

**Laurie Sealy**  
(Laura L Sealy)

### **Education and Certifications**

- **Masters of Arts in Education- Curriculum Teaching and Learning**  
Sonoma State University, Rohnert Park, CA
- **California Multiple-Subject Professional Teaching Credential**  
and **Michigan Professional Education Certificate**
- **Certificate in Educational Management and Administration**, University of the  
West Indies, Cave Hill, Barbados
- **Bachelor of Arts** (Honors), California State University, Sacramento, CA

**Summary of Qualifications:** Experience as an instructional leader, a professional development presenter focusing on improving instruction- in ten countries, an author of a culturally appropriate textbook series in mathematics published by Macmillan Education, an author of teacher books in mathematics and language arts, a consultant working with several dozen schools to assist them in improving instruction for diverse groups of students, and experience as an adjunct education instructor for Sonoma State University and CSU East Bay (online)

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#### **Adjunct Instructor, CSU East Bay, Continuing Education Spring 2014**

Co-Instructor for EDLD 6410, Supervision and Professional Development, a four-unit engaging all online course which we developed using new textbooks, videos from three different sources, collaborative group activities, and 'real world' challenges which allow students to put their new skills and knowledge into practice. This course supports students as they develop their understanding of the concept of instructional supervision and its relationship to teachers' professional growth. The course focuses on site-based approaches to strengthening teaching and learning, with an emphasis on various forms of leadership as well as multiple approaches to teacher development. Particular attention is given to the school as an environment for professional learning and the conditions under which such an environment is created and sustained. Major aims of this course are to support students in achieving a coherent view of supervision based on their own professional values and to deepen students' understanding of professional development and their capacity to facilitate the growth of individuals and groups. Additionally, co-taught EDLD6027 and EDLD6201, supporting students as they build their inquiry skills, and guiding them in reflections on leadership.

**Professional Development Facilitator for Teachers of Mathematics, 2005 to present**, working with the Ministries of Education in a number of Caribbean countries, conducted Professional Development Workshops focusing on how to develop interactive, collaborative Mathematics instruction to teachers, Math Coordinators and Principals in the countries of Barbados, Grenada, St. Lucia, Dominica, Antigua, St Vincent, St Kitts, Jamaica, Trinidad and Belize. In several islands, Mathematics Workshops were facilitated in more than one year and in multiple venues, reaching

several hundred teachers. All Workshops helped teachers assess their own teaching practices, addressed common challenges, gave techniques for developing reasoning and problem-solving skills, suggested activities to engage all students, gave examples of ways to include computer and other technology, encouraged teacher reflection and self-evaluation, and provided research support to encourage teachers to step forward and break the traditional emphasis on computation, moving instead to real-world based mathematics instruction and learning.

**Associate Inspector (accreditation), United Arab Emirates. 2012-present**

Working for the Dubai and Abu Dhabi Ministries of Education, serve on or lead international teams which are visiting schools with very diverse populations of international students, to observe and evaluate instruction, management and curriculum; interview teachers, educational leaders, parents and students; and analyze assessment data to develop recommendations to assist schools in improving their instructional programs. Observed over 400 classrooms at over thirty schools. Gave teachers and school leaders positive feedback and encouraging, collaborative comments, with next step suggestions to help them enhance student progress.

**University Lecturer, Sonoma State University Adjunct Faculty 2005.**

Taught Mathematics Methods for potential teachers in the Teacher Training Credential program, including both the content and the pedagogy based on current Mathematics Teaching best practices. Evaluated, assessed and inspected the work of the Student teachers, checking their understanding of concept development and age level curriculum, inspecting their evidence of their students' progress, judging their assessment of student learning, and guiding them towards improved teaching practices

Sonoma State University Adjunct Faculty: 2006, 2008, 2010

**EXCEL Teacher-** Instructor for three summers for an enrichment program for children: PreMed for Kids, a class which focuses on careers in health care and human anatomy. Students are challenged during a week-long workshop to think about how learning all of the academic subjects in 4-8<sup>th</sup> grade can help them prepare for their studies in high school and at the university level, as they explore career possibilities.

**Middle School Teacher, Rohnert Park, California, USA, 2005 - 2006**

Teacher of 7<sup>th</sup> grade Mathematics and 6<sup>th</sup> grade Language Arts, Creekside Middle School. Used a variety of instructional methods to create engaging lessons and activities so that all learners were able to make good progress as they learned about mathematics, reading and language.

**Reading / Summer Academy Teacher-** Sonoma State University Field-based Clinic, Santa Rosa, CA, 2004 Taught a Reading and Writing Workshop model in a field setting to 1<sup>st</sup> Grade students who were learning English as an additional language, within a school-based clinic setting.

**Reading / Summer Academy Teacher Leader** – Santa Rosa, CA, 2005 Supervised and mentored potential Teachers of Reading in a field-based Clinic, observing, assessing and evaluating their progress against a pre-set rubric, inspecting student work and teacher evaluations of that work, and suggesting next steps to teachers, as they worked with upper Elementary students using a Reading and Writing Workshop approach.

