

## Brian R. Lawler

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### Education

*August 2000 to August 2008: The University of Georgia*

Ph.D. Mathematics Education: Leslie P. Steffe, Ph.D., Doctoral Committee Chair.  
Interdisciplinary Qualitative Studies Certificate; Judith Preissle, Ph.D., advisor.

*August 2001 to August 2006: The University of Georgia*

M.A. Mathematics: Sybilla Beckmann, Ph.D., Master's Committee Chair.

*January 1998 to May 1999: California State University – Dominguez Hills*

M.A. Education, emphasis on Curriculum and Instruction: Leena S. Furtado, Ph.D., advisor.

*September 1989 to December 1992: Colorado State University*

B.S. Mathematics, Magna Cum Laude: Duane Clow, Ph.D., advisor.  
Colorado Teacher Certificate.

### Employment

#### **Academic Appointments**

*August 2018 to present: Kennesaw State University*

Associate Professor, Mathematics Education

*August 2016 to August 2018: Kennesaw State University*

Assistant Professor, Mathematics Education

*August 2013 to August 2016: California State University San Marcos*

Associate Professor, Mathematics Education

*August 2007 to August 2013: California State University San Marcos*

Assistant Professor, Mathematics Education

*August 2001 to May 2005: University of Georgia*

Graduate Teaching Assistant, Department of Mathematics, Department of Mathematics Education

*August 2000 to May 2005: University of Georgia*

Graduate Research Assistant, Department of Mathematics Education

#### **Teaching – Grades 9–12**

*August 2006 to December 2006: Clarke Central High School, Athens, GA*

Taught two advanced algebra and trigonometry, and one remedial mathematics course for repeating students, guided tightly by state mandated curriculum yet building from student's ways of knowing.

*August 2003 to May 2004: Cedar Shoals High School, Athens, GA*

Taught two remedial mathematics courses for ninth-grade students. Created curriculum with students in preparation for success in Algebra, as their ways of knowing developed and directed.

*August 1997 to May 2000: California Academy of Mathematics and Science, Long Beach, CA*

Refined a student-centered learning environment in classrooms marked by socio-economic, ethnic, and aptitude diversity. Acted as Mathematics Department Chair. Served as a technology specialist focused on moving technology into the hands of students.

*August 1993 to June 1997: Eaglecrest High School, Aurora, CO*

Developed a student-centered classroom that delivered a mathematics education to all students consistent with the NCTM Standards. Served as a technology specialist focused on moving

technology into the classroom and into the hands of students. Rejuvenated the swimming teams as Head Boy's and Assistant Girl's Swimming Coach.

### ***Educational Consultant***

*1997 to present: Consultant, Secondary Mathematics Curriculum and Instruction*

Designed and taught workshops and long-term support structures in order to build school or district capacity for successful implementation of researched-best teaching practices, specifically in varied locations such as Denver, CO; Plainfield, NJ; Birmingham, AL; Chicago, IL; Bellevue, WA; Dover, DE; and Escondido, CA. Worked independently as well as for the Teacher's Development Group, Portland, OR.

*June 2002 to August 2007: Interactive Mathematics Program Revision, NSF Grant #0137805*

Served on the Advisory Board to the IMP curriculum revision. Also transitioned from working on focus group activities with technology and professional development to working as a special consultant in the development of an overall implementation of professional development associated with the IMP curriculum, including the development of teacher resource materials and a professional development curriculum.

*1997 to 2012: Curriculum Development, Key Curriculum Press.*

Wrote, classroom-tested, evaluated, and commented on various secondary mathematics curriculum for Key Curriculum Press. Completed correlations of high school mathematics curriculum to multiple state and national standards. Served as editorial assistant and advisor to publication of a reform curriculum and associated reconstruction of an associated teacher's edition / curriculum.

*1995 to 2005: Interactive Mathematics Project – Rocky Mountain Region.*

Contracted to facilitate workshops for teachers of the IMP curriculum. Instructed workshops on alternative assessment, portfolio assessment, problem-based curriculum, and student-centered classroom primarily in CO, but contracted also with AL, GA, IL, KS, NJ, and NM.

## **Scholarship**

### ***Refereed Publications***

#### **Journal Articles**

- White, D.Y., & Lawler, B.R. (in preparation). Preservice teacher capacity to notice students' mathematical strengths. *Journal of Mathematics Teacher Education*.
- Lawler, B.R., & White, D.Y. (in preparation). Teaching preservice teachers to notice students' mathematical strengths. *Mathematics Teacher Educator*.
- Lawler, B.R. (in preparation). Mathematics as simulacra: What Baudrillard might imply for a socially just mathematics education. *For the Learning of Mathematics*.
- Lawler, B.R. (in preparation). Mathematics OF all: Sketching an anarchistic mathematics education. *The Mathematics Enthusiast*.
- Lawler, B.R. (2016). To rectify the moral turpitude of mathematics education. *Journal of Urban Mathematics Education*, 9(2), pp. 11–28.
- Lopez, C.A., Rocha, J., Chapman, M., Rocha, K., Wallace, S., Baum, S., Lawler, B.R., & Mothé, B.R. (2016). Strengthening STEM education through community partnerships. *Science Education & Civic Engagement*, 8(2), 20–33.
- Lawler, B.R. (2014). Forging a constructivist pedagogy: Focus on teacher decision-making. *Constructivist Foundations*, 9(3), 412–415.
- Lawler, B.R. (2011). What if mathematics could no longer be trusted? A review of "In Doubt—About Language, Mathematics, Knowledge and Life-worlds" [by Ole Skovmose]. *Journal of Urban Mathematics Education*, 4(1), 120–129.
- Lawler, B.R. (2005). Persistent iniquities: A twenty-year perspective on "Race, Sex, Socioeconomic Status, and Mathematics." *The Mathematics Educator, Monograph No. 1*, 29–46.

