

## BIOGRAPHICAL SKETCH

---

### MATTHEW CHARLES SMITH

Master Lecturer

University of Florida Dept. of Geological Sciences  
241 Williamson Hall, Box 112120  
Gainesville, FL 32611  
(352) 392-2106, mcsmith@ufl.edu

### Professional Preparation

- 1999 Ph.D. in Geology/Geochemistry, University of Florida, 1999.  
Dissertation Title: *Geochemistry of Eastern Pacific MORB: Implications for MORB Petrogenesis and the Nature of Crustal Accretion Along Two Recently Active Ridge Segments.*
- 1993 Master of Science in Geology, University of Florida, 1993.  
Thesis Title: *Petrologic and Geochemical Investigations of Basalts from the Southern Juan de Fuca Ridge.*
- 1989 B.S. in Geology (minor in Oceanography), University of New Hampshire, 1989.  
Senior Thesis Title: *An Assessment of Petrographic Heterogeneity at the Pickett Mountain Stock, Maine, USA.*

### Appointments

- 2019-present Master Lecturer, Department of Geological Sciences, University of Florida, Gainesville, FL.
- 2011-2019 Senior Lecturer, Department of Geological Sciences, University of Florida, Gainesville, FL.
- 2007- 2011 Lecturer, Department of Geological Sciences, University of Florida, Gainesville, FL.
- 2003-2007 Visiting Lecturer, Department of Geological Sciences, University of Florida, Gainesville, FL.
- 2001-2003 Education Programs Manager, American Geological Institute, Alexandria, Virginia.
- 1999-2001 Postdoctoral Researcher in Igneous Petrology and Isotope Geochemistry, University of Hawaii School of Ocean and Earth Science and Technology.
- 1999 Laboratory Instructor for “Honors Introduction to Oceanography”, University of Florida.
- 1998 Instructor for “Florida’s Geologic Environment”, University of Florida.
- 1997 Laboratory Instructor for “Honors Physical Geology”, University of Florida.
- 1992-1995 Laboratory Instructor for “Igneous and Metamorphic Petrology”, University of Florida

### Courses Taught

Introduction to the Geological Sciences (GLY1000), Introduction to Oceanography (OCE1001), Introduction to Earth Science (ESC1000), Geology of Florida Lab (GLY1150L), Physical Geology (GLY2010C), Environmental and Engineering Geology (GLY2030C), Earth Materials Special Topics (GLY4930), Igneous and Metamorphic Petrology (GLY4310C), Introduction to Earth Materials (GLY3202C), Geological Field Methods (GLY4750L), The Geology of Florida (GLY4155C), Topics in Earth and Space Science for Teachers (GLY6932).

\*\*Detail of UF teaching experience and student evaluative data is provided at the end of the C.V. along with examples of peer evaluations of teaching

### Grants as PI/Co-I/Named collaborator

- 2016-2017 Collaborative Research: Melting in the Off-Axis Environment Interdisciplinary Field and Modeling Studies of the 8° 20'N Seamount Chain, EPR, Named Collaborator (yr 1) NSF-OCE; UF portion \$145,459, revised 07/01/14 - 6/30/16). Award # 1357150
- 2007-2010: Collaborative Research: From Local to Extreme Environments: Deepening Earth Systems Science Understanding with Globe. NSF-GEO, \$882,352 (Multi-institutional collaborative, UF portion is \$16,565, Matthew Smith, Co-PI). Project # 00063026.
- 2005-2006: Supplement to: Tectonomagmatic Cycles and the Formation of Oceanic Crust at the Cleft Segment of the Southern Juan de Fuca Ridge. NSF-OCE, \$229,343 (M. Perfit, PI; M. Smith, Co-I additional year funding to do education and outreach, \$45,920).
- 2001-2004: Project CUES: Constructing Understandings of Earth Systems, NSF-DRL, \$1,682,666 (Matthew Smith, Co-PI), Project # 0095938

