



# SEG Mentor

Richard Kyle



## Contact Information

Jackson School of Geosciences  
 Department of Geological Sciences  
 1 University Station, C1100  
 The University of Texas at Austin  
 Austin, TX 78712-1101 USA

+1 (512) 471-4351

[rkyle@mail.utexas.edu](mailto:rkyle@mail.utexas.edu)

## Current Position and Focus (areas of research and/or interest in economic geology)

Professor, Economic Geology

Research Interests: Ore deposits geology, strata-controlled mineral resources, minerals exploration, industrial mineral resources, origin of ore-forming fluids in sedimentary basins, fluid inclusions, stable isotopes, salt dome cap rock formation, carbonate diagenesis, resources in volcanic terranes, K-12 and university geoscience education, X-ray computed tomography applications to ore genesis and processing.

## Relevant Education/Work Experience

1990 to date - Professor; Department of Geological Sciences, University of Texas at Austin

2005 to date - Research Professor, Bureau of Economic Geology, University of Texas

2003 to date - Texas Registered Professional Geoscientist

1980 to date - Consulting Geologist, various clients

1976 to 1978 - Exploration Geologist; Exxon Minerals Company, U.S.A

## Hobbies and Interests

Photography, gardening

## Nationality

USA

## SEG Activities (e.g. positions held, former student membership details)

Program Representative (2008)

Distinguished Lecturer Committee (2004-2006), Chair (2006)

Thayer Lindsley Lecturer (2002)

Chair, Committee on Committees (1997-1998)

Research Committee (1992-1995)

Program Policy Committee (1983-1986)

Program Chair (1986)

Convener of Special Session on precious metals in carbonate replacement and skarn environments (1986)

## Personal Philosophy on Mentoring

I have served in several academic student advisory positions, including as Undergraduate Advisor and as Graduate Advisor. I serve as an informal advisor for geoscience students on career opportunities in the mineral resource industries. In addition to having once worked in minerals exploration, I continue to keep these contacts active through international applied research projects and consulting. Thus, I think I am in a solid position to provide a realistic assessment of both worlds. I encourage students to gain experience through internships and summer employment to facilitate their own assessment of this career path. Most of my students end up with positions in some aspect of the applied energy and

Leader of field trips: industrial mineral resources of the Delaware Basin (1990) and salt dome cap rock geology and mineral resources (1995)  
Associate Editor, *Economic Geology* (1990-1992)  
SEG Fellow (1983 to date)

mineral resource industries.

**Languages Comfortable Communicating With**

English

**Other Relevant Information**

[www.geo.utexas.edu/faculty/kyle.htm](http://www.geo.utexas.edu/faculty/kyle.htm)