**Administrative Head of Junior School (Upper Elementary)**, St. Winifred's School, Barbados. For over ten years supervised teachers in the elementary school, served on School Administrative Teams to plan and nurture the integration of technology, and for problem resolution. Initiated changes to traditional systems of summative assessments, helped train teachers and educate parents in formative and process-oriented assessment practices, initiated and promoted project-based learning for all levels of the Junior School, assisted in the development of curriculum-mapping for planning and reporting, made observations and informal teacher assessments towards improved student learning. Involved teachers and students in projects to enrich learning and build community.

**Elementary School Teacher, Barbados**, St. Winifred's School, Pine Hill, St. Michael For twenty-one years, taught a diverse student body all subjects in an elementary school classroom, helping each child recognize existing strengths and build greater capabilities, addressing a broad curriculum of core and extracurricular subjects. Successfully prepared several hundred students from very diverse backgrounds for success in school and to successfully complete the high stakes Barbados National Secondary School Entrance Exam.

#### **Textbook Series Author, Education**

**Mathematics –**

**Author, Revised 2<sup>nd</sup> Edition “*Bright Sparks – Caribbean Primary Mathematics*” (2013) Macmillan Education (Macmillan Caribbean): Publisher, 2010-2013**

Developed a merged, pan-Caribbean curriculum from the separate regional syllabuses, redesigned and updated the original Bright Sparks Mathematics series, with additional new books (two K level, and both a Student Book and Workbook for each year Grades 1-6). The extensive problem-solving scenarios set within Caribbean culture and student-centered approach were enhanced through adding new content for each year group, making the format streamlined, consistent and easier for students to use, adding more key learning features throughout the series and providing useful CD-ROMs with multiple interactive activities for each year group. The texts were enhanced with additional opportunities for student self-assessment, tests and activities using different assessment styles, more Challenges, Hints and Remember features to stimulate student thinking, opportunities for team and partner activities, and projects to enhance student learning. <http://www.macmillan->

[caribbean.com/pages.aspx/educationalbooks/primary/mathematics/bright\\_sparks\\_new\\_edition/](http://caribbean.com/pages.aspx/educationalbooks/primary/mathematics/bright_sparks_new_edition/)

**Lead Author, 1st Edition ‘ “Bright Sparks – Caribbean Primary Mathematics” (2004) Macmillan Education (Macmillan Caribbean): Publisher** Created with a co-author an innovative, vastly different series of mathematics textbooks to specifically fit the academic and cultural needs of Caribbean students.

**Author, Teacher’s Books in Mathematics (Spring 2014) – Macmillan Education (Macmillan Caribbean): Publisher, 2012-2013** Wrote five of the seven Teacher Books to accompany the Revised 2<sup>nd</sup> Edition of Bright Sparks, Macmillan Caribbean, incorporating current Mathematics Education research, highlighting key Mathematics ‘big ideas’, suggesting realistic activities to teachers based on the practical circumstances of rural and urban schools throughout the Caribbean region, addressing the weak content knowledge evidenced in regional examination results, bolstering teachers’ limited pedagogical knowledge and providing ideas to answer the challenges raised by teachers at the numerous mathematics workshops held in different parts of the region.

**Author, Bright Sparks Mathematics, Standard VI / Grade 7 -Macmillan Education: Publisher, 2008** By request, created a textbook specifically for Belize Standard 6 Mathematics, designed to bridge the transition between the Primary and Secondary School Mathematics curricula, and also meet the needs of students leaving school without the advantage of attending Secondary School.

**Language Arts –**

**Author, Teachers guides for Language Arts series- Macmillan Education: Publisher 2007** Wrote three teachers’ guides for the series ‘Language Tree’ launched in Caribbean schools in 2008, incorporating language arts pedagogy, English-learning concepts and teaching tips, with practical lessons based on realistic Caribbean school environments.

**Teacher Resource website, Series Editor- Macmillan Education: Publisher 2009-2010**

Created templates for four core subjects, Science, Social Studies, English and Mathematics, to provide free online resources to teachers; coordinated the work of authors, wrote the mathematics components and finalized the overall presentation of teacher resource materials for the Macmillan Caribbean Teacher Resource website <http://www.macmillan-caribbean.com/home/resources.aspx?id=48>

## **Volunteer and Community service**

Trainer for adults and youth in a junior youth empowerment program, Sonoma County.

Habitat for Humanity, home-building volunteer

United Way volunteer

## **Awards**

- Sonoma State University Scholarship Award for Excellence
- Commendation from Ambassador of the UK for organizing school-wide project to promote the arts, diversity and cultural understanding, Barbados
- Environmental Award, Shell Antilles, for student projects with recycled materials
- Phi Kappa Phi Honor Society

## **References**