



Unive

[www.usi.edu/endeavor](http://www.usi.edu/endeavor)



# 11th Annual Symposium 2012



ÀÙä rä þ½

Ł z OÙ² qz OöÙä>ø- ÅŋŸŸ - ä þ½ ä ū Ÿz² æŸa² qä>Åŋ²ŸŋŸm





## 9:30 a.m. POSTER SESSIONS

Carter Hall

- O- 00' Oi z lã

fi 11- i 2 00' Ya0 O' e" ä0ã 0%lã? gzãe äfi 00' 011qã3 ] zY0ã  
00'1i " 00'000? ä00' e"

, 11Yã0ã- 00 0ã

ã z0z 11ã- z2 00'0ã 00'ã 0ã0- z0 11ã 11ã 11ã 11ã  
O 11ã 11ã

0gã- z 00'0 qãfi 00'0 ä i 2 goz 11ã

ã z0z 11ã- z2 00'ã 00'ã 00'ã 00'ã 1 00'ã 00'ã 00'ã  
=11ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã

1 00'ã1 0- z 00'ã-0goz 0%000" z2nä  
, 11ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã  
ä

fi 00'ã zYã ä 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã  
fi 11ã zã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã  
Jz00'

## 10:30 a.m. POSTER SESSIONS

Carter Hall

O 11ã 00'ã z0e zã0' qã- 00'ã 00'ã 00'ã

0 zã- 11ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã  
11ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã

H 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã

00'ã 11ã- 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã  
O 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã  
- z0e 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã

, zYã0ã&z 00'ã

ãã0- ] zqã00'ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã  
&z0q0 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã  
O 00'ã 00'ã

O 00'ã 00'ã zYã

ãzYã? äfi z2 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã

- ] z lã e" ä0' qã0- zYãH 00'ã

0 zã- 11ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã  
- 11ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã

&z00ã 00'ã

ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã  
00'ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã

- 00'ã 11ã

ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã  
.0- Äzã0ã0ã0ã0ã0ã

=00'ã 00'ã z lã

11ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã 00'ã



,O- zYáH O@gzä

ä-Á¶¶" äÜú zj>gO@ä>oz Üá¶¶¶z¶- zääBÝ" äæú zj  
t- z²Ý¶²O¶¶¶¶" ää ÜáO ¶qz¶"

/ÚáH ¶-Ýä

ä zæÜ- ¶¶" äæä gæä%z²zä>zÍ i z²gzä¶¶ä>¶- zäO ¶¶ä  
>æ- ¶²æäÜ¶" z²æ

Ýæ²ä¶²ä

äiz²ä¶¶- zä j²¶Ü- O¶Ýä¶äí '&èæ¶iz¶äzOæqäö ää  
O i ÝäÜá%Öä²O¶" mä jfiæ¶¶zæææ¶¶¶¶ Sqzäç jfiH >È

# 1:30 p.m. POSTER SESSION

## Carter Hall

H ææä ÜÁzÜá²qä' Ü²q¶²ä' O-zä

æzäH ¶- O²äö ää²äB²i Ýi Oæ- æmä äfi Özä¶¶ä¶ Ýzqä  
O O²q¶ i ÜáOæÜá²g¶¶Üá²qä¶i O²æzæäÖä Ü jfi¶¶- j O²ä  
- zÜqO²ä¶- ä¶¶i äö zYæÜä²qO²O

O gææ&Üzæ

ä%gæzäO z²ä¶¶" ä-z Oæ¶²ÝöÄÝäö ääH ¶- z²äH ¶¶¶" äæä  
.zOqzÝöÄä ¶¶¶²ÝäH äæä²zä¶¶¶" Oæä äæäÝä-zÝi ää¶%  
OäO zæ¶æ¶" ÜÁæra/²³ p j p/½

