

# CURRICULUM VITAE – RICHARD ALAN KETCHAM

Professor and Associate Dean for Academic Affairs  
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## **EDUCATION:**

Ph.D., Geological Sciences, May 1995

University of Texas, Austin, TX

B.A., Geology and Computer Science, May 1987

Williams College, Williamstown, MA

## **ACTIVE RESEARCH INTERESTS:**

- Use of high-resolution X-ray computed tomography (CT) for geological applications.
- Theory and practice of apatite fission-track and other methods of low-temperature thermochronology, including thermal history inversion
- Application of computational modeling and analysis techniques to geological problems, both theoretical and field-oriented
- Quantitative textural analysis of porphyroblast crystallization in metamorphic rocks, and modeling of diffusion-controlled crystallization textures.

## **HONORS AND AWARDS:**

2014	Faculty Science Performance Award for an Associate Professor, Department of Geological Sciences
2013	Exceptional Reviewer, Review of Scientific Instruments
2012	Exceptional Reviewer, GSA Bulletin
2010-2011	G. Moses and Catherine G. Knebel Distinguished Teaching Award, Department of Geological Sciences
2010	GSA Fellow
2007-2009	Jackson School of Geosciences Research Excellence Fellow
2006-2007	Jackson School of Geosciences Scientist Fellow
2005-2006	Jackson School of Geosciences Research Fellow
1995	Houston Geological Society Outstanding Student Award, University of Texas Department of Geological Sciences
Spring 1994	Best Ph.D. Technical Sessions Presentation, University of Texas Department of Geological Sciences
1994	Graduate Student Service Award, University of Texas Department of Geological Sciences

## **PROFESSIONAL POSITIONS:**

2014-present	Professor, Department of Geological Sciences, University of Texas at Austin
2013-present	Associate Dean for Academic Affairs, Jackson School of Geosciences, University of Texas at Austin
2008-2014	Associate Professor, Department of Geological Sciences, University of Texas at Austin

2005-2008 Senior Research Scientist, Department of Geological Sciences,  
University of Texas at Austin

2000-2005 Research Scientist, Department of Geological Sciences, University of  
Texas at Austin

1996-2000 Research Associate, Department of Geological Sciences, University of  
Texas at Austin

1995-1996 Senior Geologist, Donelick Analytical, Inc., Katy, Texas

1995-1996 Complimentary Postdoctoral Associate, Department of Geology and  
Geophysics, Rice University, Houston, Texas

1989-1995 Research Assistant and Teaching Assistant, Department of Geological  
Sciences, University of Texas at Austin

1991-1992 Research Intern and Consultant, Exxon Production Research Company,  
Houston, Texas

2003-2006 Associate Editor, *American Mineralogist*

2010-present Guest Professor, Kumamoto University, Japan