**REGISTRATION DEADLINE: June 9, 2014**

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

To register for **“Grades 3-5”,** 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\*\***

 **“Best Practices for Rational Numbers:**

**Fractions and Decimals GRADES 3-5”**

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

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

**INSTRUCTOR: Marilyn Link, Retired**

**\*\* 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 SPECIALIST to become a HIGHLY QUALIFIED TEACHER (HQT) in mathematics CONTENT.**

***“Best Practices for Rational Numbers:***

***Fractions and Decimals GRADES 3-5”***

**Instructor: Marilyn Link**

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

**Prerequisites**

**Desire to improve your Mathematics Teaching in Grades 3-5**

**Desire to find ways for you and your students to have fun**

 **Email Marilyn at** **misnlink@hometowncable.net** **with any requests.**

**Equipment needed**

**Bring your favorite puzzle or problem**

 **Have a notebook or binder to record information**

 **Bring your thinking cap!**

**Bring your 4-function or scientific calculator**

 **Bring any other equipment you think will enhance your experience**

**Course Description**

**This 3-day workshop  *“Best Practices for Rational Numbers: Fractions and Decimals Grades 3 – 5”* is designed for 3rd through 5th grade teachers of mathematics.  The problem-based and discovery approaches will concentrate on FRACTIONS and DECIMALS. There will be much sharing of ideas and interaction among the participants.  There will be time to develop enriching and enjoyable activities that you can take to your classroom in the fall.**

 **This course, along with the June 10-12 HQT Workshop, may be used by an INTERVENTION SPECIALIST to become a HIGHLY QUALIFIED TEACHER**

**(HQT) in mathematics CONTENT.**

**Content**

0.9 of the class will be student centered

 ½ of the class will be fractions

 1/3 of the class will be decimals

0.2 of the class will be the meaning of fractions

1/5 of the class will be operations with fractions

2/7 of the class will be comparing fractions and decimals

1/6 of the class will be decimal operations

0.75 of the class will be fun

0.03 of the class will be boring

0.33… of this class will be solving problems

0.23 of this class will be hands on

3/5 of this class will be sharing ideas with each other.

0.15 of this class will be technology (that is, if YOU provide the technology: so bring all the technology you want to use and share)

1/8 of this class will be sharing the activities you bring with you to the class.

4/7 of this class will be before lunch

0.87 of this class will be work

2/3 of this class will be explaining our thinking

**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 Marilyn Link**

 2004 OCTM “Christofferson-Fawcett Award Winner”

 Presidential Award for Excellence in Mathematics and Science

 Teaching – 1996

 Junior High Mathematics Teacher – 26 years

 High School Mathematics Teacher – 4 years

 Instructor of Elementary Mathematics Methods – 3 years

 Frequent presenter at workshops and in-services

 Wishes to share ideas with fellow classroom teachers

**Duane’s note: Marilyn has taught at Duane’s Summer Workshops since 1999**

**Problem to Ponder for the Workshop**

 **In the list of topics I have attached a rational number to each item. Take some time to look at the rational numbers and put them in order smallest to largest. Take note of your thought process and be able to explain your thinking. Be ready to share your thoughts.**

**Course Expectations**

 **Attendance at all sessions**

 **Participation in all activities**

 **Share classroom hints**

 **Completion of an activity on teaching Grades 3-5 mathematics during the workshop sessions**

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