#### **Book Chapters**

- Males, L., Sears, R., Lawler, B.R., Kress, N., Males, J., McNamara, J., Safi, F., & Stone, J. (2019). Equity and justice issues in the preparation of secondary mathematics teachers. In W. G. Martin, B. R. Lawler, A. Lischka, & W. Smith (Eds.), *The power of a networked improvement community to transform secondary mathematics teacher preparation*. Charlotte, NC: Information Age. [contribution: Males 45%, Sears 15%, Lawler 15%, Kress 5%, Males 5%, McNamara 5%, Safi 5%, Stone 5%]
- Lawler, B.R. (2017). Learning to support student discourse in an urban high school district. In R. Hunter, M. Civil, B. Herbel-Eisenmann, N. Planas, & D. Wagner (Eds.), *Mathematical discourse that breaks barriers and creates space for marginalized learners* (pp. 121–146). Dordrecht: Sense Publishers.
- Lawler, B.R., Larochele, R., & Thompson, A. (2017). Enhancing activities to achieve sociopolitical goals. In S. Kastenber, A. Tyminkski, A. Lischka, & W. Sanchez (Eds.) *Building Support for Scholarly Practices in Mathematics Methods* (pp. 199–214). Charlotte, NC: Information Age. [contribution: Lawler 50%, Larochele 25%, Thompson 25%]
- McCloskey, A., Lawler, B.R., & Chao, T. (2017). The “mirror test”: A tool for reflecting on our sociopolitical identities as mathematics teacher educators. In S. Kastenber, A. Tyminkski, A. Lischka, & W. Sanchez (Eds.) *Building Support for Scholarly Practices in Mathematics Methods* (pp. 325–340). Charlotte, NC: Information Age. [contribution: McClosky 40%, Lawler 35%, Chao 25%]
- Lawler, B.R. (2016). Teaching privilege about equity. In D.Y. White, S. Crespo, & M. Civil (Eds.) *Cases for mathematics teacher educators: Facilitating conversations about inequities in mathematics classrooms* (pp. 353–358). Charlotte, NC: Information Age Publishing.
- Lawler, B.R. (2012). The fabrication of knowledge in mathematics education: A postmodern ethic toward social justice. In A. Cotton (Ed.) *Towards an education for social justice: Ethics applied to education*. London: Peter Lang Publishers.

### Conference Proceedings

- Weiland, T., & Lawler, B.R. (2019, Jun.). A dialogue on the liaising structure of the equity and social justice working group. *Proceedings of the eighth Annual Mathematics Teacher Education Partnership conference*, St. Louis, MO.
- Lawler, B.R. (2019). Mathematics, education, and anarchism. In J. Subramanian (Ed.), *Proceedings of the Tenth International Mathematics Education and Society Conference* (pp. 227–230), Hyderabad, India.
- MathEdCollective. (2019). The MathEdCollective: Collaborative action in an era of cyberbullying and hate. In J. Subramanian (Ed.), *Proceedings of the Tenth International Mathematics Education and Society Conference* (pp. 595–604), Hyderabad, India. [equal contribution: Theodore Chao, Rochelle Gutiérrez, Beth Herbel-Eisenmann, Signe Kastberg, Kari Kokka, Brian R. Lawler, Nicole Louie, Anne Marie Marshall, Andrea McCloskey, & Laurie Rubel]
- Lawler, B.R. (2018). One district’s systemic approach to detrack high school mathematics. In T.E. Hodges, G.J. Roy, & A.M. Tyminski (Eds.), *Proceedings of the Fortieth Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 394–397). Greenville, SC: University of South Carolina & Clemson University.
- Lawler, B.R., & Albritton, K. (2018). Report of the equity and social justice working group. In W. Smith, B.R. Lawler, J.F. Strayer, & L. Augustyn (Eds.), *Proceedings of the seventh annual Mathematics Teacher Education Partnership conference* (pp. 44–52). Washington, DC: Association of Public and Land-grant Universities. [contribution: Lawler 90%, Albritton 10%]
- Lawler, B.R., & Groetzinger, E.C. (2017). Mathematical autobiography as window into sociopolitical mathematics teacher identity. In W. Smith, B.R. Lawler, & J. Bowers (Eds.), *Proceedings of the sixth annual Mathematics Teacher Education Partnership conference* (pp. 88–95). Washington, DC: Association of Public and Land-grant Universities. [contribution: Lawler 60%, Groetzinger 40%]
- Lawler, B.R. & Uy, F. (2017). Report of the equity and social justice working group. In W. Smith, B.R. Lawler, & J. Bowers (Eds.), *Proceedings of the sixth annual Mathematics Teacher Education Partnership conference*. (pp. 69–76). Washington, DC: Association of Public and Land-grant Universities. [contribution: Lawler 90%, Uy 10%]
- Groetzinger, E.C., & Lawler, B.R. (2017). Sociopolitical mathematics teacher identity: Mathography as window. In A. Chronaki (Ed.), *Proceedings of the ninth International Mathematics Education and*