### **Awards and Honors**

- 2017 UF Online Education Excellence Award
- 2017 UF College of Liberal Arts and Sciences Teacher of the Year Award, 2016-2017.
- 2016 UF Online Education Excellence Award
- 2014 Nominated for UF College of Liberal Arts and Sciences Teacher of the Year Award
- 2012 Teacher of the Year (as voted on by the 2011-2012 UF Geological Sciences graduating Class), 2012.
- 1999 Outstanding Graduate Student Award, Dept. of Geological Sciences, University of Florida.
- 1997 Nutter Dissertation Fellowship Award.
- 1995 Finalist, Conference of Southern Graduate Schools Master's Thesis Award, Univ. of Florida.
- 1992 Best Poster Presentation, Southeast Geological Society Annual Meeting.

### **Service to Department and College**

- 2018-present Member of Departmental Merit Committee
- 2018-present Member of CLAS Professional Development Leave Committee
- 2016-present Member UF Online Faculty Advisory Committee
- 2012-present Member of Departmental Visibility Committee
- 2011-present Undergraduate Coordinator CLAS Marine-IDS Program
- 2006-present Geological Sciences Undergraduate advisor
- 2006-present Undergraduate labs coordinator
- 2004-present Member of Departmental Undergraduate Curriculum Committee
- 2015-2018 Member Mentor Committee-Marina Klimenko
- 2017 Selection committee for the 2017-18 CLAS Teacher/Faculty Adviser/Professional Adviser of the Year competition
- 2016-2017 Member UF Online Virtual Labs Task Force

## **Service to Profession**

- 2016-present Advisory board member for NSF-funded Geoscience Engagement and Outreach (GEO-paths) grant (UF-Santa Fe College collaborative grant). PIs-Heidi Lannon (SFC), Kathryn Stofer (UF).
- 2015-present CLAS Faculty collaborator on MSP Grant *U-FUTuRES 2: University of Florida Unites Teachers to Reform Education in Science*, UF PIs L.F. Hayes and R.M. Pringle, UF College of Education. (<https://education.ufl.edu/science-education/u-futures/>)
- 2012-2014 CLAS Faculty collaborator on MSP Grant *U-FUTuRES: University of Florida Unites Teachers to Reform Education in Science*, UF PIs L.F. Hayes and R.M. Pringle, UF College of Education. (<https://education.ufl.edu/stem/ufutures/>)
- 2011 Associate Editor and activity reviewer for *On the Cutting Edge Collection on Teaching Petrology in the 21<sup>st</sup> Century*  
<https://serc.carleton.edu/NAGTWorkshops/petrology/index.html>
- 2009-2010 CLAS Faculty collaborator on MSP Grant: *Florida PROMiSE: Partners to Rejuvenate & Optimize Mathematics and Science Education*, UF PIs: S.J. Pape and M.J. Koroly, (<https://vivo.ufl.edu/display/n335099263>,  
<http://www.csl.usf.edu/ourwork/data/9Florida-PROMiSE.pdf> )
- 2007-2008 Supervisory Committee Member and contributing author for “Exploring Science Content”, UF PIs: C. Cavanaugh and K. Dawson, UF College of Education. (<https://etc.usf.edu/reports/union1/index.html> )
- 2007 Contributor to the Digital Library for Earth Science Education. ([www.DLESE.org](http://www.DLESE.org) ).
- 2003-2005 American Geophysical Union VGP Education and Outreach Committee.
- 2003-2005 RIDGE Education and Outreach Committee.
- 2001-2003 American Geophysical Union Committee on Education and Human Resources.  
Contributor to the RIDGE PETDB Global Petrologic Database.  
(<http://petdb.ldeo.columbia.edu/petdb/>)

