

Curriculum Vita  
Dr. Ronald C. Schott  
Department of Geosciences  
Fort Hays State University  
August 2007

**1. Personal Information**

Address: 407 W. 14th St., Hays, KS, 67601  
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**2. Education**

University of Wisconsin-Madison

Ph.D. (Geology), distributed minor in Geophysics and Materials Science: May 2000  
Committee Members: Dr. Clark M. Johnson (Chair), Dr. L. Gordon Medaris, Dr. Basil Tikoff, Dr. Alan Carroll, Dr. Charles DeMets  
Dissertation Title: *Provenance evolution of the Late Cretaceous - Middle Eocene Gualala basin, California: Geochronologic, geochemical, and isotopic evidence from conglomerate clasts*

M.S. (Geology): December 1993

Thesis title: *Provenance characteristics of the Late Cretaceous-Early Tertiary Gualala basin and implications for the evolution of the San Andreas fault: Geochronologic and geochemical evidence from conglomerate cobbles*

Colgate University

B.A. (Geology), with Honors, minor in Mathematics: May 1991

**3. Areas of Expertise within Discipline**

Tectonics  
Petrology  
Mineralogy  
Volcanology  
Geoinformatics  
General Geochemistry  
Isotope Geochemistry  
U/Pb Geochronology  
Field Geology

#### **4. Courses Taught**

##### 1) Fort Hays State University

GSCI 100 - Introduction to Geology: F04, S05, F05, S06, F06, S07, F07

GSCI 102 - Introduction to Geology Laboratory: F04, F05, F06, F07

GSCI 310 - Mineralogy: F04, F05, F06, F07

GSCI 320 - Petrology: S05, S06, S07

GSCI 340 - Environmental Geology: F04, S05, F05, S06, F06, F07

GSCI 454 - Field Studies in Geosciences: U06, U07

GSCI 605 - Geomorphology: S07

GSCI 673 - Problems in Geology: Geochemistry: F05

GSCI 675 - Seminar in Geology: Geoscience Visualizations: F05

##### 2) Other Institutions

Introduction to Geology (Lake Superior State University, Western Kentucky University, University of Wisconsin - Madison, Northeast Illinois University)

Introduction to Oceanography (Lake Superior State University)

Geology of the National Parks (University of Wisconsin - Madison)

Mountains and Moving Plates (University of Wisconsin - Madison)

Geoenvironmental Systems (Lake Superior State University)

Mineralogy (Lake Superior State University, Western Kentucky University, University of Wisconsin-Whitewater)

Petrology (Lake Superior State University, Western Kentucky University, University of Wisconsin-Whitewater)

Tectonics (Western Kentucky University)

#### **5. Date of Appointment to the Faculty of Fort Hays State University**

August 16, 2004 - Assistant Professor

#### **6. Prior Service at Other Institutions**

Lake Superior State University - Department of Geology & Physics

Assistant Professor: August 2001- May 2004

Western Kentucky University - Department of Geography & Geology

Temporary Assistant Professor: August 2000 - May 2001

University of Wisconsin-Madison - Department of Geology & Geophysics

Lecturer: September 1998 - May 2000

University of Wisconsin-Whitewater – Geology Program

Lecturer: August 1997 - May 1998

Northeast Illinois University - Earth Sciences Department

Lecturer: January 1997 - May 1997

## **7. Department and Institutional Service**

### 1. Departmental Service

#### 2006-2007

- Recruited at least 4 new geology majors
- Served as advisor for 12 majors
- Coordinated departmental recruiting efforts at high schools in eastern Kansas
- Advisor, Sternberg Geosciences Club
- Member, American Geophysical Union
- Member, Council on Undergraduate Research
- Member, Geological Society of America
- President, National Association of Geoscience Teachers Midcontinent Section

#### 2005-2006

- Recruited 4 new geology majors
- Served as advisor for 2 majors
- Coordinated visit to FHSU by Sarah Coddington, Geosciences coordinator and teacher at Olathe North High School, Olathe, KS
- Advisor, Sternberg Geosciences Club
- Member, American Geophysical Union
- Member, Council on Undergraduate Research
- Member, Digital Library for Earth System Education
- Member, Geological Society of America
- President, National Association of Geoscience Teachers Midcontinent Section