- Society Conference* (pp. 222–226). Volos, Greece: University of Thessaly Press. [contribution: Groetzinger 50%, Lawler 50%]
- Lawler, B.R. & Strutchens, M. (2016). Pre-session on equity and social justice. In B.R. Lawler, R.N. Ronau, & M.J. Mohr-Schroeder (Eds.), *Proceedings of the fifth annual Mathematics Teacher Education Partnership Conference* (pp. 25–29). Washington, DC: Association of Public Land-grant Universities. [contribution: Lawler 90%, Strutchens 10%]
- Lawler, B.R. (2014). Extracting a decision-making framework from constructivist teaching. *Proceedings of the Joint Meeting of PME 38 and PME-NA 36, Vol. 6* (p. 142). Vancouver, Canada.
- Lawler, B.R. (2012). Mathematics as simulacra: Implications for research in mathematics education. *Proceedings of the eighth International Congress for Qualitative Inquiry*. Champaign-Urbana, Illinois.
- Lawler, B.R. (2011). Mathematics as simulacra: Implications for a critical mathematics education. *Proceedings of the Mathematics Education and Contemporary Theory Conference*, Manchester, England. [available online]
- Stall, P., Elsbree, A., & Lawler, B.R. (2011). Curricular modules to develop dispositions in pre-service teachers. *Proceedings of the Fifty-Fifth Annual International Council on Education for Teaching World Assembly*, Glasgow, Scotland. [contribution: Stall 40%, Elsbree 30%, Lawler 30%]
- Lawler, B.R. (2010, May). *The generative adolescent mathematical learner*. Annual Meeting of the American Education Research Association, Denver, CO.
- Elsbree, A.R., Lawler, B.R., & Stall, P. (2010, May). *Learning modules to develop dispositions in pre-service teachers*. Annual Meeting of the American Education Research Association, Denver, CO. [contribution: Stall 40%, Elsbree 30%, Lawler 30%]
- Lawler, B.R. (2010). Fabrication of knowledge: A framework for mathematical education for social justice. In U. Gellert, E. Jablonka & C. Morgan (Eds.), *Proceedings of the Sixth International Mathematics Education and Society Conference*, Berlin, Germany.
- Lawler, B.R., & Hackenberg, A.J. (2002). Exploring the roots of equity in teacher education. In D.S. Mewborn, P. Sztajn, D.Y. White, H.G. Wiegel, R.L. Bryant, & K. Nooney (Eds.), *Proceedings of the Twenty-Third Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 155–156), Columbus, OH: ERIC Clearinghouse for Science, Mathematics, and Environmental Education. [contribution: Lawler 50%, Hackenberg 50%]
- Hackenberg, A.J., & Lawler, B.R. (2002). An ethics of liberation emerging from a radical constructivist foundation. In O. Skovsmose & P. Valero (Eds.), *Proceedings of the third international Mathematics Education and Society Conference* (pp. 301–311), Helsingør, Denmark: Centre for Research in Learning Mathematics. [contribution: Hackenberg 50%, Lawler 50%]

### **Non-Refereed Publications**

#### **Books**

- Berry, R. Q., Conway, B., Lawler, B. R., & Staley, J. (2020). *High School Mathematics Lessons to Explore, Understand, and Respond to Social Injustice*. Thousand Oaks, CA: Corwin. [contribution: Berry 2%, Conway 33%, Lawler 32%, Staley 33%]
- Martin, W. G., Lawler, B. R., Lischka, A. & Smith, W. (Eds.) (2019). *The power of a networked improvement community to transform secondary mathematics teacher preparation*. Charlotte, NC: Information Age. [contribution: Martin 25%, Lawler 25%, Lischka 25%, Smith 25%]
- Fendel, D., Resek, D., Alper, L., & Fraser, S. (2013). *Meaningful mathematics: Algebra 1*. It's About Time: Mount Kisco, NY. [contribution 5%; listed as contributing author; student & teacher eds.]
- Fendel, D., Resek, D., Alper, L., & Fraser, S. (2013). *Meaningful mathematics: Algebra 2*. It's About Time: Mount Kisco, NY. [contribution 5%; listed as contributing author; student & teacher eds.]
- Fendel, D., Resek, D., Alper, L., & Fraser, S. (2013). *Meaningful mathematics: Geometry*. It's About Time: Mount Kisco, NY. [contribution 5%; listed as contributing author; student & teacher eds.]
- Fendel, D., Resek, D., Alper, L., & Fraser, S. (2012). *The Interactive Mathematics Program, Year 4, Second Edition*, Berkeley, CA. [contribution 5%; listed as contributing author; student & teacher eds.]

- Fendel, D., Resek, D., Alper, L., & Fraser, S. (2011). *The Interactive Mathematics Program, Year 3, Second Edition*, Berkeley, CA. [contribution 5%; listed as contributing author; student & teacher eds.]
- Fendel, D., Resek, D., Alper, L., & Fraser, S. (2010). *The Interactive Mathematics Program, Year 2, Second Edition*, Berkeley, CA. [contribution 15%; listed as contributing author; student & teacher eds.]
- Fendel, D., Resek, D., Alper, L., & Fraser, S. (2009). *The Interactive Mathematics Program, Year 1, Second Edition*, Berkeley, CA. [contribution 15%; listed as contributing author; student & teacher eds.]
- Fraser, S., Klanica, J., Lawler, B.R., & Olds, A. (2007). *IMP Teacher Professional Development Curriculum, Years 1–4*. Berkeley, CA: Key Curriculum Press. [contribution 25%]
- Lawler, B.R. (1999). *Interactive mathematics program, year 3: Calculator Guide for the TI-81, TI-82, and TI-83*. Emeryville, CA: Key Curriculum Press.

### Other

- Lawler, B.R., King, K., Suddreth, D., & Lewis, W.J. (2016). MTE-Partnership conference reactants. In B.R. Lawler, R.N. Ronau, & M.J. Mohr-Schroeder (Eds.), *Proceedings of the 5<sup>th</sup> annual mathematics teacher education partnership conference* (pp. 45–49). Washington, DC: Association of Public Land-grant Universities. [contribution: Lawler 85%, King 5%, Suddreth 5%, Lewis 5%]
- Lawler, B.R., Ronau, R.N., & Mohr-Schroeder, M.J. (2016). Overview of the conference. In B.R. Lawler, R.N. Ronau, & M.J. Mohr-Schroeder (Eds.), *Proceedings of the 5<sup>th</sup> annual mathematics teacher education partnership conference* (pp. 10–17). Washington, DC: Association of Public Land-grant Universities. [contribution: Lawler 50%, Ronau 45%, Mohr-Schroeder 5%]
- Lawler, B.R., Ronau, R.N., & Mohr-Schroeder, M.J. (2016). From improvement to transformation. In B.R. Lawler, R.N. Ronau, & M.J. Mohr-Schroeder (Eds.), *Proceedings of the 5<sup>th</sup> annual mathematics teacher education partnership conference* (pp. 168–177). Washington, DC: Association of Public Land-grant Universities. [contribution: Lawler 50%, Ronau 45%, Mohr-Schroeder 5%]
- Meyer, B., & Lawler, B.R. (2016). *Ensuring a healthy population*. Available online at <http://ensuringahealthypopulation.weebly.com> [A six-week social justice unit about probability]
- Lawler, B.R. (2013). *MA Education program review*. School of Education, California State University San Marcos: San Marcos, CA.
- Lawler, B.R. (2011, Feb). *Foreword to 'Testing over Teaching.'* Discovery Association Publishing House: Sun City, AZ. [invited]
- Lawler, B.R. (2010). *Response to Seattle court decision regarding mathematics textbook adoption*. Key Curriculum Press: Berkeley, CA. [available online <http://www.keypress.com/x24956.xml>]
- Lawler, B.R. (2008, Oct). *Textbook (Interactive Mathematics Program) correlation to Washington State Standards*.
- Lawler, B.R. (2005, Feb 22). Editorial biased in favor of up-scale demography [Letter to the Editor]. *Athens Banner-Herald*, p. 19.
- Lawler, B. R. (2003, Jan). *Textbook (Interactive Mathematics Program) correlation to California State Standards*.

