



DEFINING LEADERSHIP IN THE ERA OF TURNAROUND SCHOOLS

# Reshaping School Mathematics for the 21st Century

Presenters: Cathy Seeley, Ph.D., and Lesa Covington-Clarkson, Ph.D.

**January 20th, 8:30 A.M. - 2 P.M.**

Continuing Education Conference Center | University of Minnesota, St. Paul

“How can a state, community, or school reach its full potential? It must begin by taking a hard look at reality. When a school’s or district’s mathematics performance differs significantly from group to group, the system has a problem not with an underachieving group but with its mathematics program”  
-Cathy Seeley (*Faster Isn’t Smarter*, 2009).



This ULA workshop will feature two presentations on math education, school leadership and educational equity.

### **Giving all Students the Math Tools They Need for Success for the 21st Century**

Participants will: (a) learn the changing context for graduating high school students today and tomorrow, (b) discuss students' needs in terms of mathematical knowledge and skills for this changing and challenging context, (c) explore the nature of mathematics and mathematics teaching necessary to prepare students for their future, (d) identify actions they will take to advance students' learning of mathematics in their schools

**Cathy Seeley** has worked for over 35 years in PK-12 education as a mathematics teacher, district mathematics coordinator, and state mathematics supervisor. From 1999 through 2001, she taught mathematics as a Peace Corps volunteer in Burkina Faso. Dr. Seeley is Past President of the National Council of Teachers of Mathematics and author of the 2009 book *Faster Isn’t Smarter—Messages About Math, Teaching, and Learning in the 21st Century*. She is currently a senior fellow with the Charles A. Dana Center at the University of Texas.

### **Mathematics in Urban Settings**

Urban classrooms are challenged with reaching students with different skill sets and ensuring that each student is successful in eighth grade algebra. Participants will learn: (a) a sense of urgency and magnitude of the problem with underachievement in mathematics, (b) a better understanding of the eighth grade algebra requirement in Minnesota and what it will take for all students to be successful.



**Lesla Covington-Clarkson** is an Assistant Professor in Math Education at the University of Minnesota. Her research examines best practices that will provide all students with engaging mathematics experiences in addition to the basic “tools” that are essential for students to use in the actual engagement phase.

**REGISTER ONLINE:** <http://cehd.umn.edu/PPG/ULA>. **Registration deadline: January 13, 2011.**

# Urban Leadership Academy Workshop Registration Form

Name \_\_\_\_\_ Job Title \_\_\_\_\_

School/Organization \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip Code \_\_\_\_\_ Email \_\_\_\_\_

Telephone \_\_\_\_\_ School district (if applicable) \_\_\_\_\_

**Workshops run from 8:30 A.M. - 2 P.M. and include a light breakfast and lunch.**

Workshop Attendance	
<input type="radio"/>	<p><b>Reshaping School Mathematics for the 21st Century</b>            January 20, 2011            Cathy Seeley, Ph.D., senior fellow Charles A. Dana Center for Mathematics and Science Education, University of Texas Austin and Lesa Covington Clarkson, Ph.D. University of Minnesota</p>
<input type="radio"/>	<p><b>School Culture, Creating the Climate for Change</b>            April 13, 2011            Anthony Muhammad, Ph.D., director, New Frontier 21 Consulting and author of <i>Transforming School Culture: How to Over Come Staff Division</i> (2009)</p>

**LOCATION:** Continuing Education and Conference Center, University of Minnesota St. Paul Campus, 1890 Buford Avenue, St. Paul, MN. For direction online, visit: <http://cce.umn.edu/Continuing-Education-and-Conference-Center/>

**CEUs:** Continuing professional education clock hours for administrators and teachers are available for participants.

**FEES:** There is no registration fee for staff from ULA member school districts, all others pay \$150 per workshop. ULA member school districts include: Minneapolis, Mounds View, North Saint Paul-Maplewood-Oakdale, Osseo Area Schools, South Washington County Schools, and Spring Lake Park. Requests for refunds must be made at least one week prior to the workshop date, otherwise fees will be forfeited.

**REGISTER ONLINE/MAIL/FAX: Registration deadline: January 13, 2011.**

ONLINE REGISTRATION: <http://cehd.umn.edu/PPG/ULA>

FAX: 612-626-6765

MAILING ADDRESS: U of MN, CEHD/PPG, 275 Peik Hall, 159 Pillsbury Dr. SE, Minneapolis, MN 55455.

Please make checks out to the 'University of Minnesota'.

**INFORMATION:** 612-625-5060, [ula@umn.edu](mailto:ula@umn.edu), <http://cehd.umn.edu/PPG/>