

---

# Clint M. Miller

---

## Exploration Geologist (Internship)

Department of Earth Science Rice University  
6100 Main Street, MS-126  
Houston, TX 77005-1892

Phone: 512.934.0670 (Mobile)  
Email: cmm10@rice.edu  
Webpage: www.flavors.me/cmm10

---

### EDUCATION

#### **Rice University, Houston, Texas**

Ph.D. Geology, Geochemistry, (December 2017 Graduation)

#### **Texas A&M University, College Station, Texas**

M.S. Geology, Environmental Geochemistry, 4.0 GPA, December 2009

#### **Texas A&M University, College Station, Texas**

B.S. Geology, 3.3 GPA, August 2004

---

### CURRENT RESEARCH

**My research focuses on understanding the biogeochemistry of shallow organic-rich ocean sediments. These sediments undergo complex alteration prior to deep burial. Specific locations of study include Arctic East Siberian continental shelf/slope, offshore Peru, and Sea of Japan.**

---

### RECENT WORK EXPERIENCE

#### **Rice University, Houston, TX**

Chevron Fellow/Research Assistant, 8/15/2012-Current

Contact: Dr. Jerry Dickens 713.348.5130

#### **Head Geochemist, Arctic Expedition, Swedish-Russian-US Arctic Ocean**

Investigation of Climate-Cryosphere-Carbon Interactions Program, Leg 2; Gas Hydrates Seismic and Coring Explorations on Swedish Icebreaker, Oden 8/1/14-10/25/14

**Shipboard Scientist, Site Survey Cruise, R/V Revelle** operated by Scripps Institute of Oceanography, Site Survey and Coring of Potential IODP drill sites offshore Papua New Guinea and Philippines 9/6/2012-10/5/2012

---

### HONORS AND AWARDS

Keck Fellowship, Rice University 2016-2017

1<sup>st</sup> Place Overall Poster GCAGS 2015

Honorable Mention Poster AAPG Student EXPO 2015

BP Scholarship Award in Geoscience, 2013-2014

Mills Bennet Fellowship, Rice University, 2012-2013

AAPG Student Chapter President, Rice University, 2012-2014

Chevron Fellow, Rice University, 2012-2013

First Place Research Poster, University Wide Poster Competition, Texas A&M, 2010

TxDOT Aggregate Research Consortium Research Grant, 2009-2010

National Science Foundation EAPSI Grant, 2008

---

---

## **PUBLICATIONS**

Miller, C. M., Dickens, G. R., Jakobsson, M., Johansson, C, Koshurnikov, A., O'Regan, M., Muschitiello, F., Stranne, C., and Mörth, C., Low methane concentrations in sediment along the continental slope north of Siberia: Inference from pore water geochemistry, *Biogeosciences*, In Review.

Stranne, C., O'Regan, M., Dickens, G. R., Crill, P., Miller, C., Preto, P., and Jakobsson, M.: Dynamic simulations of potential methane release from East Siberian continental slope sediments, *Geochemistry Geophysics Geosystems*, 17, 872-886, 2016.

Miller, C., Little D. N., Bhasin A., Gardner N., and Herbert B.: Surface Energy Characteristics and Impact of Natural Minerals on Aggregate-Bitumen Bond Strengths and Asphalt Mixture Durability. Transportation Research Record: Journal of the Transportation Research Board 2267, 45-55, 2012.

Miller, C. M., Vasconcelos, K. L., Little, D. N., & Bhasin, A.: Investigating aspects of aggregate properties that influence asphalt mixtures performance. Research Report for DTFH61-06-C-00021, Texas A & M University at College Station and The University of Texas at Austin, Texas, 2011.

---