### Presentations

#### Keynote

- Lawler, B.R. (2017, Mar). *Two perspectives on equity in mathematics teaching: Individual and social*. Virginia Council of Teachers of Mathematics, Harrisonburg, VA. [cancelled due to family emergency]
- Lawler, B.R. (2016, Jul). *Teaching mathematics equitably both requires and informs problem-based learning*. Problem-Based Learning Math Teaching Summit, Deerfield, MA.
- Lawler, B.R. (2010, Jul). *Teaching meaningful algebra: Engaging reasoning & sense making*. California State University Dominguez Hills Mathematics Project – Summer Institute, Carson, CA.

#### Invited

- Lawler, B.R. & Leaf, A. (2019, Jun.). *Fix the system, not the teacher: Organizing a school for equitable mathematics instruction*. Ambitious Math and Science Summer Institut, Corvallis, OR.

- Lawler, B.R., Leaf, A., & Meyer, B. (2019, Apr.). *A systemic approach to change: transforming mathematics education*. National Council of Teachers of Mathematics Research Conference, San Diego, CA.
- Alibegovic, E., Kohler, B., Martin, W.G., Lawler, B.R., & Webb, D. (2019, Mar.). *The Mathematics Teacher Education Partnership*. Utah Association of Mathematics Teacher Educators, Salt Lake City, UT. [presented via video conference]
- Lawler, B.R. (2019, Jan.). *Rich tasks to engage students in geometric thinking*. Cobb County School District Professional Development Day, Marietta, GA.
- Lawler, B.R. (2018, Dec.). *What is this teaching mathematics for social justice (TM4SJ)?*. Metro RESA District Mathematics Coordinators Meeting, Smyrna, GA.
- Lawler, B.R. (2018, Nov.). *Wonderings, concerns, and challenges on the argumentation research program from an equity and justice perspectives*. North American Chapter of the International Group for the Psychology of Mathematics Education, Greenville, SC. [panelist]
- Martinez, R., Chao, T., & Lawler, B.R. (2018, Nov.). *Stories from the MathEdCollective*. North American Chapter of the International Group for the Psychology of Mathematics Education, Greenville, SC.
- Lawler, B.R. (2018, Nov.). *Catalyzing change in high school mathematics: Initiating critical conversations*. Cobb County School District Mathematics Department Chair Meeting, Marietta, GA.
- Lawler, B.R. (2018, Nov.). *Differentiation strategies for the 6–12 math classroom*. Cobb County School District Professional Development Day, Marietta, GA.
- Lawler, B.R. (2018, Oct.). *Supporting productive struggle* [panelist]. Georgia Mathematics Conference, Rock Eagle, GA.
- Lawler, B.R. (2018, Jun.). *Report of the equity and social justice working group* [poster]. Seventh annual Mathematics Teacher Education Partnership conference, Denver, CO.
- McCloskey, A., Marshall, A.M., & Lawler, B.R. (2018, Apr.). *The MathEdCollective: Standing Together for our Students*. National Council of Teachers of Mathematics, Washington, DC.
- Chao, T., & Lawler, B.R. (2018, Feb.). *Using this moment to support colleagues under attack and enact change*. Twenty-second Annual Conference of the Association of Mathematics Teacher Educators, Houston, TX.
- Gutiérrez, R., Lawler, B.R., & Chao, T. (2017, Nov.). *Using this moment to support colleagues under attack and enact change*. National Council of Mathematics Teachers 2017 Innov8 Conference, Las Vegas, NV.
- Lawler, B.R. (2017, Mar). *Teaching strategies that develop positive mathematics identities*. Virginia Council of Teachers of Mathematics, Harrisonburg, VA. [cancelled due to family emergency]
- Lawler, B.R. (2017, Mar). *Author/ity and the sociopolitical perspective on STEM education*. Seminar for STEM doctoral students, Middle Tennessee State University, Murfreesboro, TN.
- Lawler, B.R. (2014, May). *Mathematics education will go the way of Latin: An epistemological and ethical justification*. Alternative Forms of Knowledge Construction in Mathematics colloquium series, Portland State University, Portland, OR.
- Lawler, B.R. (2014, Jan). *Teaching mathematics by following students' ideas*. "Celebrating Our Own" Buy Back Day Conference, Vista, CA.
- Lawler, B.R. (2013, Jan). *Inquiry based math instruction*. "Celebrating Our Own" Buy Back Day Conference, Vista, CA.
- Lawler, B.R. (2012, Feb). *TODOS: Developing communities of practice to support high quality mathematics for ALL children*. Greater San Diego Mathematics Council Annual Conference, San Diego, CA.
- Lawler, B.R. (2012, Feb). *Highlights from California PhysTEC Member Institutions*. PhysTEC Regional Conference, Ontario, CA.
- Lawler, B.R. (2010, Jun). *Implementing U.S. curricula: Interactive Mathematics Program*. Critical Issues in Mathematics Education: Reasoning and Sense-Making in the Math Curriculum, Mathematical Sciences and Research Institute (MSRI), University of California Berkeley.
- Lawler, B.R. (2010, Apr). *Mathematics education after the standards era*. National Council of Supervisors of Mathematics, San Diego, CA.