## **Service to Schools and Public Outreach**

### **Curricular Materials developed for Teacher PD**

- Florida PROMiSE<sup>1</sup>: Scientific Theories Workshop Participant Guide. (2010). Florida Promise Institute / Florida Department of Education, Pub (605pp)<sup>2</sup>.
- Florida PROMiSE<sup>1</sup> Scientific Theories Workshop Provider Guide. (2010). Florida Promise Institute / Florida Department of Education, Pub. (1577pp)<sup>2</sup>.
- Florida PROMiSE<sup>1</sup> Earth and Space Science Workshop Participant Guide. (2010). Florida Promise Institute / Florida Department of Education.
- Florida PROMiSE<sup>1</sup> Earth and Space Science Workshop Provider Guide. (2010). Florida Promise Institute / Florida Department of Education, Pub. (1054pp).

<sup>1</sup> Dept. of Education Math Science Partnership Grant: *Florida PROMiSE: Partners to Rejuvenate & Optimize Mathematics and Science Education*, (<https://vivo.ufl.edu/display/n335099263>)

<sup>2</sup>MC Smith served as the lead developer and writer for only week 1 of the 2-week Scientific Theories workshop.

### **Curricular Materials Published Online**

Smith, MC (2008, 2009, 2010), Contributing author and feature scientist for the FLEXE Forum, a structured student-scientist interaction component of a NSF-funded GLOBE Program project entitled “ FLEXE: From Local to Extreme environments”. (<http://FLEXE.psu.edu>)

Smith, MC, (2008) *Florida’s Changing Coastline*, A contribution to “Exploring Florida Science”, Coastal Dynamics science resource module. (<http://fcit.usf.edu/florida/teacher/science/mod2/changing.coastlines.html> )

Smith, MC and Perfit, MR (2007) , *Petrography and Petrogenesis of a Mid-Ocean Ridge Lava Suite*, A contribution to the “On the Cutting Edge Exemplary Teaching Activities Collection”. ([http://serc.carleton.edu/NAGTWorkshops/petrology/teaching\\_examples/18470.html](http://serc.carleton.edu/NAGTWorkshops/petrology/teaching_examples/18470.html))

### **NSF Curriculum Materials Published in Print – Co-PI, Project Manager and Senior Writer**

Systems in Space. (2003). *Constructing Understandings of Earth Systems*, American Geological Institute, Pilot Test Edition (103 pp).

Geosphere. (2003). *Constructing Understandings of Earth Systems*, American Geological Institute, Pilot Test Edition (195 pp).

### **NSF Curriculum Materials Published in Print - Project Coordinator and Contributing Writer**

Earth System Evolution. (2003). *EarthComm: Earth System Science in the Community*. Its About Time Publishing Co., Student Edition (196 pp); Teacher’s Guide (674 pp).

Investigating Materials and Minerals. (2002). *Investigating Earth Systems*. It’s About Time Publishing Co., Student Edition (76 pp.), Teacher’s Guide (322 pp).

Investigating Energy Resources. (2002). *Investigating Earth Systems*. It’s About Time Publishing Co., Student Edition (76 pp.), Teacher’s Guide (324 pp).

Investigating Fossils. (2002). *Investigating Earth Systems*. It’s About Time Publishing Co., Student Edition (66 pp.), Teacher’s Guide (310 pp).

Investigating Our Dynamic Planet. (2002). *Investigating Earth Systems*. It’s About Time Publishing Co., Student Edition (76 pp.), Teacher’s Guide (346 pp).

Investigating Water Resources. (2002). *Investigating Earth Systems*. It’s About Time Publishing Co., Teacher’s Guide (292 pp).

Investigating Climate and Weather. (2002). *Investigating Earth Systems*. It’s About Time Publishing Co., Teacher’s Guide (372 pp).

Earth’s Natural Resources. (2002). *EarthComm: Earth System Science in the Community*. Its About Time Publishing Co., Teacher’s Guide (706 pp).

Earth’s Fluid Spheres. (2001). *EarthComm: Earth System Science in the Community*. Its About Time Publishing Co., Teacher’s Guide (628 pp).