,zÝgOä&zçæ²ä

ä

# PRESENTATIONS

University Center rooms 205-2217



	Room 2217		Room 2218	
³ mpā āmpāĒ-Ē	fiŋqāā Oāz ©	>i Yāā Oj āā ²zū āā H ŋl-z²nā²qāāā O ŋqzū āH ŋūq	Kayāā	







---

---



---

Metamorphic Pressure-Temperature Analysis of the Gandaf Formation, Indus Syntaxis, Pakistan Himalaya

Dr. M. M. Ahmad, U.S. Geological Survey

Faculty Sponsor: Prof. Dr. M. M. Ahmad

The Gandaf Formation is a sequence of sedimentary rocks in the Indus Syntaxis, Pakistan Himalaya. The formation is composed of sandstones, shales, and limestones. The rocks are generally well-sorted and have a fine to medium grain size. The Gandaf Formation is overlain by the Karakoram Group and underlain by the Indus Group. The Gandaf Formation is considered to be a tectonic window, and its metamorphic history is of interest.

The Gandaf Formation is a sequence of sedimentary rocks in the Indus Syntaxis, Pakistan Himalaya. The formation is composed of sandstones, shales, and limestones. The rocks are generally well-sorted and have a fine to medium grain size. The Gandaf Formation is overlain by the Karakoram Group and underlain by the Indus Group. The Gandaf Formation is considered to be a tectonic window, and its metamorphic history is of interest.

---

Spiritual Structures: Revealing Evansville's Heritage, Diversity, and Community

zYgOāi Úe

Faculty Sponsor:









---

Metamorphic Analysis of the Marghazar Formation Within the Kotah Dome, Swat, Pakistan,  
Western Himalaya

— ] z lã " rã O— z Ÿã H O @gz

Faculty Sponsor: È Ÿã Ÿã Áã È Èã





---

The Impact of Intercultural Service Learning on Ethnocentrism and Helping

O z" O² ä O ¶U¶¶²

Faculty Sponsor: E U¶¶² z z² ä > g o e Y æ U

@ e ¶ a ¶ q o ä z = O - e z q ä z z % g a ¶ ¶ z æ l j i e d O a y l i n g z ä z O ¶ e " a ¶ z a e ¶ g z² a ¶ - ä O² q a O ¶ ¶ - E a o z² æ j

---

# Death Penalty's Effect on Exoneration Rates

1992-2000

Faculty Sponsor: E. J. H. ...

... 1992-2000 ...

H z äöÄ ...

... /

... zÄi<sup>2</sup>

... z a äk ...

... / 2j! äk fl L Yc æ æ

... = Ü äk ...

---

## The Association Between the Rosette Motif and Death in Ancient Greek Artifacts

=z] zggOä=zø²¶¶@Ý

Faculty Sponsor: O Ýä Oä¶Oä O' öéÝ

@é/á/aqðä OÝg¶² qí gæqä¶ä qÝgz Û ä¶æz ä¶Ýz æä- ¶æ¶/áOÝ¶¶gOæqäö æäqz Oææ æ% Ûz" äOÜæOgä¶  
qí Üæ" ææz äO æ¶O² ä¶ p p p ÷½ p p/ ¶¶í ¶¶äO øgz² OzO² ä¶zä p p ÷½ p p/ ¶¶í ¶¶äO² qä Ügöægä¶æ p ÷ p p/ ¶¶í ¶¶äæ zä  
ÄzÜ¶¶qÝææz ä/á/aqðä OÝäO¶¶äqz Ýæ² z qä¶¶g¶¶- ÄOÜäO² qäqz æÜ- æ z ä¶æz ÜäO OÝäOgöæ²" zäæ ææz ä- zO² æ" ä  
¶¶í ææz ä¶Ýz æä- ¶¶æ¶ z ä z z² ææz Ýz ææz z äg¶² Ýz gí ææz ææ z ÄzÜ¶¶qÝæ ÜæOgä¶í ÜzøÝä z Û äg¶² qí gæqäOæ  
æz z ä¶¶gOæ¶² Ýææz æ% Ûz" äí Oæ¶² Oä Ügöæ¶¶¶" gOæO í Ýzì - ææz äO í Ýzì - ä¶í æ z ÄOæO² qäæz æ& zÜO ¶¶í ä  
O í Ýzì - ¶ææz äqOæ¶¶² ææz Ýz äOÜæOgä¶O OÝææz² ä¶¶Üæqä¶ ææz z ÄzÜ¶¶qäO² qäæz Üæ¶¶- z Û ä¶¶gOæ¶² ÝäO ææ ææz ä