- Lawler, B.R. (2009, May). *The role of theoretical perspectives in research*, CSUSM-UCSD Joint Doctoral Program, San Diego, CA.
- Lawler, B.R. (2009, April). *Mathematics education for social justice*, CSUSM College of Education governance meeting, San Marcos, CA.
- DeArmond, M., Fraser, S., & Lawler, B.R. (2008, Sep). *Interactive Mathematics Program: Is there really a difference?* Future of High School Mathematics Conference, Washington, DC.
- Lawler, B.R. (2008, May). *Graduate scholarship*, CSUSM-UCSD Joint Doctoral Program, San Diego, CA.
- Lawler, B.R. (2005, May). *The Interactive Mathematics Program (IMP)*. Mathematics Curriculum Showcase of the Center for the Advancement of Mathematics & Science Education, Spearfish, SD.
- Lawler, B.R. (2005, Mar). *Challenges of implementing NCTM Standards-based curriculum*. Project IMPACT (Impact Mathematics Programs, Assessments, Classrooms, and Teaching), Greenbush, KS.
- Lawler, B.R. (2005, Mar). *The Interactive Mathematics Program (IMP)*. Project IMPACT (Impact Mathematics Programs, Assessments, Classrooms, and Teaching), Greenbush, KS.
- Lawler, B.R. (2005, Feb). *The Interactive Mathematics Program (IMP)*. Considering New Curricula conference of the Tennessee Mathematics, Science and Technology Education Center (TMSTEC), Nashville, TN.
- Lawler, B.R. (2003, May). *The Interactive Mathematics Program (IMP)*. Considering New Curricula, Project MERIT, Charleston, WV.
- Lawler, B.R. (1996, Jul). *Arithmetic and geometric recursion*. Discrete Mathematics Project, Pomona, CA.

### Refereed

- Leaf, A., Meyer, B., & Lawler, B.R. (2020, Mar.). *Beyond "islands of hope": Structures for improving mathematics teaching and learning across a system*. Fifty Second National Council of Supervisors of Mathematics Annual Conference, Washington, DC.
- Lawler, B.R., Leaf, A., & Meyer, B. (2020, Feb.). *Second wave challenges to improving instruction across a district: Plateaus and threats*. Twenty-third Annual Conference of the Association of Mathematics Teacher Educators, Phoenix, AZ.
- Marshall, A.M, McCloskey, A., Chao, T. & Lawler, B.R. (2020, Feb.). *Facilitating critical conversations among mathematics teachers with rehearsals and scenario cards*. Twenty-third Annual Conference of the Association of Mathematics Teacher Educators, Phoenix, AZ.
- Raygoza, M.C., Lischka, A.E., Lawler, B.R., Tanner, A., Males, L.M., Stone, J., Harper, F.K., & Myers, M. (2020, Feb.). *Humanizing approaches to grading with mathematics pre-service teachers: Navigating and pushing beyond systems*. Twenty-third Annual Conference of the Association of Mathematics Teacher Educators, Phoenix, AZ.
- White, D.Y. & Lawler, B.R. (2020, Feb.). *Preservice teachers' noticing of middle school students' mathematical strengths*. Twenty-third Annual Conference of the Association of Mathematics Teacher Educators, Phoenix, AZ.
- Lawler, B.R. & Stenhouse, V.L. (2019, Oct.). *From struggling to learn to learning to struggle: Youth, algebra, & the pursuit of justice*. Sources of Urban Educational Excellence Conference, Atlanta, GA.
- Okyere, M. & Lawler, B.R. (2019, Oct.). *Results of implementing equity-based teaching practices on identity and problem solving in at-risk youth*. Georgia Mathematics Conference, Rock Eagle, GA.
- Amick, L., Strutchens, M.E., Smith, W., Lischka, A.E., Franz, D.P., Martin, W.G., & Lawler, B.R. (2019, Apr.). *Collaborating to improve the preparation of secondary mathematics teachers*. National Council of Teachers of Mathematics Research Conference, San Diego, CA.
- Lawler, B.R., Leaf, A., Meyer, B. (2019). *Fix the system, not the teacher: Theorizing transformation of high school mathematics in one district*. Twenty-third Annual Conference of the Association of Mathematics Teacher Educators, Orlando, FL.
- Marshall, A.M., McCloskey, A., & Lawler, B.R. (2019). *"Math is racist now? You don't believe that, do you?": Supporting Courageous Conversations*. Twenty-third Annual Conference of the Association of Mathematics Teacher Educators, Orlando, FL.
- Conway, B., & Lawler, B.R. (2018, Oct.). *Incorporate teaching for social justice*. Georgia Mathematics Conference, Rock Eagle, GA.