## Teacher Professional Development Workshops Developed and Conducted

- UFUTuRES 2.0 Face to Face, 2 days of workshops for participants in the UFUTuRES 2.0 Professional development program, June, 2017.
- OASIS-Off-Axis seamount Investigations at Siqueiros Educational Outreach Workshop. Two-day workshop for teachers in Urbana-Champagne to collaborate in the development of curricular materials for students participating in cruise-related outreach. July, 2016. (co-conducted with M. Perfit (UF) and P. Gregg (UI Urbana-Champagne).
- UFUTuRES 2.0 Face to Face, 3 days of workshops for participants in the UFUTuRES 2.0 Professional development program, June, 2016.
- Alachua Co. School System, *Rocks and Minerals Workshop*– (1 day) workshop for elementary teachers implementing new earth science curricula. June, 2016.
- Alachua Co. School System, *Rocks and Minerals Workshop*– (1 day) workshop for elementary teachers implementing new earth science curricula. June, 2012.
- Duval Co. School System *Bioscopes Earth Science Workshops* – (~45hr) workshop designed improve Earth Sciences content knowledge for high school teachers to implement the Florida Next Generation Sunshine State Standards and develop correlated inquiry-driven curricular materials, Jacksonville, FL, March-June, 2012.
- Hillsborough Co. School System Florida *Florida PROMiSE Scientific Theories Workshop: Physical Sciences week* – 5-day (30 hr) workshop designed to help prepare middle school and high school teachers to implement the Florida Next Generation Sunshine State Standards, Tampa, FL, July 26-30, 2010.
- Duval Co. School System *Florida PROMiSE Scientific Theories Workshop: Physical Sciences week* – 5-day (30 hr) workshop designed to help prepare middle school and high school teachers to implement the Florida Next Generation Sunshine State Standards, Jacksonville, FL, July 19-23, 2010.
- Hillsborough Co. School System Florida *Florida PROMiSE Scientific Theories Workshop: Physical Sciences week* – 5-day (30 hr) workshop designed to help prepare middle school and high school teachers to implement the Florida Next Generation Sunshine State Standards, Tampa, FL, July 27-31, 2009.
- Duval Co. School System *Florida PROMiSE Scientific Theories Workshop: Physical Sciences week* – 5-day (30 hr) workshop designed to help prepare middle school and high school teachers to implement the Florida Next Generation Sunshine State Standards, Jacksonville, FL, July 20-24, 2009.
- Beyond Gems: *Earth Science* – 2-day K-12 Teacher Professional development workshop for the School Board of Alachua Co., July, 2006.
- Beyond Gems: *Using Technology in the Classroom* – 4-day K-12 Teacher Professional development workshop for the School Board of Alachua Co., June, 2006.
- Incorporating Student Response Technology into the Classroom, American Association of Two Year Colleges (AMATYC) Meeting, Orlando, FL, November 20, 2004. (in addition, 7 other seminars similar to that listed above at workshops in Miami, FL; Charleston, SC; and Las Vegas, NV).
- EarthComm – An Inquiry-Based Earth Systems Science Curriculum for High school, National Science Teachers Association Annual Meeting, San Diego California, March 2002.

Cincinnati Public Schools, 2-day teacher enhancement workshop for the EarthComm Earth's Natural Resources module, November 2001.

### Other outreach to Schools

- Member of School Board of Alachua County *Seeds of Science* Advisory Committee (advises on matters related to the Alachua County Science Fair).
- Alachua Co. Regional Science Fair Judge.
- Alachua Co. school volunteer.
- Earth science panel member/curriculum writer, Resources for Environmental Literacy Project- Professional Development for Middle and High School Teachers (2003-2004).

### Other Public Outreach

- 2007-present: Developer, coordinator and participant for the annual UF Dept. of Geological Sciences "Can You Dig It" general public/school outreach and education event. This event averages about 2000 attendees each year.

