

# Announcing...

## Science Masters Institute



*Science Masters Institute brings together 10 school districts and UW-Madison in a collaborative effort to extend and deepen conceptual understanding and improve achievement of middle school students in science through professional development opportunities for middle school science teachers, and teachers supporting student learning in science classrooms.*

### Professional Development

- Co-designed and co-facilitated by a UW-Madison faculty member in science or engineering and an MMSD secondary science resource teacher
- Intended to be taken by a cohort of teachers in a series of three courses over the span of one calendar year
- Each course is limited to 20 participants
- All courses will meet at an accessible Madison location
- Earn 1 UW special student credit from the Engineering or Letters & Science Department for each course completed. Each teacher is encouraged to participate in 3 courses and can thus earn 3 credits.
- There is no monetary cost to participate! Tuition is paid by a Title IIB grant through the Wisconsin DPI.

### Schedule

- ALL courses will be offered once in 2008 as part of a spring-summer-fall sequence and some (likely 6 of the 9) will be offered again in 2009 as part of a spring-summer sequence. 2009 courses and dates have yet to be determined.
- Each course includes 30 hours of contact time; 20 hours face-to-face and 10 hours online.
- Academic year (spring and fall) courses will meet on two Mondays from 5-8 pm and two Saturdays from 8 am -3 pm.
- Summer courses will meet Monday-Thursday 8 am – 1 pm

Registration Deadline	Course Content/Title <i>Spring 08</i>	Dates	Location	UW Faculty Member & Dept
Fri, 12/21 Noon	Weather & Water	Mon 2/11, Sat 2/16 Mon 2/25, Sat 3/1	La Follette HS	Scott Lindstrom & Margaret Mooney <i>Space Science &amp; Engineering</i>
Fri, 12/21 Noon	Earth's History	Mon 4/7, Sat 4/12 Mon 4/21, Sat 4/26	La Follette HS	Basil Tikoff <i>Geology</i>
	<b>Course Title - Summer 08</b>			
Fri, 3/14 Noon	Properties & Changes in Matter	June 16-19	UW Chem. Bldg	John Moore & Teri Larson <i>Chemistry</i>
Fri, 3/14 Noon	Genetics, Natural Selection & Evolution	June 23-26	La Follette HS	Colin Dewey <i>Biostatistics &amp; Medical Informatics</i>
Fri, 3/14 Noon	Transfer of Energy & Electronics	July 14-17	West HS	Amy Wendt <i>Electrical &amp; Computer Engineering</i>
Fri, 3/14 Noon	Unity & Diversity of Life	August 4-7	La Follette HS	David Baum <i>Botany</i>
	<b>Course Title - Fall 08</b>			
Fri, 5/30 Noon	Motion & Forces	Mon 9/8, Sat 9/13 Mon 9/22, Sat 9/27	La Follette HS	Nicola Ferrier <i>Mechanical Engineering</i>
Fri, 5/30 Noon	Human Brain & Senses	Mon 10/6, Sat 10/11 Mon 10/20, Sat 10/25	West HS	Tom Yin <i>Physiology</i>
Fri, 5/30 Noon	Earth in the Solar System	Mon 11/3, Sat 11/8 Mon 11/17, Sat 11/22	Memorial HS	Eric Wilcots <i>Astronomy</i>

For additional information contact Andrea Anderson at (608)663-1978 or [amanderson2@madison.k12.wi.us](mailto:amanderson2@madison.k12.wi.us)

To register complete the companion electronic form available at [www.madison.k12.wi.us/tnl/sci/masters\\_institute\\_form.html](http://www.madison.k12.wi.us/tnl/sci/masters_institute_form.html) and send electronically to Andrea, or via MMSD intra-district mail or US mail to:

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