- Meyer, B., Lawler, B.R., & Leaf, A. (2018, Apr.). *A commitment to equity: One district's systemic approach to change in high school mathematics education*. Fiftieth National Council of Supervisors of Mathematics Annual Conference, Washington, DC.
- Lawler, B.R., & Leaf, A. (2018, Feb.). *A commitment to equity: One district's systemic approach to change in high school mathematics education*. Twenty-second Annual Conference of the Association of Mathematics Teacher Educators, Houston, TX.
- Lawler, B.R., & Leaf, A. (2017, Dec.). *Structures to support change in secondary mathematics instruction*. Learning Forward Conference, Orlando, FL. [cancelled]
- Lawler, B.R., & Meyer, B. (2017, Nov.). *Tensions of teaching for positive mathematical identity*. National Council of Mathematics Teachers 2017 Innov8 Conference, Las Vegas, NV.
- Lawler, B.R. (2017, Oct.). *What is the best voting method?* Georgia Mathematics Conference, Rock Eagle, GA.
- Blackshear, L., Glass, L., Gordon, D., McCall, C., & Lawler, B.R. (2017, Oct.). *Algebra Project and YPP: Students Learn Mathematics and Programming*. Georgia Mathematics Conference, Rock Eagle, GA.
- Lawler, B.R. (2016, Oct). *Classroom strategies to support groupwork*. Georgia Mathematics Conference, Rock Eagle, GA.
- Lawler, B.R. (2015, Oct). *Strategies to support interaction and persistence with cognitively demanding tasks*. The Georgia STEM Forum, Athens, GA.
- Lawler, B.R. (2015, Oct). *Strategies to allow children to see themselves in high school mathematics*. The Georgia STEM Forum, Athens, GA.
- Meyer, B. & Lawler, B.R. (2013, Jan). *Developing children's mathematical agency—to write the world with mathematics*. Creating Balance in an Unjust World, San Francisco, CA.
- Lawler, B.R. & Fraser, S. (2012, Jan). *Drawing upon the core components of a problem-based curriculum to build a mathematics lesson for social justice*. Creating Balance in an Unjust World, San Francisco, CA.
- Lawler, B.R. (2010, Nov). *Engaging ALL children in Algebra through reasoning & sense making*. California Mathematics Council – South Annual Conference, Palm Springs, CA.
- Lawler, B.R. (2009, Dec). *Fostering geometric thinking through rich tasks*. California Mathematics Council – North Annual Conference, Monterey, CA.
- Lawler, B.R. (2009, Nov). *Fostering geometric thinking through rich tasks*. California Mathematics Council – South Annual Conference, Palm Springs, CA.
- Lawler, B.R. (2009, Nov). *Preparing mathematics educators to teach for social justice, justly*. California Mathematics Council – South Annual Conference, Palm Springs, CA.
- Lawler, B.R. (2008, Apr). *Preparing mathematics educators to teach for social justice*. Equity & Social Justice in Education Conference, Pomona, NJ.
- Lawler, B.R. (2007, Dec). *Preparing to teach mathematics in an unjust political climate*. California Mathematics Council – North Conference, Monterey, CA.
- Lawler, B.R. (2004, Dec). *Making what's meaningful, mathematical*. California Mathematics Council – North Conference, Monterey, CA.
- Lawler, B.R. (2002, Dec). *What is it to be balanced? And/or: Counteracting a political middle ground*. California Mathematics Council – North Conference, Monterey, CA.
- Hackenberg, A.J. & Lawler, B.R. (2002, Mar). *An ethics of liberation emerging from a radical constructivist foundation*. Department of Mathematics Education Colloquium, Athens, GA.
- Lawler, B.R. & Burkhart, M. (2000, Mar). *Retire from the stage*. Los Angeles City Teachers' Mathematics Association, Carson, CA.
- Lawler, B.R. & Doak, L. (1996, Oct). *Consider a student-centered classroom with Baker's Choice*. National Council of Teachers of Mathematics – Western Regional Meeting, Denver, CO.
- Lawler, B.R. (1995, Oct). *Implementing a student-centered classroom*. Colorado Council of Teachers of Mathematics, Denver, CO.

### **Grants – External**

- Lawler, B.R., Edwards, B., & Harmon, A. (under review). *Understanding Barriers to STEM Teaching Careers in the Urban Context: A Capacity-Building Collaboration between Kennesaw State*



- University & Atlanta Metropolitan State College. National Science Foundation. [\$124,750; Principle Investigator]*
- Head, M., Lawler, B.R., & Kulasiri, R. L. (2019). *The pipeline to teacher preparation in chemistry and physics*. National Science Foundation. [\$1,198,577; Co-Principle Investigator, joined 2019, original proposal accepted 2013]
- Lawler, B.R., Edwards, B., & Callahan, K. (2018). *KSU-AMSC Noyce teacher scholars: Recruiting and retaining to serve diverse student populations*. National Science Foundation. [\$1,199,969; Principle Investigator, declined]
- Myers, M. & Lawler, B.R. (2018). *Leveraging the Mathematics Teacher Educator—University Supervisor—Mentor Teacher triumvirate toward developing critically conscious pre-service teachers*. Spencer Conference Grant. [\$50,000; Co-Principle Investigator, declined]
- Lawler, B.R., Edwards, B., & Sanchez, W. (2017). *Building capacity in Cobb County for fourth-year mathematics instruction*. Teacher Quality Grant. [\$29,835; Principle Investigator]
- Sanchez, W., Edwards, B., & Lawler, B.R. (2017). *Open Source Technology for Teaching High School Mathematics*. Teacher Quality Grant. [\$27,580; Co-Principle Investigator]
- Lawler, B.R. & Sharif, S. (2014–2016). *CSU Math Teacher Education Partnership*. Association of Public and Land-Grant Universities: Math Education Teacher Partnership — San Diego. [\$10,000 annually; Principle Investigator]
- Lawler, B.R. (2014). *North county mathematics teacher leaders II – math supervisors*. California Math Project—San Diego. [\$6,000; Principle Investigator]
- Lawler, B.R., Price, E., & Kündgen, A. (2013–2016). *CSUSM Noyce teacher scholars: Building upon a Learning Assistants model*. National Science Foundation. [\$1,179,706; Principle Investigator]
- Lawler, B.R. (2012). *North county mathematics teacher leaders*. California Math Project—San Diego. [\$15,000; Principle Investigator]
- Price, E. & Lawler, B.R. (2011–2014). *Program development, recruiting, and induction: Adding the missing pieces*. Physics Teacher Education Coalition. [\$75,000; Co-Project Director]
- Lawler, B.R. & Price, E. (2009–2016). *Learning assistants in undergraduate mathematics and science*. CSU Math and Science Teacher Initiative. [\$75,000–\$120,000 annually; Co-Project Director]

### **Honors, Recognitions, and Outstanding Achievements**

- 2011 Invited Delegate*. Mathematics Education and Contemporary Theory. Manchester Metropolitan University. Manchester, England.
- 2005–2006 Graduate school dissertation fellowship, The University of Georgia*.  
Awarded an exclusive (one of three) and prestigious fellowship for dissertation completion.
- 2000–2003 University-wide Assistantship, The University of Georgia*.  
Awarded a prestigious (one of eleven) three-year assistantship by the university.