## Publications

### Refereed Publications

Perfit, M.R., Wanless, V.D., Ridley, W.I., Klein, E., Smith, M.C., Hinds, J.S., Kutza, S., and Fornari, D.J. (2012) EPR ISS Lava Geochemistry –2 decades of comprehensive sampling and 2 eruptions. *Oceanography*, 25-1, 89-93.

Schmitt, A.K., Perfit, M.R., Rubin, K.H., Stockli, D.F., Smith, M.C., Cotsonika, L.A., Zellmer, G.F., Ridley, W.I., Lovera, O.M., (2011) Rapid cooling rates at an active mid-ocean ridge from zircon thermochronology, *Earth Planet. Sci. Lett.* **302**, 349.

Ridley, W.I., Perfit, M.R., Smith, M.C. and Fornari, D. (2006), Magmatic Processes In Developing Oceanic Crust Revealed In A Cumulate Xenolith Collected At The East Pacific Rise, 9° 50'N., *Geochemistry, Geophysics and Geosystems*, Vol. 7, Q12004, DOI 0.1029/2006GC001316, 12 December, 2006.

Zimmerman, A. R., M. C. Smith (2006), Engaging Today's Students in Earth Science 101, *Eos Trans. AGU*, 87(34), 339, 10.1029/2006EO340003.

Rubin, K.H., van der Zander, I., Smith, M.C. and Bergmanis, E.C., (2005), Minimum speed limit for ocean ridge magmatism from  $^{210}\text{Pb}$ - $^{226}\text{Ra}$ - $^{230}\text{Th}$  disequilibria, *Nature*, 437, 534-538, DOI: 10.1038/nature03993.

Chadwick J., M. Perfit, I. Ridley, I. Jonasson, G. Kamenov, W. Chadwick, R. Embley, P. le Roux, M. Smith (2005), Magmatic effects of the Cobb hot spot on the Juan de Fuca Ridge, *J. Geophys. Res.*, 110, B03101, doi:10.1029/2003JB002767.

Smith, M.C., Perfit, M.R., Fornari, D.J., Ridley, W.I., Edwards, M.H., Kurras, G and Von Damm, K.L., (2001), Magmatic processes and segmentation at a fast spreading mid-ocean ridge: detailed geochemistry and mapping of the East Pacific Rise Crest at the 9° 37' N overlapping spreading center, *Geochemistry, Geophysics and Geosystems*, V.2.

Rubin, K.H., Smith, M.C., Bergmanis, E.C., Perfit, M.R., Sinton, J.M. and Batiza, R., (2001), Magmatic history and volcanological insights from individual lava flows erupted on the sea floor, *Earth and Planetary Science Letters*, 188, 349-367.

Embley, R.W., Chadwick, W.W., Jr., Perfit, M.R. and Smith, M.C., (2000), Recent Eruptions on the CoAxial Segment of the Juan de Fuca Ridge: Implications for Mid-Ocean Ridge Accretion Processes, *Journal of Geophysical Research*, 105, 16501-16525.

- Kurras, G.J., Fornari, D.J., Edwards, M.H., Perfit, M.R., and Smith, M.C., (2000), Volcanic Morphology of the East Pacific Rise Crest 9° 49' - 52' N: 1. Implications for Volcanic Emplacement Processes at Fast-Spreading Mid-Ocean Ridges, *Marine Geophysical. Researches*, 21, 23-41.
- Rubin, K.H., Smith, M.C., Perfit, M.R., and Christie, D., (1998), Geochronology and geochemistry of lavas from the 1996 North Gorda Ridge Eruption, *Deep Sea Research II*, 45, 2571-2597.
- Smith, M.C., Perfit, M.R. and Jonasson, I.R., (1994), Spatial and temporal variations in the geochemistry of lava from the S. Juan de Fuca Ridge: Implications for petrogenesis, *Journal of Geophysical Research*, 99, 4787-4812.
- Perfit, M.R., Fornari, D., Smith, M.C., Bender, J., Langmuir, C. and Haymon, R., (1994), Small-scale spatial and temporal variations in mid-ocean ridge crest magmatic processes, *Geology*, 22, 375-379.
- Haymon, R., Fornari, D.J., Von Damm, K., Lilley, M., Perfit, M., Edmond, J., Shanks, W.C., III, Lutz, R., Grebmeier, J., Carbotte, S., Wright, D., McLaughlin, E., Smith, M., Beedles, N. and Olson, E., (1993), Volcanic eruption of the mid-ocean ridge along the East Pacific at 9°45-52'N: I. Direct submersible observation of seafloor phenomena associated with an eruption event in April, 1991, *Earth and Planetary Science Letters*, 19, 85-101.

