**REGISTRATION DEADLINE: June 9, 2014**

(You will be notified < June 11 whether this workshop has enough participants.)

To register for “**Middle School Mathematics Workshop**”, please complete this form and mail it with the fees to Bluffton University, Office of Adult & Graduate Studies (address below) or call 1-800-488-3257 option 4 or FAX 419-358-3399.

**To register on-line—see bottom of this page.**

(Please feel free to make copies of registration for colleagues.)

Name

 Preferred first name for nametag:

Address (H)

City ST Zip

Telephone (H)

School School e-mail

Yrs teaching experience Home e-mail

Classes/Grade Level

Currently Teaching:

 Check here if you do NOT want your home # or address given to other participants on the roster sheet sent prior to the workshop.

**Payment – Please make checks payable to Bluffton University**

 **(Sorry, we are not accepting payment by credit card.)**

**Cost:** **Regular Registrants**

 **Tuition and all materials ($125 or $150) $**

 **OR Graduate Credit Registrants**

 **1 Hour Graduate Workshop Credit ($275 or $300) $**

 **Plus (if applicable)**

 **Lodging and Food for non-commuters ($76 or $100) $**

**Total Enclosed $**

**NOTE: You need to pay the extra $25 for OCTM Membership only ONCE per summer.**

**NOTE: You may register for full-length workshop only!**

Bluffton University For more information on Seminar content,

Office of Adult and Graduate Studies contact Duane Bollenbacher at

1 University Dr. Box 20 (H) 419/358-7365 (W) 419/358-3296

Bluffton, OH 45817 **bollenbacherd@bluffton.edu**

**mastc@bluffton.edu** **(Carrie Mast) 419-358-3065**

**You may register On-Line at**

[**http://www.bluffton.edu/grad/gpe/workshops/**](http://www.bluffton.edu/grad/gpe/workshops/)

**OR go to Bluffton.edu and follow the links through Academic Life, Degree Programs, and then Graduate Programs (click box just left of center). Following on-line registration, you (or your school) can send in the payment.**

**ATTN: All Teachers of Mathematics**

**Duane Bollenbacher’s 26th Annual Summer Mathematics Workshops**

**At Bluffton University, Bluffton, Ohio*.***

**\*\*Air Conditioned Classroom and Residence Hall\*\***

**“Keeping Current in An Ever-changing World of a**

**Middle School Mathematics Teacher”**

**Tuesday, Wednesday, Thursday – June 17-19, 2014**

**8:30 am - 4:30 pm**

**Instructor: Becky Link, Ft. Recovery Middle School**

**\*\* Note: This is a NEW offering for 2014.**



 **The following credit is available:**

 **1 semester hour graduate workshop credit or 22.5 contact hours for LPDC Credit**

**List of 2014 Summer Mathematics Workshops At Bluffton University**

**Tues - Thurs, June 10-12:**

 ***“HQT Certification for Intervention Specialist in Mathematics Content”***

 **(A Repeat Of Summers 2008—2013) INSTRUCTOR: Duane Bollenbacher, Bluffton Univ.**

 **(If you are an Intervention Specialist, this class, plus one other, will certify you in HQT Math Content)**

**Tues-Thurs, June 17-19:**

 **“K- 2 Activities & Problem-Solving to LEARN and to TEACH GOOD Mathematics”**

 **(This Is A New Offering For 2014) Instructor: Dr. Lesley (McCue) Evans, University of Dayton**

 ***“Best Practices for Rational Numbers: Fractions and Decimals Grades 3 – 5”***

 **(This Is A New Offering For 2014) Instructor: Marilyn Link, Retired, Coldwater, OH**

 ***“Keeping Current in An Ever-changing World of a Middle School Mathematics Teacher”***

 **(This Is A New Offering For 2014) Instructor: Becky Link, MS Teacher, Ft. Recovery, OH**

 ***“Using Problem-Solving Techniques to LEARN and to TEACH Good HS MATHEMATICS*”**

 **(This Is A New Offering For 2014) Instructor: Chris Bolognese, Upper Arlington Schools, OH**

**Tues-Thurs, June 24-26:**

 ***“Proven and Effective Methods for Passing the End-of-Course Exam”***

 **(This Is A New Offering For 2014) Instructor: Duane Bollenbacher, Bluffton University**

**Tues-Thurs, Aug 5-7:**

 ***“Proven and Effective Methods for Passing the End-of-Course Exam”***

 **(This Is A New Offering For 2014; REPEAT from June 24-26, 2014) Duane Bollenbacher**

**Completion of ANY TWO of these workshops may be used by an INTERVENTION SPEC-IALIST to become a HIGHLY QUALIFIED TEACHER (HQT) in mathematics CONTENT.**

