ph.D. Geology - University of Michigan, Ann Arbor, Michigan - 1983

Honors

Member, Mexican Academy of Sciences
Medal of Merit, Mining Hall of Fame

Professional Employment

Dean, College of Science, The University of Arizona, 2000-
Department Head, Geosciences, The University of Arizona, 1995-2000
Professor of Geosciences, The University of Arizona, 1993-
Associate Professor of Geosciences, The University of Arizona, 1989-1993
Assistant Professor of Geosciences, The University of Arizona, 1983-1989
Assistant Professor of Geosciences, University of Miami, 1982-1983

Professional Service

Member, Board of Earth Sciences, NRC, 2005-2008
Associate Editor, American Journal of Science, 2004-2006
Member, Committee on Earth Resources NRC - 2003-2005
Councillor, Geological Society of America, 1997-2000
Secretary, VPG Section, American Geophysical Union, 1996-98
Program Chair, Goldschmidt Conference, Geochemical Society, 1997
Panel Member, National Science Foundation, Instrumentation and Facilities Program, Division of Earth Sciences, 1991-1993
Panel Member, National Science Foundation, Centers for Excellence in Science and Technology Program, Directorate of Education, 1988, 1990
Associate Editor, Revista, National University of Mexico Press, 1990-

10 Recent Publications

Talavera-Mendoza O, Ruiz J, Gehrels G, Meza-Figueroa D, Vega-Granillo R, Campa-Uranga MF, **2005** U-Pb geochronology of the Acatlan Complex and implications for the Paleozoic paleogeography and tectonic evolution of southern Mexico, *Earth and Planetary Science Letters* 235, 682-699.

Marschik R, Mathur, R, Ruiz J, Leveille R, Almeida AJ, **2005**, Late Archean Cu-Au-Mo mineralization at Gameleira and Serra Verde, Carajas Mineral Province, Brazil: constraints from Re-Os molybdenite ages, *Mineralium Deposita* 39, 983-991.

Mathur R, Ruiz J, Titley SR, Liermann L, Buus H, Brantley S, **2005** Cu isotope fractionation in the supergene environment with and without bacteria, *Geochimica et Cosmochimica Acta* 69, 5233-5246.

- Mathur R, Titley SR, Ruiz J, Gibbins S, Friehauf K, **2005**, A Re-Os isotope study of sedimentary rocks and copper-gold ores from Ertzberg District, West Papua, Indonesia, *Ore Geology reviews* 26, 207-226.
- Barra F, Ruiz J, Valencia V, Ochoa-Landin L, Chesley, J, Zurcher L, **2005**, Laramide porphyry Cu-Mo mineralization in northern Mexico: Age constraints from Re-Os geochronology in molybdenite, *Economic Geology* 100, 1605-1616.
- Gillis R, Gehrels G, Ruiz J, Flores de Dios Gonzales LA, **2005**, Detrital zircon provenance of Cambrian-Ordovician and Carboniferous strata of the Oaxaca terrane, southern Mexico, *Sedimentary Geology* 182, 87-100.
- Victor V, Ruiz J, Barra F, Gehrels, G, Ducea M, Titley SR, Ochoa-landin L, **2005**, U-Pb single zircon and Re-Os geochronology from La Caridad Porphyry Copper Deposit: Insight for the duration of magmatism and mineralization in the Nacozari District, Sonora, Mexico. *Mineralium Deposita* 40, 175-191.
- Trista-Aguilera D, Barra F, Ruiz J, Morata D, Talavera-Mendoza O, Kojima S, Ferraris F, **2006**, Re-Os systematics for the Lince-Estefania deposit: constraints on the timing and source of copper mineralization in stratabound copper deposit, Coastal Cordillera of northern Chile. *Mineralium Deposita* 41, 99-105.
- Valencia V, Noguez-Alcantara B, Barra F, Ruiz J, Gehrels G, Quintanar F, Valencia-Moreno M, **2006**, Re-Os molybdenite and LA-ICPMS-MC U-Pb zircon geochronology for the Milpillas porphyry copper deposit in the Cananea District, Sonora, Mexico, *Revista Mexicana de Ciencias Geologica* 23, 39-53.
- Thibodeaux AM, Killick DJ, Ruiz J, Chesley JT, Deagan JM, Cruxent JM, Lyman W, **2007**, The strange case of the earliest silver extraction by European colonists in the New World, *Proceedings of the National Academies* 104, 3663-3666.

Collaborators

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|--------------------------------------|---|
| Hooper and Larson (Washington State) | John Walshe (CSIRO, Australia) |
| Dick Tosdal, (U British Columbia) | Fernando Ortega and Luca Ferrari (UNAM) |
| F England (PlacerDome) | Mo Ghazi, Georgia State University |
| Joe Wooden (USGS) | Michael Sheridan (SUNY) |
| F Tornos (U Madrid, Spain) | Francisco Munizaga (U. Chile) |
| Murray Hintzman (Colorado School) | Victor Maksaaev (U. Chile) |
| Oscar Talavera (U Guerrero) | Wes Hildreth (USGS) |
| Michael Cosca (U of Lausanne) | |

Ph.D. Advisor

Steve Kesler, University of Michigan

Advisees During Past 5 Years

- Victor Valencia (Ph.D., current postdoc)
- Fernando Barra (Ph.D., current postdoc)
- Rafael del Rio (Ph.D., current student)
- Jason Kirk (Ph.D., currently postdoc at University of Sao Paulo)
- Ryan Mathur (Ph.D., currently Professor at Juniata College)
- Martin Valencia (Ph.D., currently Professor at National University of Mexico - UNAM)
- Lucas Ochoa (Ph.D., currently Professor at University of Sonora, Mexico)
- Diana Meza (Ph.D., currently Professor at University of Sonora, Mexico)
- Pedro Restrepo (Ph.D., currently Vice-President Ecopetrol National Petroleum Company, Colombia)