### **Selected Abstracts**

- Perfit, M.R., Fornari, D.J., Gregg, P.M., Wanless, V.D., Smith, M.C., Ridley, W.I., Geist, D. and OASIS Science Team\*; (2017). Diversity of Lavas from the 8° 20'N Seamount Chain: Windows into Small-scale Geochemical Heterogeneity of the Mantle Proximal to the Northern East Pacific Rise. International Association of Volcanology and Chemistry of the Interior of the Earth, IAVCEI 2017 Scientific Assembly, Portland, OR.
- DJ Fornari, MR Perfit, PM Gregg, VD Wanless and AT37-05 Science Party\*. Seamount Calderas and Craters- Keys to Submarine Magmatic and Volcanic Processes. Abstract (poster 203147), AGU Chapman Conference on Submarine Volcanism: New Approaches and Research Frontiers, 29 January-3 February, 2017. Hobart, Tasmanian, Australia.
- Smith, M.C., Perfit, M.R.; Davis C.; Kamenov G.D., (2011). Temporal and Spatial Variability in the Geochemistry of Axial and CoAxial Segment Lavas and their Mantle Sources. V11E-2556. Fall Meeting, AGU, San Francisco, Calif.
- Banks, Jonathan C. and Matthew C. Smith (2008), Quantitative Evaluation of Student Response Systems in Lecture Hall Oceanography Classes, *Geological Society of America Joint Annual Meeting, Houston, TX, GSA Abstracts with Programs*
- Goehring, E C, Carlsen, W, Larsen, J, Simms, E, Smith, M (2007), From Local to EXtreme Environments (FLEXE): Promoting Earth Systems Science Literacy Through Student Inquiry and Real Data, *Eos Trans. AGU*, 88(52), Fall Meet. Suppl., Abstract ED41C-07.
- Perfit, MR, Smith, MC, Schmitt, AK and Rubin, KH (2006), Silicic Magma Evolution at Mid-Ocean Ridges: Insights from the Southern Juan de Fuca Ridge, *Eos Trans. AGU*, 87(52), Fall Meet. Suppl., Abstract V51E-1716.
- Smith, M.C, Cotsonika, LA, Perfit, MR (2005), A Mid-Ocean Ridge Petrology Teaching Suite: Thin Sections and Geochemical Data for use in Undergraduate Instruction, *Eos Trans. AGU*, 86(52), Fall Meet. Suppl., Abstract ED13A-1137.
- Cotsonika, LA, Perfit, MR, Smith, MC, Kamenov, G, Stakes, D, Ridley, W, and Wallace, P (2005), Petrogenesis of Andesites and Dacites From the Southern Juan de Fuca Ridge, *Eos Trans. AGU*, 86(52), Fall Meet. Suppl., Abstract V13B-0551.

