



FOUR CORNERS GEOLOGICAL SOCIETY NEWSLETTER

November 2007

Since 1950

www.fourcornersgeologicalsociety.org

Next Meeting and Presentation

November FCGS Meeting and Presentation in Durango – p. 2
Speaker abstract – p. 4

The Prez Sez – p. 3

General Announcements
Advertising & News – p. 4 – 8

Four Corners Geological Society

November Meeting and Presentation

DATE: Friday, November 16, 2007

SPEAKER: Dr. Duane Smith, Professor of Southwest Studies and History, FLC, Durango, CO

TOPIC: Life and Times in Mining Camps 1860s through 1914, San Juan Mountains, Colorado

PLACE: Fort Lewis College, 1000 Rim Drive, Durango, Colorado (970) 247-7010

AGENDA:

5:30 PM- Social Hour, **“Student Memorial Lounge”**, in the College Union Building

6:30 PM- Dinner – New Mexican Buffet

7:30 PM- Presentation

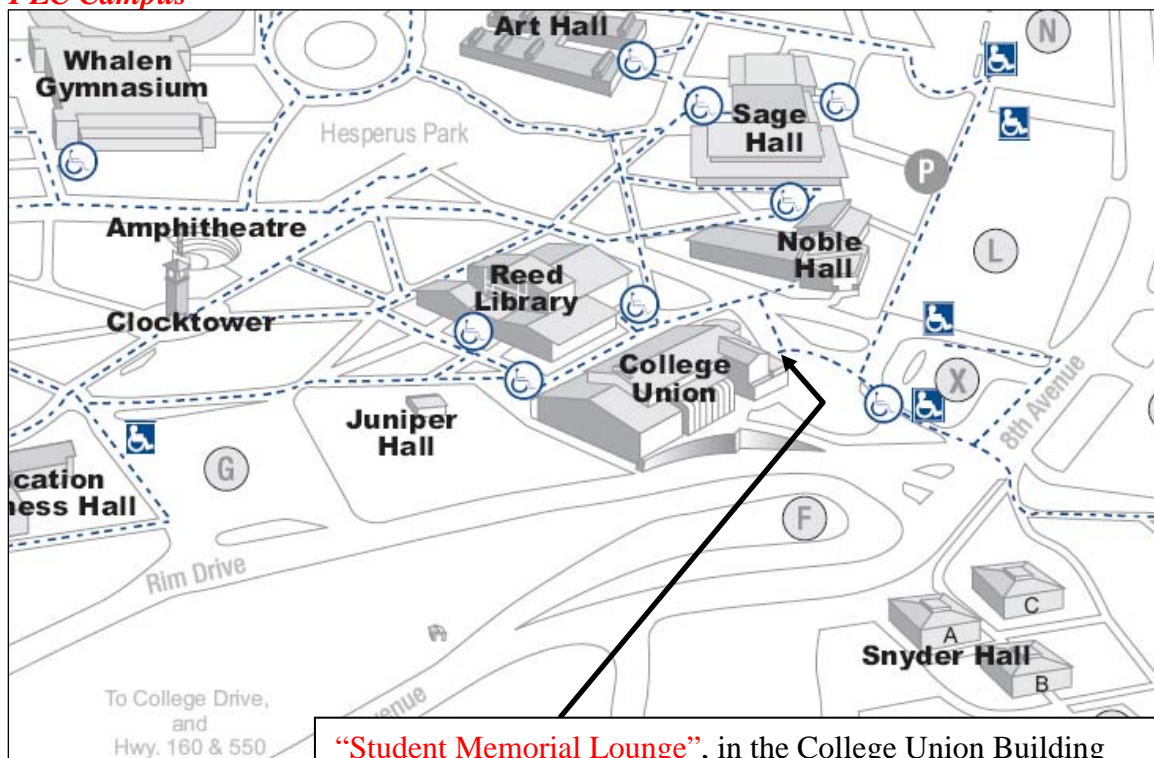
COSTS: \$20.00 per person (dinner and talk), \$2.00 per person (talk only), student’s free (talk only)

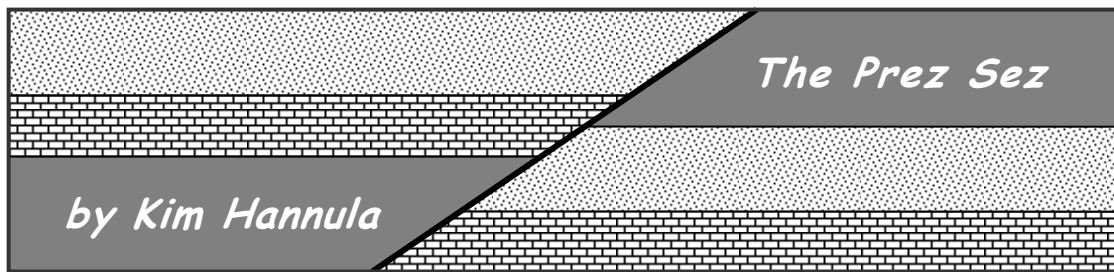
Reservations for this months meeting and presentation should be made by Wednesday, Nov. 14.