#### 2004-2005

- Recruited 1 new geology major and 1 new geology minor
- Served as advisor for 1 major
- Served on Departmental Committee on Transition of Geosciences Chair
- Served on Departmental Committee for Strategic Planning in Geology
- Drafted Geoscience Department Response to President Hammond on the topic “Should FHSU become a Laptop University?”
- Co-webmaster, FHSU Dept. Of Geosciences
- Member, American Geophysical Union
- Member, Council on Undergraduate Research
- Member, Digital Library for Earth System Education
- Member, Geological Society of America
- President, National Association of Geoscience Teachers Midcontinent Section
- Member, National Earth Science Teachers Association

2003-2004 (Lake Superior State University)

- Advisor, LSSU Geology Club
- Webmaster, LSSU Dept. of Geology & Physics
- Associate Curator, Kemp Mineral Resources Museum
- Member, American Geophysical Union
- Member, Council on Undergraduate Research
- Member, Digital Library for Earth System Education
- Member, Geological Society of America
- Member, Institute for Lake Superior Geology
- Member, Michigan Earth Science Teachers Association
- Member, National Association of Geoscience Teachers
- Member, National Earth Science Teachers Association

2. Institutional Service

2006-2007

- Geological Society of America Campus Rep
- Served on search committee for CTELT staff position
- Participated in Tiger Call Alumni Phone-a-thon
- Served on the American Democracy Project Vision Team
- Served on Mobile Teaching & Learning Task Force
- Served on Instructional Technology Policy Advisory Committee (ITPAC)
- Served on Virtual College Advisory Committee
- Presented a one day Google Earth Workshop for the Hot Topics in Science and Math Education series of the FHSU Science and Mathematics Education Center

2005-2006

- Geological Society of America Campus Rep
- Presented “Times Talk” on Blogging, Podcasting, and the Democratization of the Media
- Active blogger on BlogCat, including a series of “Goin’ Mobile” columns about issues related to FHSU’s Mobile Computing initiative
- Presented guest CTELT InfoBytes on Google Earth and Podcasting
- Presented about Google Earth at CTELT-sponsored Faculty-to-Faculty Workshop
- Participated in Tiger Call Alumni Phone-a-thon
- Served on the American Democracy Project Vision Team
- Served on Mobile (Computing/Teaching & Learning) Task Force
- Served on Instructional Technology Policy Advisory Committee (ITPAC)

2004-2005

- Geological Society of America Campus Rep
- Presented “Times Talk” on M6.0 Parkfield Earthquake and Mt. St. Helens Volcanic Activity
- Participated in Tiger Call Alumni Phone-a-thon
- Participated in Tiger Friends and Family Day
- Served on Instructional Technology Policy Advisory Committee (ITPAC) Laptop University Exploratory Committee, including site visit to Wake Forest University

- Served on Portal Development Committee
- Organized “Asian Tsunami Disaster” public colloquium

2003-2004 (Lake Superior State University)

- Served on LSSU Enrollment Management Committee
- Served on LSSU Technology Executive Committee
- Served on LSSU Instructional Technology Task Force
- Member, LSSU Web Team

## 8. Scholarly Submissions, Publications, and Papers Presented

### Refereed Journal Articles

**Schott, Ronald C.**, Johnson, Clark M., and O’Neil, James, 2004, Late Cretaceous tectonic history of the Sierra-Salinia-Mojave arc as recorded in conglomerates of the Upper Cretaceous and Paleocene Gualala Formation, northern California: *Journal of Geophysical Research*, v. 109, B02204, doi:10.1029/2003JB002845.

Medaris, L. G., Jr., Singer, B. S., Dott, R. H., Jr., Naymark, A., Johnson, C. M., and **Schott, R. C.**, 2003, Late Paleoproterozoic Climate, Tectonics, and Metamorphism in the Southern Lake Superior Region and Proto–North America: Evidence from Baraboo Interval Quartzites: *Journal of Geology*, v. 111, p. 243-257.

**Schott, Ronald C.**, and Johnson, Clark M., 2001, Garnet-bearing trondhjemite and other conglomerate clasts from the Gualala basin, California: Sedimentary record of the missing western portion of the Salinian magmatic arc?, *GSA Bulletin*, v. 113, no. 7, p. 870-880.

