

## **DR. LANETTE R. WADDELL**

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Teaching, Learning, and Technology Program

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### **EDUCATION**

#### **University of Pennsylvania**

Philadelphia, PA

M.S. Educational Leadership, 2003

Ph.D. Teaching, Learning, and Curriculum, 2007

Focus: mathematics education

#### **Pennsylvania State University**

University Park, PA

B.S. Science, 1987

#### **Certifications**

elementary education k- 8

mathematics 7-12

principal k-12

### **PROFESSIONAL EXPERIENCE**

#### **Professor of Practice**

Lehigh University

Bethlehem, PA

2007 - current

- Create and teach methods, seminar, and theoretical courses in the Teaching, Learning and Technology program in the College of Education
- Supervise student teacher interns, work with student teacher mentors in support of the interns, evaluate student interns
- Facilitated the Lehigh University – Farmersville Elementary School Integrated Professional Development School partnership, provide in-class support to teachers, schedule placement of student visitors, develop reciprocal visits among teachers and faculty

### **Mathematics Leadership Professional Developer/Consultant**

21 PSTEM, Inc. (formerly the Math and Science Partnership of Greater Philadelphia)  
Conshohocken, PA

2006 - present

- Provide on-going, in-school professional development support for an urban school district, math teachers gr. 5-12.
- Develop and present workshops to expand and support the mathematics leadership development of school administrators and teachers
- Present workshops, "Developing Mathematical Ideas", to in-service teachers. The course goals are to enhance the conceptual understanding of mathematics topics and consider student thinking in relation to teaching decisions
- Support participants growth in supervision, team building, student support, and personal reflection in math content and pedagogy

### **Elementary Mathematics Coach**

Cherry Hill School District, Cherry Hill, NJ

2004 - 2007

- expanded the professional development capacity of the district by working with k-5 teachers to support the development of their mathematics teaching practices
- worked on district team to create, implement, and facilitate new math curriculum through philosophy development, teacher training, materials management and program evaluation

### **Mathematics Institute Co-developer, presenter and academic coach**

Lawrence Township School District, Lawrenceville, NJ

2003-2004

- Developer, Mathematics Achievement Center at Eggerts Crossing Village, pre K - 4 designed to improve achievement
- Summer academic mathematics coach for grade K - 6 African-American students
- Co-developed curriculum and materials for institute based on six principles of the 2000 NCTM Standards

### **Elementary and Middle School Mathematics Teacher**

South Brunswick School District, Monmouth Junction, NJ

1991-2002

- Taught grade 4 - 8, mathematics; high school cross country and track coach

### **Elementary and Middle School Teacher**

New Brunswick School District, New Brunswick, NJ

1989-1991

- Taught grades 4, 7

## **Computer Help Desk Analyst**

Dow Jones and Company, Inc., Monmouth Junction, NJ  
1986-1989

### **TEACHING**

- TLT 312 Classroom Practice
- TLT 314 Seminar in Elementary and Secondary Education
- TLT 408 Development, Classroom Management, and Assessment
- TLT 410 The Writing Process
- TLT 422 Language Arts in Elementary Education
- TLT 424 Children's Literature: K-8
- TLT 438 Special Topics in Education: Virtual and Physical tools in the K-8 mathematics classroom
- TLT 442 Intern Teaching Supervision
- TLT 444 Intern Teaching Seminar

### **PRESENTATIONS**

- Institute for the Study of African American Children: Conference on Research Directions. "How Do We Learn: African American students learning reform mathematics". Hilton Head SC. 2009.
- National Staff Development Council. "Math Coach Moves: Infusing Continuous Professional Development". Washington, DC. December 2008.
- Pennsylvania Council of Teachers of Mathematics Conference. "The Mathematics Workshop". Split Rock, Lake Harmony, PA. 2008.
- Colonial IU Secondary Mathematics Conference. "The Mathematics Workshop" and "Exploring the Depths: Numbers and Operations in the Middle School". Bethlehem, Pa. 2008.
- Society for Information Technology and Teacher Education Conference. "Necessity or Novelty: Using an interactive whiteboard to support teacher learning of mathematical discourse and computational competence". Las Vegas, Nevada. 2008.
- Pennsylvania Council of Teachers of Mathematics Conference. "Math Coaches: Supporting teachers, supporting learners". Valley Forge, PA. 2007.
- Tredyffrin/Easttown School District. "The Mathematics Workshop: Mathematics instructional practices that support all learners". Devon, PA. 2006-2008.
- Minority Student Achievement Network conference. "Math Coaches: Supporting teachers in the support of all learners". Philadelphia, PA. 2006.
- National Council of Teachers of Mathematics conference. "How Do We Learn? Patterns of mathematical interactions in elementary urban African

American students". St. Louis, MO. 2006.

- Cherry Hill School District. "Developing Mathematical Ideas". Cherry Hill, NJ. 2005-2006.
- American Educational Research Association conference. "Opportunities to Learn Mathematics in Elementary Urban Classrooms", Montreal, Canada. 2005.
- Emerging Scholars in Urban Education conference. "Opportunities to Learn Mathematics in Elementary Urban Classrooms". New York, NY. 2004.
- National Council of Teachers of Mathematics conference. "Elementary Mathematics in Urban Schools". Philadelphia, PA. 2004
- National Teachers Training Institute. "Amusing Forces". New York, NY. 2000.
- New Jersey Math Coalition. "Standards based mathematics teaching grade 5-8". New Brunswick, NJ. 1996 – 2000.

### **PROFESSIONAL ACHIEVEMENTS, GRANTS, AND AWARDS**

- Invited participant, Association for Educational Communication and Technology Early Career Symposium, University of Georgia, Orlando, FL, 2008.
- Grant for SMART Board study, entitled "Using an interactive whiteboard to support mathematical discourse and computational competence", SMARTer Kids Foundation. 2007.
- Doctoral Research Fellowship recipient, University of Pennsylvania. 2002-2005.
- Nominee, Disney's American Teacher Award. 2001.
- New Jersey State finalist, Presidential Award for Excellence in Math and Science Teaching. 2000.
- Master teacher, National Teachers Training Institute, WNET Channel Thirteen, New York City. 1999.
- Featured teacher, New Jersey FANS parent training video. 1997.
- NCTM math standards workshop developer and presenter, New Jersey Math Coalition, Rutgers University. 1996 – 2002.
- New Jersey Alternate Route Minority Scholarship recipient. 1989.

### **SERVICE AND ADVISING**

- Lehigh University, IPDS committee member. Current.
- Lehigh University, student advising: 4 undergraduates, 6 graduate students.
- National Staff Development Council, member. Current
- National Council of Teachers of Mathematics, member. Current.
- National Middle School Association, member. Current.
- Institute for the Study of the African American Child, member. Current.
- Psychology of Mathematics Education, North America, member. Current.

## References

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Eight Tower Building  
161 Washington Street, Suite 920  
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