Farmington Contact: Chip Head – email: chip.f.head@conocophillips.com phone: (505) 326-9772

Durango Contact: Kim Hannula – email: hannula_k@fortlewis.edu phone: (970) 247-7463

FLC Campus





First of all, I would like to thank the FCGS Foundation for their recent contribution to funding senior thesis research at Fort Lewis College. We have twenty students doing research projects this year, and I expect around ten of them to present their research at the Rocky Mountain/Cordilleran section GSA meeting in Las Vegas in March. The generous support of the Four Corners Geological Society makes it possible for our students to do research that most students aren't able to do until graduate school. So thank you - we (and the students) really appreciate all your help.

Secondly, this month's talk should be of interest to both geologists and non-geologists. Fort Lewis College History Professor Duane Smith will be talking about the mining history of the San Juan Mountains. Professor Smith has written or edited over 40 books, and is an expert on the history of the Durango area. He has received numerous awards for both his teaching and his research - and beyond that, he tells a really good story. His lectures are invariably fascinating. I hope to see you there.

Kim



Life and Times in Mining Camps, 1860s through 1914, San Juan Mountains, Colorado

ABSTRACT

Presentation will include slides of the life and times in the mining camps, focused primarily in the San Juan Mountains. The period covered will be from 1860s through 1914, during the high tide of Colorado gold and silver mining.

SPEAKER BIO

Dr. Duane Smith

Professor of Southwest Studies and History since 1964 at Fort Lewis College, Durango, Colorado, research and writing areas include mining, Colorado, Civil War, urban, baseball history and currently working on a gold and silver Colorado mining history, 1859-2009.



General Announcements/News from other Geo-Societies

2010 AAPG-RMS Meeting – Update, Theme and Logo Contest

Kim Gerhardt

The Four Corners Geological Society voted last spring to host the Rocky Mountain Section meeting of the American Association of Petroleum Geologists in 2010. If you weren't aware of it, the FCGS is a member society of AAPG-RMS. We receive a number of benefits from this arrangement including reimbursement for the expenses of Distinguished Lecturers, free advertising in the Explorer once a year, representation on the AAPG House of Delegates, the opportunity to nominate outstanding Earth Science teachers to receive a monetary award, and a check for about 1.0% of the proceeds from the section meeting regardless of where it's held. In 2005 we received \$1,096 and in 2006 we received \$763 just for being a member society. As the host society we will be able to keep 40% of the proceeds, which will be much more lucrative for us.

The members of the steering committee are: Ed Heath, Chip Head, Tom Ann Casey, Steve Hayden, Dave Gonzales, Bob Owen, Kim Gerhardt and Jim Fassett. Kim and Jim were voted co-chairs with Kim handling the logistics side and Jim dealing with the technical program. In August of 2006, the committee determined that the meeting will be held from **Sunday, June 13 through Tuesday, June 15th, 2010 at Fort Lewis College** in Durango. The committee met again at the FCGS picnic this summer and discussed ideas for the technical program, logistics issues from other meetings and formation of convention committees. The Utah Geological Society, which hosted the recent AAPG-RMS meeting at Snowbird, formed fifteen committees to manage the event. These oversaw: finance, technical program, short courses, field trips, exhibit hall, publicity, registration, awards, judging, guest activities, social events, volunteers, sponsorship, convention signs, and “Rocks in Your Head”. Kim Gerhardt, Tom Ann Casey and Ed Heath attended this meeting and came back with lots of ideas for FCGS. Jim Fassett, Gary Gianniny and probably several other FLC faculty attended the October GSA meeting in Denver and will contribute their observations as well.