**Schott, Ronald C.**, and Johnson, Clark M., 1998, Late Cretaceous to Eocene Gualala basin provenance constraints from conglomerate clasts: Implications for the origin and early evolution of the Salinian block, in Elder, W. P., ed., *Geology and tectonics of the Gualala block, northern California: Pacific Section, SEPM, Book 84*, p. 75-94.

**Schott, Ronald C.**, and Johnson, Clark M., 1998, Sedimentary record of the Late Cretaceous collapse of the Salinia-Mojave magmatic arc: *Geology*, v. 26, p. 327-330.

### Meeting Abstracts: Presentations and Posters

**Schott, Ronald C.**, 2007, Integrating Blogs, Podcasts, and Wikis into Geology Classes: Taking the Conversation Beyond the Classroom: *Geological Society of America Abstracts with Programs*, v. 39, p. ???

- Schott, Ronald C.**, 2006, Building a Sense of Scale and Geographic Context: Virtual Field Trips Created With Google Earth and QuickTime Virtual Reality (QTVR): Eos Trans. AGU, 87(52), Fall Meet. Suppl., Abstract ED43A-0927.
- Schott, Ronald C.**, 2005, Integrating Google Earth Imagery and Cubic QTVR Panoramas into Web-based Virtual Field Experiences: Geological Society of America Abstracts with Programs, v. 37, no. 7, p. 408.
- Schott, Ronald C.**, 2004, Utilization of a large geochemical-geochronologic database to determine the paternity and wanderings of orphaned conglomerate clasts in the Gualala basin, California: Implications for provenance studies and tectonic reconstructions in the North American Cordillera: Geological Society of America Abstracts with Programs, v. 36, no. 4, p.10.
- Schott, Ronald C.**, and Johnson, Clark M., 1998, Provenance evolution of the Late Cretaceous - Paleogene Gualala basin: Geochemical, isotopic, and U/Pb zircon age evidence from conglomerate clasts: AAPG Bulletin, v. 82, no. 5A, p. 857.
- Schott, Ronald C.**, and Johnson, C. M., 1997, Do Late Cretaceous-Paleogene sediments of the Gualala basin (Calif.) record the collision and/or passage of outboard terranes?: Geological Society of America Abstracts with Programs, v. 29, no. 5, p. 63.
- Dott, R. H., Jr., Medaris, L. G., Jr, and **Schott, R. C.**, 1997, Post-170 Ma deposition of the Baraboo Quartzite: Confirmation from detrital zircon ages and new field evidence: Geological Society of America Abstracts with Programs, v. 29, no. 4, p. 13.
- Schott, Ronald C.**, and Johnson, C. M., 1996, Conglomerates of the Late Cretaceous-Paleogene Gualala basin, California: Changing provenance and implications for Cordilleran paleogeography: Geological Society of America Abstracts with Programs, v. 28, no. 7, p. 445.
- Medaris, L. G., Jr., Johnson, C. M., **Schott, R. C.**, Dott, R. H., Jr., and Van Wyck, N., 1996, The Baraboo quartzite, Wisconsin: Proterozoic deposition and deformation in the Lake Superior region: Geological Society of America Abstracts with Programs, v. 28, no. 7, p. 376.
- Schott, R. C.**, and Johnson, C. M., 1995, Orphaned Conglomerate Cobbles of the Late Cretaceous-Paleogene Gualala basin: Still Seeking a Home. Penrose Conference poster.
- Schott, R. C.**, and Johnson, C. M., 1994, U/Pb zircon ages of conglomerate cobbles, Late Cretaceous-Paleogene Gualala basin, California: Implications for provenance and San Andreas fault offset history: Geological Society of America Abstracts with Programs, v. 26, no. 7, p. 147.

Johnson, Clark, **Schott, Ronald**, and O'Neil, James, 1994, Isotope and elemental chemistry of sedimentary clasts of the Cretaceous and Eocene Gualala basin, northern California: Ties to Salinia, Mojave, or Sierra Nevada Cordilleran batholiths?: Geological Society of America Abstracts with Programs, v. 26, no. 7, p. 193.

**Schott, Ronald**; Meyer, Wendy; Sherwood, Elizabeth; Schulist, Michael; and Goldstein, Arthur, 1991, Deformational and metamorphic history of Taconic flysch, eastern New York and western Vermont, Geological Society of America, Northeast and Southeast sections, Abstracts with Programs, v. 23, no. 1, p. 124.