---

---

Schoolhouse ROCKS!: A Service-Learning Project to Improve K-12 Geoscience Education in Southwestern Indiana

- Úá² ä>göe z ÖÝz Úá Ýöøðä æz qznäz ÝgOä&z c æ² räfi Oö] ä%Úöz - cÚ

Faculty Sponsor: Ł Ħafi OÚŁäH Ú cæ

>i Úz öäq]² qi gæqaj öäB>'äYæqz² äfi öYä%ÚæöÚäæ äYi -- zŁäi p p³ äYi² qäæ OäYgOä OÚäYg c² gzä æOgoz Ýäq]² äæöÖz äOggz ÝäYäæz ä i OæöäYg äYö- ÄöYäæz öä² z z qEæz Ýz æOgoz Ýäö O² äOggz ÝäYä] z æÚä YÖ- ÄöYä] i äæög " äYö qæ " äYä] i öäæz - äO² qä]Üä² Yö Öq" z äYäq] ÖgäYö- ÄöYäæz - Ýz Öz Yä æÚäöÚ äYi " - " z YäÄöYg Oäæ z Ögä]² äö öäYö- ÄöYäz² öæ² gz YäYæqz² ä² qz Úäö² qæ " Eæz Ú YÜz nÜg" äYz ääö z Ú äq] - Äöqä Yæ " äÖÚ ÖäYz qæ- z² äÖbä]g Yrä² z Yji Yä]g YäO² qä- z ä- YÜäöqä]g - äæz ä² O² z ä- Öz Üä Öæ äÚ " q]² rä O² qäYz qæ- z² äÖnät² z Yji YräO² qä- z ä- YÜäöqä]g YäYä- ä³ Ü " Y]² äO² qä] Üæz Ü äfi OäYi ÖEæz Ýz ä]g" äYz ää ÖÚ ä² Yö ä]² äYi O² äYä]g OäYgöYi Yäö Öæz äYi äö z Yäz ä² qO² Öä>æ O äYg Yä]i ä]² B>É

>c äg ÖYÜ]g - äYz ää]² æ öæ ÖYz Ogoö z Ú äglz Öæqnä² z Yji YräYz qæ- z² äÖnä- z ä- YÜäöqä]g YäYä]g" ä gæg nÄO² qä]g YäO² qä- c z ÖYä]² qO² ÖEæz ä]g" ä YäÖÚ äq]² äæ² z qäæ ÄöYäqäYö] z ä] YÜz qäæ] Yrä O² qäæ äæ] YäÖÚ ä Ögz qäæ äÖÚ z Üäæ] Yä]ÜäÖ² Yä]Üäö]² Eæz ä ÖæO² qäYz äÖÚ äOä] z Öqäö öäö- c Öæqä Äöqä] YäO² qäæ Yäfi Yä]Üäæz Ýz ä- Öz ÖYäö z Ú äq] - Yæ - Ú a ö] æzi Y Äöö

O zB zæän zÝ 8 " zŁäi a t zB zä Ł t ²²Oä Ú i Üe 8 " zŁäi  
O Ł Ö YÝ z äG Ö æ t Y ä ä - Ú 2Ü a ² ä Ú ä ä ² Ú ä c



---

Roommate Conflict: A Comparison of International and Domestic Students

0 Ogoe ¶ä0 00- 0

Faculty Sponsor: E UäV Ogoe Uä& z<sup>22</sup> 0"

---