It is customary for the host society to come up with a theme for the meeting and a graphic logo to use in advertising. For example, the 2008 AAPG-RMS meeting, which will be hosted by the Rocky Mountain Association of Geologists in Denver in collaboration with the Colorado Oil and Gas Association, is being advertised as the “Rocky Mountain Energy Epicenter” with a logo of a mountainous skyline. The Snowbird Meeting was called the “56th Annual Rocky Mountain Rendezvous” and the logo was simply that of the Utah Geological Association. Outgoing AAPG-RMS President, Steve Schamel, assured me that we could just continue that format, using “59th Annual Rocky Mountain Rendezvous” and the FCGS logo for our meeting. However, the steering committee wants to allow members the chance to contribute their own ideas in the form of a **Theme and Logo Contest**. Please send your ideas to Kim Gerhardt, at kd@mydurango.net, by January, 2008. The winner will be picked by the steering committee and will receive one of our publications free of charge. We already came up with, “The Unconventional becomes Conventional” leading to, “The Unconventional Convention”, then, “Steaming into Durango – Between the Mountains and the Basin” with a train logo, and finally, “Big Waves, Big Rocks, Big Cliffs, Big Fun”. Can you guess which idea was Tom Ann’s?

Canadian Society for Unconventional Gas

The CSUG, sponsored by Halliburton, is holding their 9th annual Unconventional Gas Conference, November 14-16 at the Telus Convention Center in Calgary, Canada. There will be two days of technical presentations on unconventional gas exploration, focusing on geology, completions, stimulation and drilling. In addition, there will be six concurrent, 1/2 day sessions that will be taught by industry experts targeted to senior engineers and geologists (cutting edge), entry level to intermediate engineers and geologists (developing expertise) and non-technical support staff. For registration questions contact: e=mc2 event management inc. Toll free in North America at 1-866-851-3517, phone direct: (403) 770-1385.

E-mail: conference@emc2events.com

PTTC Technology Connections of the Rocky Mountain Region

Presents the following upcoming workshops:

Geographix Training: An Overview and Refresher Course, held November 16, 8:30 am - 4 pm, Colorado School of Mines. This course is designed for the person who has had some past experience with GeoGraphix and desires basic training for the newest version.

GIS and GPS for Earth Scientists: December 13, 8:30 am - 4 pm, Colorado School of Mines. This workshop will emphasize fundamental GIS concepts and use with ESRI's ArcGIS software using mining and petroleum data. As well, collecting coordinates using GPS receivers will be addressed in use with ArcGIS.

To register online, go to www.pttcrockies.org. For more information, contact Mary Carr, 303-273-3107, mcarr@mines.edu.

Rocky Mountain Association of Geologists

Will hold two short courses:

John Lorenz of Geoflight, LLC will teach "**Fractures and Geomechanics**" January 16, 2008.

The RMAG/DGS 3D **Seismic Symposium** will be held early March, 2008. More information on these two events will be posted on the RMAG website at www.RMAG.org.

RMAG invites you to the 2007 **Rockbusters Ball**, the annual professional awards presentation and dinner dance, Saturday, November 17, 2007 in Littleton, Colorado. For online registration: www.RMAG.org, or call RMAG at 303-573-8621.



• RESPONDING TO CUSTOMER NEEDS •
• truly unconventional™ • advanced services • stability • potential •
UNCONVENTIONAL REVOLUTION • PARTNERSHIP • QUALITY •

“Unleash your reservoir potential”

• advanced services • trusted adviser • commitment • honest •
SEAM PRIOTIZATION • RETURN ON INVESTMENT • CGC DATA
• solution provider • reservoir characterization • consulting •
CERTAINTY • QUALITY SERVICE • ADVANCED SERVICES • DATA
• risk management • seam prioritization • development guide •
EFFICIENT • INTEGRATED PRODUCTS • BOTTOM LINE • CGC

www.welldog.com 307.721.8875 Sales ext. 1

November 10-14, 2007- 2007 **Society of Petroleum Engineers** (SPE), New Orleans, Louisiana

November 19-20, 2007- **Norwest Questa Engineering Short Course**, “Australia Coalseam Methane” Brisbane, Australia, 866-277-1629

November 20, 2007- **DWLS Luncheon**, Dick Merkel, EnCana Oil & Gas, “Using Core Data to Develop and Calibrate Petrophysical Models in Tight Gas Sandstone Reservoirs.” Wynkoop Brewery, Denver, Colorado. Contact Eleice Wickham 303-573-2781

April 20-23, 2008- **AAPG Annual Convention and Exhibition** , San Antonio, Texas

October 5-8, 2008- **Geological Society of America** Annual Meeting, Houston, Texas.

