

# I-STEM Middle Level Mathematics Initiative

Summer 2008 – Tuition Free Course Offerings for Teachers of Middle Level Mathematics

“Algebra and Functions”  
 “Data Analysis and Probability”  
 “Geometry and Measurement”  
 “Number and Operations”

The I-STEM Resource Network is a statewide effort to improve K-12 student achievement in STEM disciplines through collaboration among Indiana’s institutions of higher education, K-12 schools, business, and government. The I-STEM Resource Network is recruiting teachers of middle level mathematics to participate in courses during the summer of 2008. Tuition is provided by the I-STEM Resource Network.

- The summer courses will be offered at seven colleges and universities across Indiana. Contact your regional institution representative for course, times, and details (see below).
- Teachers will earn 3 credit hours for successful completion of the course.
- Teachers may attend the course at one institution and get credit from another institution (e.g., a teacher can attend the class at IUPUI but enroll in and get credit for the class at Ball State University).

Each course will address:

- Mathematical content knowledge, focused on conceptual understanding and applications.
- Instructional strategies aimed at helping students understand mathematics in the middle grades.
- Indiana Academic Standards and NCTM Standards for Mathematics.
- Meaningful and engaging mathematics instruction for all students.

If you would like to learn more about participating in one or more course visit the I-STEM Resource Network website ([www.istemnetwork.org](http://www.istemnetwork.org)) or contact a representative from a participating institution:

<b>Algebra and Functions</b>		
<b>Institution</b>	<b>Contact</b>	<b>Email</b>
IU - Bloomington	Cathy Brown	<a href="mailto:cathbrow@indiana.edu">cathbrow@indiana.edu</a>
IPFW	Betsy Berry	<a href="mailto:berrys@ipfw.edu">berrys@ipfw.edu</a>
IUPUI	Signe Kastberg Jeff Watt	<a href="mailto:skastber@iupui.edu">skastber@iupui.edu</a> <a href="mailto:jwatt@math.iupui.edu">jwatt@math.iupui.edu</a>

<b>Data Analysis and Probability</b>		
<b>Institution</b>	<b>Contact</b>	<b>Email</b>
IU - Bloomington	Cathy Brown	<a href="mailto:cathbrow@indiana.edu">cathbrow@indiana.edu</a>
IUPUI	Signe Kastberg Jeff Watt	<a href="mailto:skastber@iupui.edu">skastber@iupui.edu</a> <a href="mailto:jwatt@math.iupui.edu">jwatt@math.iupui.edu</a>
Purdue University -West Lafayette	Andy Tyminski	<a href="mailto:atyminsk@purdue.edu">atyminsk@purdue.edu</a>
University of Southern Indiana	Kathy Rodgers Doris Mohr	<a href="mailto:krodgers@usi.edu">krodgers@usi.edu</a> <a href="mailto:djmohr@usi.edu">djmohr@usi.edu</a>

<b>Geometry and Measurement</b>		
<b>Institution</b>	<b>Contact</b>	<b>Email</b>
IUPUI	Signe Kastberg Jeff Watt	<a href="mailto:skastber@iupui.edu">skastber@iupui.edu</a> <a href="mailto:jwatt@math.iupui.edu">jwatt@math.iupui.edu</a>

<b>Number and Operations</b>		
<b>Institution</b>	<b>Contact</b>	<b>Email</b>
Ball State University	Fred Jenkins Sheryl Stump	<a href="mailto:ofjenkins@bsu.edu">ofjenkins@bsu.edu</a> <a href="mailto:sstump@bsu.edu">sstump@bsu.edu</a>
Purdue - Calumet (Merrillville)	Diana Underwood	<a href="mailto:diana@calumet.purdue.edu">diana@calumet.purdue.edu</a>