Goldstein, Arthur; Cushing, Janet; and **Schott, Ronald**, 1991, History of folding and thrusting in the Taconic fold-thrust belt, western Vermont, Geological Society of America, Northeast and Southeast sections, Abstracts with Programs, v. 23, no. 1, p. 36.

McLelland, James; Ylagan, Robert; **Schott, Ronald**; and Gamache, Michelle, 1990, Magma mixing and commingling in the Roaring Brook intrusion breccia, Giant Mt. Adirondack highlands, N.Y., Geological Society of America, Northeast

section, Abstracts with Programs, v. 22, no. 2, p. 55.



## Monographs and Reports

**Schott, Ronald C.**, 2000, Provenance evolution of the Late Cretaceous - Middle Eocene Gualala basin, California: Geochronologic, geochemical, and isotopic evidence from conglomerate clasts: Ph.D. Thesis, University of Wisconsin, Madison, 273 pp. (Advisor C. M. Johnson)

**Schott, Ronald C.**, 1995, A bibliographic database of geologic hazards publications in northern California on the World Wide Web, U.S. Geological Survey Open-File Report 95-661, 6 pp.

**Schott, Ronald C.**, 1993, Provenance Characteristics of the Late Cretaceous-Early Tertiary Gualala Basin and Implications for the Evolution of the San Andreas Fault: Geochronologic and Geochemical Evidence from Conglomerate Cobbles: M.S. Thesis, University of Wisconsin, Madison, 88 pp. (Advisor C. M. Johnson)

## **9. Research Grants Received**

2007 Earth System Science Education Alliance (ESSEA/NSF), Co-I, \$40000, "Improving Earth Science Education in Kansas"

2007 KansasView Small Grant, \$1800 – "Investigating the Use of Hand-Held Spectrophotometry and Aerial Imagery to Support Geologic Mapping in Rooks County, Kansas"

2006 FHSU Faculty Development Award, \$350 - to attend First Annual Virtual Globes Scientific Users Conference, Boulder, CO

2005 FHSU Faculty Development Award, \$500 - to purchase add-on modules for Google Earth

## **10. Honors and Distinctions**

Nominated (but not yet eligible) for FHSU Pilot Award – Spring 2007

Who's Who Among America's Teachers - Spring 2004

LSSU Golden Anchor Award - Spring 2004

## **11. Community Service**

2006-2007

- Served as Hays City representative, Vice President, and webmaster of the Ellis County Wellhead Protection Committee
- Assisted with Boy Scout Camporee at FHSU, leading Geology merit badge session
- Taught a FHSU Science and Mathematics Education Center Workshop on Google Earth, Hays, KS, April 2007
- Trained Blue Valley High School district (Overland Park, KS) social studies teachers in pedagogical applications of Google Earth, August 2007
- Member, Hays Optimist Club, participated in Christmas tree and fireworks sales fundraisers

#### 2005-2006

- Served as Hays City representative, Vice President, and webmaster of the Ellis County Wellhead Protection Committee
- Assisted with Kansas Science Olympiad Regional event at FHSU
- Assisted with Boy Scout Camporee at FHSU, leading Geology merit badge session
- Taught a SW Kansas Middle School Teachers Workshop Module on “Natural Resources and Groundwater”, Liberal, KS, July 2006
- Presented Sternberg Museum talk on “Geology of our National Parks”
- Member, Hays Optimist Club, participated in fireworks sale fundraiser
- Interviewed by Hays Daily News and FHSU Leader about podcasting at FHSU

#### 2004-2005

- Attended meetings of the Ellis County Wellhead Protection Committee and worked with webmaster Andrew Duscher to establish website hosting on ‘whp.outcrop.org’ - also helped set up Water Day activities in Russell, KS
- Attended kickoff organizational meeting in Wichita, KS for 2004-05 Kansas Science Olympiad as representative of Hays Region
- Assisted with Boy Scout Camporee at FHSU
- Taught a SW Kansas Middle School Teachers Workshop Module on “Earthquakes & Volcanoes”, Garden City, KS, July 2005

#### 2003-2004 (Lake Superior State University)

- Interviewed by CBC Radio about Goulais River Landslide
- Interviewed by Sault Star newspaper about Goulais River Landslide