



## 2016 SME Carolinas-Georgia Sections Joint Meeting and Field Trip

Asheville, NC; April 22-23, 2016

(Open to All Professionals and Students Regardless of Their SME Membership Status)

### **Meeting Title: Industrial Minerals in Western North Carolina, USA**

#### **Meeting Agenda:**

##### **Friday April 22, 2016:**

**Reception**..... 1 - 2 p.m.

##### **Technical Program:**

- The Spruce Pine Mining District: A Brief Summary of the Geology, Operations, and Products... 2 - 2:30 p.m.  
*Alex S. Glover, P.G.*
- Geologic Overview of Southwestern North Carolina Focusing on the Murphy Syncline, Location of the Nantahala Talc and Limestone Quarry ..... 2:30 - 3 p.m.  
*Bart Cattanach, P.G., North Carolina Geological Survey*
- Industrial Minerals Processing..... 3 - 3:30 p.m.  
*Dr. Hamid Akbari, Minerals Research Lab, NC State University*
- The Role of Clay Minerals in the Transport of Pharmaceuticals and Personal-Care Products through Sediments and Soils..... 3:30 - 4 p.m.  
*Dr. Jeffrey Wilcox, University of North Carolina-Asheville*

**Dinner**..... 4 - 6 p.m.

**Asheville Brewery Tour**..... 6 - 9 p.m.

##### **Saturday, April 23, 2016:**

##### **Field Trip:**

- Minerals Research Laboratory ..... 7:30 -9 a.m.  
*Tour of Mineral Processing Equipment in Bench and Pilot Plant Scales with Focus on Industrial Minerals.*
- Nantahala Talc and Limestone Quarry ..... 9 -1 p.m.  
*The Nantahala Quarry is an active limestone quarry located in the beautiful Nantahala Gorge in Swain County, NC. The quarry has been mined continuously from the time it first opened in 1890. From 1895 until 1925 it was mined mainly for talc. For years this site has been frequented by Rockhounds for its spectacular specimens of bright pink, purple, and yellow banded marble, as well as very nice green translucent soapstone, aragonite, flowstone, calcite, etc.*

#### **Exhibit/Sponsor Opportunities:**

Sponsorship and exhibiting opportunities are available for this meeting which is the largest gathering of mining professionals and students in the Southeastern USA.

#### **Location:**

Department of Environmental Studies, University of North Carolina at Asheville, 1 University Heights, Asheville, NC 28804

#### **Registration:**

Please complete and mail the attached registration form with a check made payable to the SME Carolinas Section.

#### **Contact:**

For any questions or inquiries, please contact:

Dr. Hamid Akbari  
Minerals Research Laboratory, NC State University  
180 Coxe Ave, Asheville, NC 28801  
Phone: 828-251-6155 Ext. 223  
Fax: 828-251-6381  
Email: [hakbari@ncsu.edu](mailto:hakbari@ncsu.edu)

## 2016 SME Carolinas-Georgia Sections Joint Meeting Registration Form

(\* Required Fields)

- Name\*: \_\_\_\_\_ Email\*: \_\_\_\_\_
  - Company/Affiliation\*: \_\_\_\_\_ Phone\*: \_\_\_\_\_
  - Please select all the activities that you plan to attend\*:
    - ☐ Friday technical session and dinner
    - ☐ Friday Asheville brewery tour
    - ☐ Saturday field trip
  - Registration Fee by March 25, 2016 (please select one)\*:
    - ☐ \$65 Professional Who **Needs** Transportation to Nantahala Talc and Limestone Quarry
    - ☐ \$50 Professional Who **DOES NOT Need** Transportation to Nantahala Talc and Limestone Quarry
    - ☐ \$30 Student Who **Needs** Transportation to Nantahala Talc and Limestone Quarry
    - ☐ \$15 Student Who **DOES NOT Need** Transportation to Nantahala Talc and Limestone Quarry
- For registration after March 25, 2016, please add \$20 to the selected category.
- Donation to the SME Carolinas Scholarship Fund (Optional):
    - ☐ \$10    ☐ \$25    ☐ \$50    ☐ \$\_\_\_\_\_ Other (Please Specify)

### Important Remarks:

- Registration is open to all professionals, students and their relatives and being a SME member is not required. However, every person who attends the meeting (other than the UNCA students who only participate in the technical program) should be registered.
- Providing the email address is mandatory because all the communications with the attendees regarding program announcements will be done through email.
- The registration fee covers reception, attending the technical program, and dinner. Each attendee is responsible for the fee associated with the Asheville brewery tour which will directly be collected by the tour operators at the time of service.
- If you need transportation to Nantahala for the field trip, please make sure that you select the right option in the "Registration Fee" section of the registration form.
- Please make the check payable to SME Carolinas Section.
- If you register for more than one person, one filled registration form per attendee is needed. However, the registration fees may be added up in a single check.
- Please mail this registration form along with the check to:

2016 SME Meeting Registration  
Dr. Hamid Akbari  
Minerals Research Laboratory  
North Carolina State University  
180 Coxe Avenue,  
Asheville, NC 28801

- You should receive a confirmation email after submitting this registration form and the check. If you don't receive the confirmation email within two weeks of mailing your documents, please contact us through [hakbari@ncsu.edu](mailto:hakbari@ncsu.edu) as it means that we don't have your registration materials and you are not registered yet.