



**15<sup>th</sup> Annual**  
**MINNESOTA MINERALS EDUCATION WORKSHOP**  
 Winona State University, Winona, MN  
 June 19-21, 2012

**Early Registration Deadline: JUNE 1, 2012**

NAME: \_\_\_\_\_ SCHOOL: \_\_\_\_\_

HOME ADDRESS\* : \_\_\_\_\_ GRADE: \_\_\_\_\_

CITY/STATE/ZIP: \_\_\_\_\_

PHONE: \_\_\_\_\_ (H,C,W?) EMAIL: \_\_\_\_\_

SPECIAL ACCESS OR DIETARY NEEDS \_\_\_\_\_

**Short Course Schedule**

	A	B	C	D
Session 1 9:00-10:15	Fossils of the Midwest <i>Julie Bartley</i>	Using Gigapan in the Classroom <i>Candace Kairies-Beatty &amp; Lee Beatty</i>	Glacial Geology of SE MN <i>Howard Hobbs</i>	Paleozoic Geology of SE MN <i>Jim Miller</i>
Session 2 10:30-11:45	Dinosaur Trackway <i>Lee Beatty</i>	Impact Rocks in MN <i>Jennifer Anderson &amp; Mark Jirsa</i>	Climate Change <i>Tim McAulay &amp; Valerie Gamble</i>	MN Roadside Geology of SE MN <i>Richard Ojakangas</i>
Session 3 1:30-2:45	Rock and Mineral ID <i>Jennifer Anderson</i>	Mineral Resource Stewardship <i>Jim Miller</i>	Construction Aggregate <i>Christina Morrison</i>	Groundwater Quality <i>Jim Lundy</i>
Session 4 3:00-4:15	Mineral Uses <i>Ken Reid</i>	Earth Resource Lesson Plan Sharing <i>Devon Brecke</i>	Mineland Reclamation in S MN <i>Paul Eger</i>	Impact of Karst on Agriculture <i>Calvin Alexander</i>

Enter the letter of your first and second preference of short courses for each session

Session 1: \_\_\_\_ / \_\_\_\_ Session 2: \_\_\_\_ / \_\_\_\_ Session 3: \_\_\_\_ / \_\_\_\_ Session 4: \_\_\_\_ / \_\_\_\_

I plan to attend the Tuesday evening dinner and will bring \_\_\_\_ children (\$6) + \_\_\_\_ adults (\$10)

I plan to stay at the New Center West dorms the following nights  Mon  Tues  Wed

I would like to share a suite with \_\_\_\_\_

**PAYMENT:** Choose method of payment

Enclosed is a check for \$40 (+ cost of additional Tues. guests) made out to "MMEW-UMD"

Please charge \$40(+) to my credit card: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Type:  Visa  MC  AmEx  Other Exp: \_\_\_\_/\_\_\_\_ Name on Card: \_\_\_\_\_

\* Be sure address above is same as listed for credit card

Mail Form and Payment to: Julie Heinz, MMEW Registrar  
 UMD-Natural Resources Research Institute  
 5013 Miller Trunk Hwy, Duluth, MN 55811

Or, Fax Form with Credit Info to: 218-720-4329 (form will be shredded after card is charged)