

SCHEDULE OF EVENTS

Friday, April 27, 2007

3:00 pm	Poster Session I	SUB Ballroom D
4:30 pm	Poster Session II - Icebreaker	SUB Ballroom D
6:30 pm	Dinner	SUB Ballroom A
7:00 pm	Welcome and Dept. Awards Ceremony	SUB Ballroom A
8:00 pm	Jack Horner - Keynote Speaker	SUB Ballroom A

Saturday, April 28, 2007

8:30 am	Continental Breakfast	EPS Room 108
9:00 am	Oral Presentation - Session I	EPS Room 108
11:45 am	Lunch	
1:00 pm	Oral Presentation - Session II	EPS Room 108
4:00 pm	Closing Remarks	EPS Room 108

TECHNICAL PROGRAM

Friday, April 25, 2008

3:00 pm	<u>Poster Session I</u>	SUB Ballroom D
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CRYO-STAGE MICROSCOPY OF LIQUID VEIN STRUCTURE IN LABORATORY ICES USING FROZEN MICROBIAL GROWTH MEDIA: **Brox**, Timothy; Skidmore, Mark

HANDS-ON APPROACHES TO PLACE-BASED LEARNING OF EARTH SCIENCES THROUGH THE NSF-B SI GK12 PROGRAM: **Bruckner**, Monica Z.; Harder, Jeremy

TOOTH STRUCTURE FUNCTIONALITY OF TYRANNOSAURUS REX VS. CROCUTA CROCUTA: **Carroll**, Nathan

CORRELATING AVALANCHE ACTIVITY TO WEATHER PATTERNS AROUND GOTHIC, COLORADO: **Chesley**, Tara; Birkeland, Karl; Hansen, Kathy; Custer, Steve; Challender, Stuart

STRUCTURAL ANALYSIS OF SPACED CLEAVAGE AT THE EASTERN EDGE OF THE MCCARTNEY MOUNTAIN SALIENT, SOUTHWEST MONTANA: **Helmke**, Elizabeth

REGION-BASED BASIN MODELING: CORRELATING ENVIRONMENT OF DEPOSITION (EOD) TO CONNECTED PORE VOLUME (CPV), POWDER RIVER BASIN (PRB), NE WYOMING AND SW MONTANA: **Melick**, Jesse J.; Gardner, Michael H.

NEW FOSSIL RECORDS FOR THE ANCENEY LOCAL FAUNA IN THE MADISON VALLEY FORMATION (BARSTOVIAN NALMA), GALLATIN VALLEY, MONTANA: **Michalies**, Sarah

AN EVALUATION OF PALEOPATHOLOGIES IN THE TAILS OF LATE CRETACEOUS HADROSAURS: **Trevethan**, Ian J.

4:30 pm Poster Session II

SUB Ballroom D

A THRESHOLD SUSPENDED SEDIMENT TRANSPORT EVENT IN LINNEELVA, SPITSBERGEN: **Carr**, Christina

COLLAPSE OF THE OROGENIC FOLD AND THRUST BELT IN SOUTHWEST MONTANA: **Gearity**, Evan; Shaw, Colin; Childs, John; Lageson, David R.

A COMPARISON OF TWO METHODS USED TO CALCULATE WATER VAPOR CONDUCTANCE IN MODERN AND FOSSILIZED EGGS: **Kern**, Jamie

WHEN DOES A GLACIER BECOME JUST A CHUNK OF OLD ICE?: OBSERVATIONS OF GRASSHOPPER GLACIER: **Knudson**, Justin M.

UNDERSTANDING HOW CULTURAL TRADITIONS SUPPORT MICRO-BUSINESS DEVELOPMENT IN INDONESIAN TRADITIONAL VILLAGE MARKETS: **Leavall**, Brent

IMPACT CRATERING AS A PROXY FOR RELATIVE AGE DETERMINATION ON ENCELADUS: **McLeod**, Scott

COMPOSITION OF GASES IN DEBRIS-RICH BASAL ICE, IMPLICATIONS FOR MICROBIAL ACTIVITY AT -15°C: **Montross**, S.; Skidmore, M.; Brox, T.; B. Christner

ASSESSMENT OF GEOTHERMAL RESOURCES NEAR NORRIS HILL, MT: **Scyphers**, Joe

TECTONIC CONTROLS ON SYN-SEDIMENTARY STRUCTURAL GROWTH IN
THE ISONGO FORMATION (LATE MIOCENE), EQUATORIAL WEST AFRICA:
Wolak, Jeannette M.; Gardner, Michael G.