- Perfit, M, Maclennan, J, Fornari, D, Ridley, I, Sims, K, Smith, M (2003), MORB Petrogenesis and Crustal Development of the East Pacific Rise (EPR) at the R2K ISS (9°-10°N), *Eos Trans. AGU*, 84(46), Fall Meet. Suppl., Abstract B12A-0746.
- Van der Zander, I, Rubin, KH, Smith, M, Perfit, M, Bergmanis, EC (2003), <sup>210</sup>Pb-<sup>226</sup>Ra and Other U-Series Disequilibria in Very Young MORB and Loihi Tholeiites, *Eos Trans. AGU*, 84(46), Fall Meet. Suppl., Abstract V32C-1025.
- Smith, M.C., Smith, M.J., Lederman, N., Southard, J., Rogers, E. and Callahan, C., Project CUES: A New Middle-School Earth System Science Curriculum being Developed by the American Geological Institute (2002), *AGU*, 83(47), Fall Meet. Suppl., Abstract ED52A-0012.

Plus more than 20 additional abstracts.

\*MC Smith is member of OASIS Science team

### **Field Experience**

- 2016 Petrochemist and dive participant aboard the RV Atlantis, Siqueiros Fracture Zone, OASIS (Off-Axis Seamount Investigations at Siqueiros) cruise.
- 1995 Petrochemist and dive participant aboard the RV Atlantis II, Juan de Fuca Ridge (JdFR), NOAA Vents cruise Leg 1 (voyage 132-09).
- 1994 Petrochemist and camera pilot aboard the NOAA ship Discoverer, JdFR, NOAA Vents cruise Leg 1 (voyage DI-94-03).
- 1994 Petrochemist aboard RV Atlantis II, JdFR, (voyage 131-18).
- 1994 Scientific personnel and dive participant aboard the RV Atlantis II and DSV ALVIN, East Pacific Rise (EPR) at 9°-10°N, AdVenture IV cruise (voyage 131-14).
- 1993 Scientific personnel aboard the NOAA ship Discoverer, JdFR, NOAA Vents cruise Leg 2.
- 1992 Petrochemist aboard the RV Atlantis II, EPR at 9°-10°N, AdVenture III cruise (voyage 131-11).
- 1991 Petrochemist and dive participant aboard the RV Atlantis II and DSV ALVIN, JdFR, NOAA Vents cruise Leg 2 (voyage 125-29).
- 1991 Scientific personnel and dive participant aboard the RV Atlantis II and DSV ALVIN, EPR at 9°-10°N, AdVenture cruise (voyage 125-24).
- 1990 Scientific personnel RV Atlantis II, NOAA Vents cruise on the Juan de Fuca Ridge, Leg 3 (voyage 125-11).
- 1990 Scientific personnel and camera pilot aboard the NOAA ship Discoverer, JdFR, NOAA Vents cruise Leg 2 (voyage DI-90-03).
- 1990 Resistivity Surveying, Geohazards Inc., Gainesville, FL
- 1988 Two months field work in intertidal and shallow subtidal zones, Shoals Marine Lab, Appledore Island, NH.
- 1988 One month field work studying sedimentation processes in tidal mud flats, Jackson Estuarine Laboratory, Durham, NH.
- 1988 One month mapping and sampling in Maine for senior thesis.
- 1988 Two weeks mapping and sampling offshore in Maine aboard the R.V. Jere Chase.

