

Dr. Cory A. Bennett

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Educational Foundations
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Education

- Ph. D, University of Hawai'i at Mānoa, 2010.
Major: Curriculum and Instruction
Supporting Areas of Emphasis: Mathematics Education
Dissertation Title: Teachers' perceptions of whole-class mathematical discourse: A qualitative multi-phase case study of middle-level, public school mathematics teachers.
- M.Ed., University of Hawai'i at Mānoa, 2008.
Major: Curriculum Studies
Supporting Areas of Emphasis: Middle Level Education
- BA, Western Washington University, 2005.
Major: Education
Supporting Areas of Emphasis: Elementary and Secondary Mathematics

Professional Positions

- Assistant Professor, Idaho State University. (August 2011 - Present).
- Mathematics Academic Coach and Mentor, Hawai'i Department of Education. (2010 - 2011).
- Adjunct Professor, Chaminade University. (2009 - 2011).
- Adjunct Professor, University of Hawai'i at Mānoa. (2009 - 2011).
- District Resource Teacher, Hawai'i Department of Education. (January 2011 - June 2011).
- Secondary Mathematics Teacher, Hawai'i Department of Education. (2005 - 2010).

Licensures and Certifications

- Hawaii State Teaching License, Hawaii State. (2005 - Present).
- Washington State Residency Teaching Certificate, Washington State. (2005 - Present).
- National Board Certified Teacher--Early Adolescence, National Board for Professional Teaching Standards. (2009 - 2019).

Professional Memberships

- Association of Mathematics Teacher Educators. (2013 - Present).
- American Education Research Association. (2012 - Present).
- Board Member, Idaho Science, Mathematics, and Technology Coalition. (2012 - Present).
- Idaho Council of Teachers of Mathematics. (2011 - Present).
- Association of Middle Level Education. (2005 - Present).
- National Council of Teachers of Mathematics. (2001 - Present).
- President, Board Member, and Publications Editor, Hawaii Association of Middle Schools. (2005 - 2012).

Development Activities Attended

- Continuing Education, "Smarter Balanced State Managed Item Writing Training," CBT-McGraw Hill & Smarter Balanced Assessment Consortium, Boise, ID. (December 5, 2013 - December 7, 2013).
- Continuing Education, "Mathematics Design Collaborative Training," Mathematics Design Collaborative, Columbus, OH. (November 21, 2013 - November 23, 2013).
- Continuing Education, "Teacher Development Group Workshop," Teacher Development Group, Coeur D' Alene, ID. (October 15, 2013).
- Continuing Education, "Smarter Balanced State Managed Item Writing," CBT-McGraw Hill & Smarter Balanced Assessment Consortium, Los Angeles, CA. (July 22, 2013 - July 24, 2013).
- Continuing Education, "Mathematical Thinking for Instruction," Boise State University, Pocatello, ID. (January 2012 - March 2012).

TEACHING

Idaho State University

EDUC 3330, Elementary Math Methods.
EDUC 5597, Prof Ed Development Topics.
EDUC 6601, Research and Writing.
EDUC 6648, Independent Problems in Education.

Chaminade University of Honolulu

ED 631, Elementary Mathematics Methods.
ED 405, K-12 Mathematics Curriculum and Methods.
ED 623, Elementary Mathematics Methods.
ED 630, Elementary Integrated Curriculum and Technology.
ED 646, Advanced Mathematics Methods.
ED 684, Culminating Project.

University of Hawaii at Manoa

EDCS 653, Mathematics in the School—Integrated math content.
ITE 613, Internship Seminar.

Awards and Honors

National Board Certified Teacher; Mathematics-Early Adolescence. (2009).
Outstanding Graduate Award, Western Washington University. (2005).

SCHOLARSHIP

Published Intellectual Contributions

Book Chapters

Bennett, C. A. (2013). Teachers' perspectives on whole-class discourse: Focusing on effective instruction to improve student learning. In Nancy Gallavan (Ed.), *Action in Teacher Education Annual Yearbook XXII*, 5-6(35), 475-488.

Refereed Journal Articles

Bennett, C. A., Lockhart, E., Schatz, K. (under review) "What's the problem?". *Teaching Children Mathematics*.
Bennett, C. A. (in press) 100 Words: Becoming an advocate one essay at a time. *Middle School Journal*.
Bennett, C. A. (in press) Creating Cultures of Participation to Promote Mathematical Discourse. *Middle School Journal*.
Bennett, C. A., Ruchti, W. P. (in press). Bridging STEM with mathematical practices. *To appear in Journal of STEM Teacher Education*.
Amador, J., Bennett, C. A. (2013). How many Tables? Increasing Cognitive Demand while Incorporating Mathematical Practices. *To appear in Indiana Mathematics Teacher, Fall*.
Ruchti, W. P., Bennett, C. A. (2013). Picture this: Developing reasoning through pictorial representations. *Mathematics Teaching in the Middle School*, 19(1), 30-36.
Bennett, C. A., Ruchti, W. P. (2013). Teachers' beliefs on the use of questioning to facilitate mathematical discourse. *The Chronicle of Middle Level Education Research*, 13(2), 17-24.
Bennett, C. A. (2012). Using Tiered Explorations to Promote Reasoning. *Mathematics Teaching in the Middle School*, 18(3), 166-173.
Bennett, C. A. (2010). "It's hard getting kids to talk about math:" Helping new teachers improve mathematical discourse. *Action in Teacher Education*, 32(3), 84-96.

