



WISCONSIN
MATHEMATICS
COUNCIL, INC.

Two Great MPES Conferences — Two Great Locations!

October 19 & 20, 2016

9:00 AM-3:00 PM

Stoney Creek Hotel & Conference Center
Onalaska, WI

November 2 & 3, 2016

9:00 AM-3:00 PM

Best Western Premier Waterfront Hotel
Convention Center | Oshkosh, WI

Empowering Your Students through Discourse & Productive Struggle — Mathematical Proficiency for Every Student

The Wisconsin Mathematics Council continues its in-depth journey to support mathematics educators with professional development opportunities designed to ensure the mathematical success of all students. Held in two locations, the **Mathematics Proficiency for Every Student** conference offers a two-day series that focuses on the essential elements outlined by the National Council of Teachers of Mathematics recent publication, *Principles to Actions: Ensuring Mathematical Success of All*. This professional development opportunity will bring together national and state educators to discuss “specific actions that teachers and stakeholders need to take to realize our shared goal of ensuring mathematical success for all.” PK-12 and grade-specific breakout sessions will provide opportunities to focus on topics pertinent to the current needs of Wisconsin’s schools as well as provide teachers the opportunity to work together to construct robust mathematical tasks that can be integrated into their own curriculum. **District teams are encouraged to attend.**

For administrators, curriculum directors, mathematics leaders, classroom teachers, special educators, Title I teachers, GT teachers, higher education faculty and pre-service teachers.



Join national & state educators to discuss detailed action steps that teachers and stakeholders need to take to reach the shared goal of improving the mathematics education of all students. Administrators attend FREE with one school/district paid registration!

Day 1— Talking through Mathematics in the Classroom October 19 (Onalaska) & November 2 (Oshkosh)



Elizabeth Hughes



Nancy Anderson

The day will focus on orchestrating mathematical discourse. By providing students with opportunities to represent, explain, and justify their reasoning, they will develop a deeper understanding of mathematics through communication. The morning keynote address will be led by Dr. Elizabeth Hughes (Onalaska) and Dr. Nancy C. Anderson (Oshkosh).

Grade band breakout sessions will focus on teaching strategies to create a culture of mathematical discourse. Participants will also have an opportunity to create tasks and share ideas for incorporating discourse in their own classroom.

Day 2— Empowering Students through Productive Struggle & Problem Solving October 20 (Onalaska) & November 3 (Oshkosh)



Robert Berry

The day will focus on productive struggle and problem solving. By providing students with opportunities to investigate the mathematical structure of problems and the relationships among mathematical ideas, they will learn mathematics with understanding. The morning keynote address will be led by Dr. Robert Berry (Onalaska and Oshkosh).

Grade band breakout sessions will focus on problem solving tasks that will engage students in productive struggle. Participants will also have an opportunity to create tasks and share ideas for incorporating productive struggle in their own classroom.



Thank you to the Wisconsin Department of Public Instruction for co-sponsoring this conference.

Registration deadline— October 12, 2016 (Onalaska) • October 26, 2016 (Oshkosh)

Nationally Recognized Keynote Speakers



Dr. Elizabeth Hughes is an Associate Professor of mathematics education at the University of Northern Iowa in Cedar Falls, Iowa. She has co-authored articles and presented at conferences and professional development workshops around the country on the issue of productive mathematical discourse. She currently serves as the past-president of the Iowa Association of Mathematics Teacher Educators. Prior to joining the faculty at UNI, Dr. Hughes was a public school mathematics teacher at the middle and secondary levels.



Dr. Nancy C. Anderson is the K-8 Mathematics Coordinator and Grade 8 Mathematics teacher at Milton Academy. Nancy is an experienced classroom teacher, curriculum specialist and professional development leader. She is a frequent speaker at regional and national conferences and a published author in the field of mathematics education. Nancy's publications include *Classroom Discussions in Math* and *Good Questions for Math Teaching Grades 5-8*.



Dr. Robert Berry is an Associate Professor of Mathematics Education at the University of Virginia in the Curry School of Education with an appointment in Curriculum Instruction and the Special Education departments, where he serves as the coordinator of the Elementary Education program. His research focuses on equity issues in mathematics education.

Important Information

Registration Fees/Confirmation:

# of Days	WMC Member	WMC Member Student	Non-Member	Non-Member Student
1 day	\$150	\$15	\$175	\$30
2 days	\$275	\$30	\$325	\$45

Administrators attend FREE with one paid registration. An email confirmation will be sent to you upon completion of your registration.

Daily Schedule: The conferences will run from 9:00 AM to 3:00 PM each day, including a light morning snack and lunch.

Conference Cancellation Policy: Registration fees for WMC conferences include a \$25 non-refundable processing charge. All cancellations and requests for refunds must be received in writing. No registration fees will be refunded for cancellations made less than three days before a program or anytime after the program begins. Refunds will be made only to the party issuing the payment.

Funding Sources: Consider tapping into different funding resources to cover the costs of the conference. Resources such as Titles I and II, ELL, professional development and school improvement budgets, reading budgets, and of course their mathematics department funds are options to help off set the expense of sending teachers.

Bookstore: Attendees will receive a \$10 voucher for the conference bookstore; books and other resources will be available for purchase.

Overnight Accommodations:

Onalaska Location — available at the Stoney Creek Hotel & Conference Center. Call 800.659.2220 to make reservations. Special room rates of \$82/single are available for conference attendees until September 18, 2016; after that date, reservation requests will be made on a space and rate available basis. **Please mention that you are with the Wisconsin Mathematics Council** to receive the special room rate. Please do not make your reservations online; you must call to receive the special conference room rate.

Oshkosh Location — available at the Best Western Premier Waterfront Hotel & Convention Center. Call 855.230.1900 to make reservations. Special room rates of \$82/single are available for conference attendees until October 1, 2016; after that date, reservation requests will be made on a space and rate available basis. **Please mention that you are with the Wisconsin Mathematics Council** to receive the special room rate. Please do not make your reservations online; you must call to receive the special conference room rate.

Empowering Your Students through Discourse & Productive Struggle

Please select conference location/date: **Talking thru Mathematics** Oct. 19, 2016 Nov. 2, 2016
Productive Struggle Oct. 20, 2016 Nov. 3, 2016
Attend both days and save! Oct. 19-20, 2016 Nov. 2-3, 2016

WMC Members - \$150 - 1 day/\$275 - 2 days • Student Members \$15/\$30 • Non-Members - \$175/\$325 • Non-Member Students - \$30/\$45

I am: A WMC Member Not a member An administrator attending with _____

Name: _____

Home address Work address

Address: _____

City: _____ State: _____ Zip: _____

School: _____ E-mail*: _____

Work Phone: _____ Home Phone: _____

Payment: Check PO MC/VISA _____ Exp. _____ Sec. # _____

Please make checks payable to the Wisconsin Mathematics Council.

Total enclosed \$ _____

*Please include your email address so that we can send you a registration confirmation. Return registration with payment to Wisconsin Mathematics Council, Inc., W175 N11117 Stonewood Drive, Suite 204, Germantown, WI 53022. You may also register with a credit card online at <http://wismath.org/MPES>. Questions? Please contact WMC at 262-437-0174 or wmc@wismath.org.