Saturday, April 28, 2007

- 8:30 am Continental Breakfast EPS 108
- 9:00 am **Oral Presentation Session I** EPS 108
Session Chair: Lee Hall
- 9:00 am DEPOSITIONAL ENVIRONMENT AND TAPHONOMY OF MARINE
VERTEBRATE BIOFACIES IN THE LOWER CRETACEOUS (ALBIAN)
THERMOPOLIS SHALE SOUTH-CENTRAL MONTANA: **Lash**, Catherine
- 9:15 am ECONOMIC RESTRUCTURING IN THE OTHER MONTANA: THE CASE
OF POPLAR: **Warren**, Scott D.
- 9:30 am THE PROXIMAL SEDIMENT ROUTING SYSTEM IN A MODERN
FORELAND BASIN - FOLD AND THRUST BELT SYSTEM: **Abrahamson**,
Ingrid Syverine
- 9:45 am DENTAL ANALYSIS OF NORTH AMERICAN TROODONTID
DINOSAURS: **Schaaf**, Clinton A.;
- 10:00 am HARDENING PROCESS OF MINERALS AT ROOM TEMPERATURE:
Manigault, Bernard
- 10:15 am **Intermission**
Session Chair: Sarah Michalies
- 10:30 am INFLUENCE OF GROWING STRUCTURES ON CRETACEOUS
ALLUVIAL SYSTEMS ALONG THE CORDILLERAN THRUST-BELT
FRONT, VALLEY OF FIRE, SOUTHERN NEVADA: **McNamara**, Kelsey;
Schmitt, James G.
- 10:45 am THE STRATIGRAPHIC DISTRIBUTION OF THE BIZARRE DWARF
WHALE HERPETOCETUS IN THE LATE NEOGENE OF CALIFORNIA:
Boessenecker, Robert W.
- 11:00 am THE GEOGRAPHIC AND ECONOMIC IMPORTANCE OF HUNTING IN
SOUTHWESTERN MONTANA: **Bergstrom**, Ryan D.; Hansen, Kathy J.

- 11:15 am NICHE PARTITIONING IN BIRDS OF PREY: INTERDIGITAL TALON SIZE VARIATION IS RELATED TO PREY CAPTURE AND IMMOBILISATION TECHNIQUE: **Fowler**, Denver W.
- 11:30 am TAPHONOMY AND TAXONOMY OF A VERTEBRATE MICROSITE IN THE EARLY CRETACEOUS STAGE BLACKLEAF FORMATION, SOUTHWEST MONTANA: **Ullmann**, Paul V.
- 11:45 am Lunch Break
- 1:00 pm **Oral Presentation Session II**
- Session Chair: Elizabeth Helmke
- 1:00 pm THE HIDDEN WORLD OF GONDWANAN DINOSAURS: NEW SPECIMENS FROM THE UPPER JURASSIC MUGHER MUDSTONE OF ETHIOPIA: **Hall**, Lee E.; Goodwin, Mark B.
- 1:15 pm WELCOME TO MARLBORO COUNTRY... LANDSCAPE CHANGE IN THE CRAZY MOUNTAINS, MONTANA: **Nygaard**, Kimi; Wyckoff, Bill
- 1:30 pm THE ORIGIN OF EROSIONAL CONFINEMENT IN DEEPWATER CONGLOMERATE CHANNELS: UPPER EL ROSARIO FORMATION (PALEOCENE), SAN CARLOS, BAJA CALIFORNIA, MEXICO: **Anderson**, Bryan, J.; Gardner, Michael H.; Schmitt, James G.
- 1:45 pm COMPARATIVE OSTEOHISTOLOGY OF *MAIASAURA PEEBLESORUM* (HADROSAURIDAE) FROM THE TWO MEDICINE FORMATION (CAMPANIAN) CAMP-O-SAUR BONEBED OF MONTANA: **Baziak**, Brian
- 2:00 pm DETERMINING SUBSURFACE STRUCTURE AROUND EPICENTER OF 27 MAY 2006 YOGYAKARTA EARTHQUAKE BASED ON TOTAL MAGNETIC FIELD ANOMALY: **Saesarianti**, Dwiyanita; Rachmawati, Nurfiana; Nurijan, Tuty
- 2:15 pm **Intermission**
- Session Chair: Kelsey McNamara
- 2:30 pm GLACIAL EROSION IN THE ROCKY MOUNTAINS: MORE THAN JUST PRETTY VALLEYS? **McKeon**, Ryan
- 2:45 pm MODELING AN *ORYCTODROMEUS CUBICULARIS* (DINOSAURIA) BURROW: **Woodruff**, D. Cary
- 3:00 pm PHOTOGRAPHY, LANGUAGE, AND COMMUNITY: PLACE IDENTITY IN THE CHANGING AMERICAN WEST: **Cohn**, Teresa

- 3:15 pm EXPERIMENTAL STUDIES ON SUPERCRITICAL CO₂ CHALLENGE TO BRINE AQUIFER ROCKS: **Hansen**, Logan; Skidmore, Mark; Brox, Timothy
- 3:30 pm PALEOCOMMUNITY RECONSTRUCTION OF JUDITH RIVER FORMATION (LATE CRETACEOUS: CAMPANIAN) VERTEBRATE MICROSITES, NORTHCENTRAL MONTANA: **Freedman**, Liz
- 4:00 pm **Closing Remarks**