***“Keeping Current in An Ever-changing World of a***

***Middle School Mathematics Teacher”***

**Becky Link**

**\*\* Note: This is a NEW offering for 2014.**

**Description**

 **This 3-day workshop is designed for mathematics teachers working with grades 6-8. Most classroom teachers are feeling “a bit” overwhelmed with adjusting to the changes taking place in education. Our three days together will be a time when we can catch up on the latest in regards to assessment, curriculum, evaluations, etc. We will engage in best practices for the classroom, explore new resources available to teach the common core state standards, share some tried-and-true lessons from our personal libraries, and educate ourselves on the new assessments being developed for the 2014-15 school year.**

 **This course, along with one other course, may be used by an INTERVENTION SPECIALIST to become a HIGHLY QUALIFIED TEACHER (HQT) in mathematics CONTENT.**

**Content**

 Common Core State Standards for grades 6, 7 and 8

 Mathematical Practices

 Curriculum resources

 Website explorations

 MARS tasks, Illustrative Mathematics, ORC, NCTM, etc.

 Next Generation Assessments

 PARCC and Smarter Balance, Evidence Tables

 OTES

**Prerequisites**

* **Email Becky at** **linkb@fortrecoveryschools.org** **with any special requests or questions about the workshop content**

**Equipment needed**

* **Come prepared to share a favorite problem, lesson or activity.**
* **If your school has adopted a new series for CCSS, please bring a copy for others to review.**

**Course Expectations**

 Attendance at all sessions

 Participation in all activities

 Sharing teaching ideas that have worked for you

**Sponsored By**

 Bluffton University Mathematics Department

Bluffton University Office of Adult & Graduate Studies

Bluffton University Master of Arts Education Program

Ohio Council of Teachers of Mathematics

 **OCTM Non-**

**Cost** **Member Member**

 Regular Registrants

 Tuition and all materials

 (Includes 3 lunches and materials) $125 $150\*

 Graduate Credit Registrants

 1 Hour of Graduate Workshop Credit

 (Includes 3 lunches and materials) $275 $300\*

 Lodging and food for non-commuters

 2 nights, 2 breakfasts $ 76 $ 76

 3 nights (Inc. prior evening), 3 breakfasts $100 $100

\*The extra $25 will buy you one year of OCTM Membership, needed only ONCE per summer if participating in multiple workshops.

**About Becky Link**

* **Middle School Mathematics teacher since 1988 (please don’t do the math☺)**
* **National Board Certified Teacher in Early Adolescent Mathematics 2002 – 2022**
* **Presidential Awardee for Excellence in Mathematics and Science Teaching – 2009**
* **Ohio Council of Teachers of Mathematics West District Director – 2011 – 2014**
* **PARCC Performance Level Descriptor Writing Team member 2012 – 2013**
* **W.S.U. Area Outstanding Teacher Awardee of Mathematics 2002-2003**
* **Frequent presenter at workshops and in-services**
* **Wishes to share ideas and gain ideas from fellow classroom teachers.**

**Problems to Ponder for the Workshop**

* **Alan was asked to multiply 5 by 2, add 2 to the product, divide the sum by 4, and add 8 to the quotient. Alan used his calculator to perform all the calculations in one step. His incorrect answer was 18.5. What was the right answer? What did Alan do wrong?**
* **Instead of buying packages of 20 batteries for $7.00 to power his video games controllers, Nathan decides to buy 4 rechargeable batteries and a charger for $15.39. How many times does he need to use the rechargeable batteries to make them a better value?**
* **Katrina missed an exam that she had to make up. The class average without her score was 70% and Katrina’s score was 84%. To determine the new class average, what additional information is necessary?**
* **A fair six-sided die is tossed. After it lands, the bottom face cannot be seen. What is the probability that the product of the visible numbers on the five faces is divisible by 12?**

***Bluffton is located 60 miles south of Toledo on I-75.***