David V. Grey
Geologist/Geophysicist

UPSTREAM ENERGY CONSULTANTS, LLC
Geology, Geophysics, Reservoir & Economic Analysis
970-731-2908

| | |
|--------------------------|-------------------------|
| 60 JJ Junction | Cell: 970-946-5787 |
| Pagosa Springs, CO 81147 | dgrey1129centurytel.net |

The Denver Prospect Fair and Technofest Exhibition will be held Monday, November 5, 2007, at the Colorado Convention Center in Denver, Colorado. The RMAG, the Denver Association of Petroleum Landmen, the Denver Geophysical Society, the Independent Petroleum Association of Mountain States, and the Society of Petroleum Engineers Denver Section invite prospect exhibitors, software developers, data vendors, and service companies to share their ideas, technologies, and services. Call Sandi Pellissier at RMAG, Voice (303) 573-8621, Fax (303) 628-0546, e-mail: RMAGdenver@aol.com

NOV 1-3 COLORADO ENVIRONMENTAL FILM FESTIVAL

The Colorado Environmental Film Festival is an exciting, inspiring, and energizing event that includes world-class environmental films as well as topical forums and discussions. It will be held Nov. 1-3, 2007, at the American Mountaineering Center, 710 Tenth Street, Golden, CO. Visit www.ceff.net for details.

Exhibits at some local museums:

Western Museum of Mining & Industry, Colorado Springs, from Sept. 13 through Dec. 29, Changing Mines in America, A Photography Exhibit by Peter Goin. Most Americans today view mines as little more than “waste places,” as ugly scars on the landscape that has no connection to an American way of life. The Western Museum of Mining and Industry recently announced the opening of Changing Mines in America, a new photo exhibit featuring the work of nationally recognized artist Peter Goin. Through the 24 photographs on display at the museum, Goin reveals that mines are more than physical degradations; they are evolving cultural artifacts on the American landscape. 9 a.m. - 4 p.m. daily; customary admission applies. 225 North Gate Blvd. (at I-25 Gleneagle exit #156A); 719-488-0880; www.wmmi.org

The Museum will also be holding:

Nov. 8, 8 p.m., Adult Lecture Series: "The Mining Camps Speak". To stimulate more discussion around our featured exhibit, “Changing Mines In America”, Beth and Bill Sagstetter, will highlight their highly praised book: The Mining Camps Speak. Through their photography and lecture, the Sagstetters provide a virtual tour of abandoned mining camps and ghost towns throughout Colorado, Idaho, and California....

University of Colorado Museum, Boulder, you may be interested in two (or more) ongoing exhibits at the museum:

"Fossils: Clues to the Past" is the ongoing exhibit in the museum's Paleontology Hall and ***"What's In a Name? Understanding the World of Plants"***, through May 15, 2008 in the McKenna Gallery, exhibits the science and art of botanical classification. This exhibit examines the very human endeavor of placing names on the flowers, grasses, and trees with which we share the world, and the closely related study of understanding their biological and historical relatedness with each other. For more information about the museum see <http://cumuseum.colorado.edu/>



Advertising rates for the Four Corners Geological Society newsletter:

Full Page Ad (7½" x 9½") \$100/mo. or \$1000/yr. Half Page Ad (7½" x 4½") \$50/mo. or \$500/yr.
¼ Page Ad (3½" x 4½") \$25/mo. or \$250/yr. Business Card (3½" x 2") \$10/mo. or 100/yr.

Odd sizes are \$3.50 per column inch per month, minimum \$10.00

For more information, please contact the FCGS Treasurer. Proceeds will go toward the further development of the Society (i.e., offset meeting costs, publications, etc.).

Four Corners Geological Society

P.O. Box 1501, Durango, CO 81302

www.fourcornersgeologicalsociety.org

2007-08 Officers

President – Kim Hannula: Phone: 970.247.7463, e-mail: hannula_k@fortlewis.edu

President-Elect – Charles Head: Phone: 505.326.9772, e-mail: chip.f.head@conocophillips.com

Secretary – Stephanie Johnson: Phone: 970.247.1064, e-mail: twilightgeo@frontier.net

Treasurer – James Hornbeck: Phone: 505.325.8874, email: jmh@bmgdrilling.com

Book Chairperson – Tom Ann Casey: phone: 505-326-3753, email: tcasey@djsimmons.com

Newsletter Editor – Luke Titus: phone: 505.326.4242, email: ltitus@cedarridgellc.com

Past President– Steve Hayden: phone: 505.334.6178, email: steven.hayden@state.nm.us

Web Coordinator– Robin Kelly: phone: 505.326.4242, email: info@thedigitalhorse.com

Field Trip Coordinator– Kim Gerhardt: Phone: 970.375.2700, e-mail: kd@mydurango.net

Foundation President– Joe Hewitt: phone: 505.599.6365, email: jhewitt@blm.gov

Foundation Secretary – Jim Hornbeck: phone: 505.325.8874, email: jmh@bmgdrilling.com

Foundation Treasurer – Gary Gianniny: phone: 970.247.7254, email: gianniny_g@fortlewis.edu