### **Teaching**

#### **Kennesaw State University**

- |           |  |
|-----------|--|
| EDMA 6421 | Pedagogical Content Knowledge for Mathematics I                                  |
| EDMG 4401 | <i>Teaching Mathematics in the Middle Grades</i>                                 |
| EDMG 3350 | <i>Planning, Instruction, and Assessment in the Middle Grades</i>                |
| EDSM 7950 | <i>Introduction to Secondary Mathematics Teaching (independent study)</i>        |
| EDSM 8902 | <i>[EdS] Seminar II: Capstone</i>  |
| EDUC 6250 | <i>Learning about Learners</i>   |
| EDUC 6255 | <i>Teaching Learners</i>   |
| EDUC 2120 | <i>Exploring Sociocultural Perspectives on Diversity in Educational Contexts</i> |
| MAED 3475 | <i>Historical and Modern Approaches to Mathematics</i>                           |
| MAED 4495 | <i>Advanced Perspectives on High School Mathematics II</i>                       |

#### **California State University San Marcos**

- |          |   |
|----------|---|
| EDMS 543 | <i>Elementary Mathematics Education</i> |
|----------|---|

EDSS 530	<i>Secondary Schooling in the 21<sup>st</sup> Century</i>
EDSS 543	<i>Secondary Mathematics Education</i>
EDSS 571/572	<i>Clinical Practice in Secondary Schools I/II</i>
EDST 620	<i>Current Research in Mathematics Education</i>
EDST 621	<i>Students' Thinking in Mathematics Education</i>
EDUC 350	<i>Foundations of Teaching as a Profession</i>
EDUC 495	<i>STEM Teaching and Learning, Theory and Practice</i>
EDUC 622	<i>Research Methods in Education</i>

### **University of Georgia**

EMAT 8990	<i>Research Seminar in Mathematics Education: Envisioning the Critical Theorists' Mathematics Classroom</i> [co-created and co-taught]
EMAT 8990	<i>Research Seminar in Mathematics Education: Rethinking Mathematics Education from a Critical Pedagogy Perspective</i> [co-created and co-taught]
EMAT 8990	<i>Research Seminar in Mathematics Education: 'The Mathematics Educator': Writing, Reviewing, and Editing for Publication</i> [co-created and co-taught]
EMAT 9600	<i>Research Seminar in Mathematics Education: Conducting Equity Research in Mathematics Education</i>
MATH 2200L	<i>Differential Calculus Lab</i>

### **Brenau University**

ED 637	<i>Mathematics for Teaching Middle Grades</i>
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### **Graduate Students**

#### **EdD Secondary Education, Chair**

present	Raeshanda Wilson, Mensah Okyere
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#### **EdD Secondary Education, Committee** (2 completed)

present	Chenita Jarrett, Joshua James
2015	Ignacio Ramirez
2011	Mary Contreras

#### **MA Education, Chair – Research** (19 completed)

2013	Jessica Morales, Preston Nichols, Kaveh Shakeri
2012	Allison Arnold, Shawna Conway, Michael Hatcher, Alex Houck, J. Cristina Paredes, Nidia Rodriguez, Katherine C. Smith, Wendy Strang, Theresa Woodard
2011	Bryan Boyd, Nicole Paynter, Christina Sepe
2010	Mayela A. Hernandez, Jeff Schmitz, Taryn Webb, Kristen Weidenman

#### **MA Education, Chair – Project or Exam** (8 completed)

2012	Michelle Derkson, Chris Evans, Alejandra Mendoza
2011	Silvina Fissore, Evette Roux, Amanda Sheehy
2009	Jason Moldovon
2008	Danielle Raines

### **Other Teaching Activities**

2016–present	Instructor: <i>GRE Mathematics</i> . Athens Latino Center for Education and Services
2008–2012	Seminar: <i>Teaching &amp; Learning in Mathematics and Sciences</i> (for CSUSM Learning Assistants)
2010, 2012	Program Coordinator and Advisor: <i>MA Education, General Option</i> . CSUSM.
2007–2016	Advisor: <i>Independent Study in Math Methods</i> . CSUSM.
2007–2016	Advisor: <i>Single Subject Cohort</i> . CSUSM.
2007–2010	Instructor: <i>test prep for CA Subject Examinations for Teachers</i> . CSUSM.

## Service

### *College of Education*

2018–2019	Department Promotion & Tenure Committee
2017–2019	Departmental Faculty Council
2017–2018	Faculty Search Committee – Elementary Education (3 positions)
2016–present	Initial Certification (MAT & BSEd) Secondary Mathematics Program Coordinator
2014–2016	Director – STEM Teacher Recruitment [CSUSM]
2014	Revision of <i>EDMS 543 Mathematics Education in Elementary Schools</i> syllabus and textbook requirement; in conjunction university effort to reduce print materials cost [CSUSM]
2010–2014	Program Coordinator – MA Education, General Option [CSUSM]
2010	Faculty Search Committee – Communicative Disorders [CSUSM]
2009–2016	Project Director – Mathematics and Science Teacher Initiative: Learning Assistants [CSUSM]
2009–2016	Personnel and Student Appeals Committee [Chair, 2011–2013, CSUSM]
2008–2014	Graduate Programs Committee [Chair, Spring 2009–Spring 2011, CSUSM]
2009–2016	Single Subject application review and applicant interviews [CSUSM]
2008–2012	Project Director at CSUSM – Mathematics for America, San Diego
2008–2009	Faculty Search Committee – Education Administration [CSUSM]
2007–2008	Revision of <i>EDMS 543 Mathematics Education in Elementary Schools</i> syllabus and course content; in conjunction with peer mathematics educators [CSUSM]

### *University*

2018–2020	Information Technology Advisory Committee
2018–present	Volunteer, KSU Elementary Math Bowl
2017–present	Volunteer, Science Olympiad at KSU
2017–present	Volunteer, STEM Day at KSU
2016–present	Director, Kennesaw Mathematics Teacher Education Partnership
2016–2018	Academic Appeals Committee
2015–2016	Faculty Grants Committee [CSUSM]
2011–2013	Academic Senate [CSUSM]
2010–2012	University Curriculum Committee [CSUSM]
2009–2011	Institutional Review Board [CSUSM]
2008–2009	Faculty Awards Selection Committee [CSUSM]