## Summary of UF Teaching Experience and Evaluations

Semester	Courses Taught	"Instructor Overall" Evaluation Data <sup>1</sup>		
		M. C. Smith	Average for Dept. <sup>2</sup>	Average for College <sup>2</sup>
Fall, 2003	GLY1000 (3 offerings)	4.28	4.13	4.21
Spring, 2004	GLY1000 (3 offerings)	4.39	4.20	4.24
Summer, 2004	GLY2010C	4.83	4.43	4.38
Fall, 2004	GLY1000 (3 offerings)	4.36	4.12	4.19
Spring, 2005	GLY1000 (2 offerings), OCE1005 (2 offerings)	4.34	4.24	4.23
Summer, 2005	GLY2010C	4.70	4.57	4.32
Fall, 2005	GLY1000 (2 offerings), ESC1000, OCE1005	4.26	4.14	4.17
Spring, 2006	ESC1000, GLY2010C, GLY2030C	4.31	4.11	4.24
Summer, 2006	GLY1000	4.57	4.45	4.41
Fall, 2006	GLY1000 (2 offerings), OCE1005 (2 offerings)	4.29	4.13	4.23
Spring, 2007	GLY2010C, OCE1005 (offerings)	4.56	4.28	4.22
Summer, 2007	GLY1000	4.50	4.40	4.43
Fall, 2007	GLY1000, GLY4930, OCE1001	4.10	4.26	4.24
Spring, 2008	ESC1000, GLY2010C, OCE1001	4.45	4.29	4.26
Summer, 2008	GLY1000, OCE1001	4.55	4.28	4.26
Fall, 2008	GLY2010C, GLY2030C, OCE1001	4.46	4.18	4.25
Spring, 2009	GLY2030C, GLY4310C, OCE1001	4.76	4.22	4.27
Summer, 2009	GLY1000	4.57	4.26	4.41
Fall, 2009	GLY1000, GLY1150L (2 offerings), GLY2010C	4.71	4.40	4.26
Spring, 2010	GLY2010C, GLY2030C, GLY4310C, GLY4310C-Lab section	4.76	4.30	4.26
Summer, 2010	GLY1150L	4.81	3.99	4.39
Fall, 2010	GLY2010C, GLY2030C, GLY3202C	4.68	4.52	4.27
Spring, 2011	GLY2010C, GLY2030C, GLY4310C, GLY4905	4.82	4.30	4.24
Summer, 2011	OCE1001	4.44	3.84	4.27
Fall, 2011	GLY2010C, GLY2030C, GLY3202C	4.67	4.19	4.14
Spring, 2012	GLY2010C, GLY4310C, GLY4750L, OCE1001	4.56	3.99	4.20
Summer, 2012	GLY1000, OCE1001	4.48	4.11	4.30
Fall, 2012	GLY2010C, GLY2030C, GLY3202C, GLY4310C	4.52	4.01	4.08
Spring, 2013	GLY2010, GLY4310C, GLY4155	4.79	4.13	4.16
Summer 2013	GLY1000, GLY1150L	4.54	4.06	4.35
Fall 2013	GLY2010C, GLY2030C, GLY3202C, GLY6932	4.78	4.07	4.18
Spring 2014	GLY2010C, GLY4155C, GLY4310C	4.89	4.18	4.23
Summer 2014	ESC1000	4.55	4.08	4.38
Fall 2014	GLY2010C, GLY2030C, GLY3202C, GLY4930	4.69	4.15	4.18
Spring 2015	GLY2010C, GLY2030C-online, GLY4155C, GLY4930	4.58	4.19	4.21
Summer 2015	ESC1000, GLY2030C-online	4.87	4.15	4.38
Fall 2015	GLY2010C, GLY2030C, GLY3202C	4.65	3.96	4.21
Spring 2016	GLY2010C, GLY2030C-online	4.76	4.19	4.24
Summer 2016	GLY6932	No Evals. available-offbook course		
Fall 2016	GLY2010C, GLY3202C, GLY4155C-Online	4.74	3.92	4.24
Spring 2017	PD Leave. No Classes Taught			

Summer 2017	GLY6932, GLY2030C	4.42	4.30	4.40
Fall 2017	GLY2010C (2 offerings), GLY3202C, GLY3202C-online	4.67	3.93	4.26
Spring 2018	GLY2010C (2 offerings), GLY4155C, GLY4155C-online	4.69	4.07	4.30

1. Student evaluation of Teaching Data. "Instructor Overall" is one category (Question 10) on this evaluative instrument. Averages represent non-weighted (in terms of student enrollment) averages of all sections. Scale is from 1-5 with 5 being the best possible.
2. Includes M.C. Smith evaluations in average.