### *Community – Local, State*

2018–present	Co-Director of the GA team (4 institutions) of the APLU Mathematics Teacher Education Partnership (MTE-P)
2017–present	Volunteer/Member, Organizational Development Team, Organizational Development Team of the Atlanta Algebra Project and Young People's Project
2016–present	Volunteer, Mathematics GRE Instructor at Athens Latino Center for Education and Services (ALCES)
2014–2016	Co-Director of the CSU team (22 institutions) of the APLU Mathematics Teacher Education Partnership (MTE-P)
2014–present	Partnership with Escondido Union High School District to implement CaCCSS-M
2013–2014	Partnership with Vista Unified School District to implement CaCCSS-M
2013–2014	Partnership with San Marcos Unified School District to implement CaCCSS-M
2012–2013	Del Lago Academy, Escondido Union High School District – Advisor for Mathematics Curriculum Selection/Development
2011–2013	President, Greater San Diego Mathematics Council
2010–2013	Equity Committee, California Mathematics Council

- 2009–2010 Partnership development with Vista Unified School District to support middle grades mathematics teachers become highly qualified
- 2009 (May) California Department of Education Framework Focus Group Meeting – Respondent
- 2009 (Mar) San Dieguito Academy, San Dieguito Union High School District – Mathematics curriculum and pedagogy consultant
- 2008–2011 Escondido Union School District, building capacity to implement best teaching practices in middle grades mathematics
- 2007–present Mathematics consultant to High Tech High schools
- 2007–2011 Secretary, Greater San Diego Mathematics Council

### ***Community – National, International***

- 2019–present Member of the International Committee: Mathematics, Education, and Society.  
(recent) Reviewer for National Science Foundation grant proposals, Arlington, VA.
- 2014–present Member of the APLU Mathematics Teacher Education Partnership (MTE-P).
- 2013–2015 Member of the Regional Advisory Committee for the Eighth International Mathematics Education and Society (MES) Conference, Portland, OR.  
(recent) Reviewer for National Science Foundation grant proposals, Arlington, VA.
- 2011–2018 Partnership with Delaware Mathematics Coalition to implement CCSS-M
- 2010 (Oct) Conference Board of Mathematical Sciences Forum on Content-Based Professional Development for Teachers of Mathematics. Reston, VA.
- 2009–2011 Program Chair, American Education Research Association Special Interest Group: Critical Educators for Social Justice.
- 2009–2010 Liaison, Benjamin Banneker Association to the National Council of Teachers of Mathematics for the Annual Meeting, San Diego, CA.
- 2009 (Oct) Conference Board of Mathematical Sciences Forum on the Content and Assessment of School Mathematics. Reston, VA.

### ***Editorship***

- 2018–present Editor, *The Almanac, a publication of the Benjamin Banneker Association. Vol. 2–3*
- 2018 Co-Editor, *Proceedings of the Seventh Annual Conference of the Mathematics Teacher Education Partnership*. [W. Smith, B.R. Lawler, J.F. Strayer, & L. Augustyn, Eds.]
- 2017 Co-Editor, *Proceedings of the Sixth Annual Conference of the Mathematics Teacher Education Partnership*. [W. Smith, B.R. Lawler, J. Bowers, & L. Augustyn, Eds.]
- 2016 Editor, *Proceedings of the Fifth Annual Conference of the Mathematics Teacher Education Partnership*. [B.R. Lawler, B. Ronau, & M. Mohr-Schroeder, Eds.]
- 2005 Editor, *Monograph: Equity in Mathematics Education, The Mathematics Educator, Vol. 15*.
- 2003 Assistant to the Editor, *Second International Handbook on Mathematics Education* [A.J. Bishop, M.A. Clements, C. Keitel, J. Kilpatrick, & F.K.S. Leung, Eds.).
- 2003 Assistant to the Editor, *Meaning in Mathematics Education* [C. Hoyles, J. Kilpatrick, & O. Skovsmose, Eds.].
- 2003 Editor, *The Mathematics Educator, Vol. 13*.
- 2002 Assistant Editor, *The Mathematics Educator, Vol. 12* [A.J. Hackenberg, Ed.].

### ***Manuscripts Reviewed*** (number of reviews)

#### **Journals**

- Association of Mexican American Educators Journal* (2)
- Bank Street Occasional Paper Series* (1)
- Critical Education* (1)
- Educational Studies in Mathematics* (2)
- Journal of Mathematics and Culture* (2)
- Journal of Urban Mathematics Education* (6)
- Mathematics Teacher Educator* (1)

*Primus* (1)

*The Mathematics Educator* (32)

*Teaching for Excellence and Equity in Mathematics* (5)

### **Books / Book Chapters**

R. Hunter, M. Civil, B. Herbel-Eisenmann, N. Planas, D. Wagner (Eds.): *Mathematical discourse that breaks barriers and creates space for marginalized learners.*

Sage Publications: *Investigating the Educational World: The Process and Practice of Research in Education.*

T.G. Bartell: *Toward Equity and Social Justice in Mathematics Education.*

### **Conference Proceedings**

National Council of Supervisors of Mathematics (NCSM), San Diego, CA, 2019. (30)

Tenth International Mathematics Education and Society (MES) Conference, Hyderabad, India, 2019. (5)

North American Chapter of the Psychology of Mathematics Education–40, Greenville, SC, 2018. (5)

Mathematics Teacher Education Partnership (MTEP), Denver, CO, 2018. (2)

Ninth International Mathematics Education and Society (MES) Conference, Volos, Greece, 2017. (4)

Eighth International Mathematics Education and Society (MES) Conference, Portland, OR, 2015. (7)

International Group for the Psychology of Mathematics Education–38 and the North American Chapter of the Psychology of Mathematics Education–36, Vancouver, Canada, 2014. (6)

Annual Meeting of the American Education Research Association, Vancouver, BC, 2011. (5)

Annual Meeting of the American Education Research Association, New Orleans, LA, 2010. (5)

National Association for Multicultural Education, 2009. (9)

### **Professional Affiliations**

Association of Mathematics Teacher Educators

Benjamin Banneker Association

Georgia Association of Mathematics Teacher Educators

Mathematics Education and Society

Mathematics Education Student Association (University of Georgia)

Mathematics Teacher Education Partnership

National Council of Teachers of Mathematics

North American Study Group on Ethnomathematics

Psychology of Mathematics Education

Rethinking Schools

TODOS: Mathematics for All