Presentations Given

Bennett, C. A., National Council of Teachers of Mathematics Annual Conference, "What's the Problem? Developing Effective Problem Solvers," National Council of Teachers of Mathematics, New Orleans, LA. (April 2014).

- Bennett, C. A. (Presenter & Author), Sjostrom, M. P. (Presenter & Author), National Council of Teachers of Mathematics Research Conference, "Preservice Teachers' Beliefs on Constructing and Critiquing Valid Arguments," National Council of Teachers of Mathematics, New Orleans, LA. (April 2014).
- Bennett, C. A., Idaho Regional Academy on Mathematics Education, "Orchestrating Productive Teaching, Grades 3-5," Idaho State Department of Education, Twin Falls, ID. (March 2014).
- Sjostrom, M. P., Bennett, C. A., 18th Annual Meeting of the Association of Mathematics Teacher Educators, "Constructing Viable Arguments: Preservice Teachers' Understanding of a Common Core Mathematical Practice," Association of Mathematics Teacher Educators, Irvine, CA. (February 2014).
- Bennett, C. A., Amador, J., 18th Annual Meeting of the Association of Mathematics Teacher Educators, "Equitable Access: Developing Regional mathematics Networks to support rural, remote and urban schools in Idaho," Association of Mathematics Teacher Educators, Irvine, CA. (February 2014).
- Bennett, C. A., Association for Middle Level Education Annual Conference, "Common Core Math Practices: What to look for in the classroom," Association for Middle Level Education, Minneapolis, MN. (November 2013).
- Bennett, C. A., Idaho Regional Academy on Mathematics Education, "Orchestrating Productive Teaching, Grades 3-5," Idaho State Department of Education, Pocatello, ID. (November 2013).
- Bennett, C. A., Idaho Council of Teachers of Mathematics Annual Meeting, "Achieving STEM Career and College Readiness in Idaho," Idaho Science, Mathematics, and Technology Coalition. (October 2013).
- Bennett, C. A., Idaho Council of Teachers of Mathematics Annual Meeting, "Developing Geometrical Thinkers," Idaho Council of Teachers of Mathematics, Pocatello, ID. (October 2013).
- Bennett, C. A., Idaho Regional Academy on Mathematics Education, "Orchestrating Productive Teaching, Grades 3-5," Idaho State Department of Education, Coeur d' Alene, ID. (October 2013).
- Bennett, C. A., Elementary Professional Development, "Teaching for Understanding," Pocatello/Chubbuck School District #25, Pocatello, ID. (August 2013).
- Bennett, C. A., Idaho Regional Academy on Mathematics Education, "Seeing Algebra Clearly, Grades 3-5," Idaho State Department of Education, Boise, ID. (August 2013).
- Bennett, C. A., Common Core State Standards for School Administrators, "Conceptual understanding and the CCSS for mathematics," Pocatello/Chubbuck School District #25, Pocatello, ID. (April 2013).
- Bennett, C. A. National Council of Teachers of Mathematics Annual Conference, "Building Geometrical Thinkers," National Council of Teachers of Mathematics, Denver, CO. (April 2013).
- Bennett, C. A. & Sjostrom, M. P. National Council of Teachers of Mathematics Annual Conference, "Constructing Arguments: Pre-service Teachers' Understanding of a CCSS Mathematical Practice," National Council of Teachers of Mathematics, Denver, CO. (April 2013).
- Bennett, C. A., Common Core State Standards for Elementary Teachers, "Conceptual understanding and the CCSS for mathematics," Pocatello/Chubbuck School District #25, Pocatello, ID. (March 2013).
- Bennett, C. A. Association for Middle Level Education Annual Conference, "Creating engagement in mathematics through student choice: Differentiation in practice," Association for Middle Level Education, Portland, OR. (November 2012).
- Bennett, C. A. Association for Middle Level Education Annual Conference, "'I'm a Mathematician:' Developing Mathematical Identities.," Association for Middle Level Education, Portland, OR. (November 2012).
- Bennett, C. A. National Council of Teachers of Mathematics Annual Conference, "Whole-class mathematical discourse: Creating cultures of participation," National Council of Teachers of Mathematics, Philadelphia, PA. (April 2012).
- Bennett, C. A., ISU COE Graduate Assistants Presentation, "Planning and Preparing for Employment in Academia," ISU College of Education. (March 2012).
- Bennett, C. A. 33rd Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, "Middle level teachers' perceptions of whole class mathematical discourse.," International Group for the Psychology of Mathematics Education,

- Reno, NV. (October 2011).
- Bennett, C. A. Idaho Council of Teachers of Mathematics Annual Meeting, "Developing Algebraic Thinking in Grades K-8," Idaho Council of Teachers of Mathematics, Idaho Falls, ID. (October 2011).
- Bennett, C. A. Hawaii Council of Teachers of Mathematics Annual Conference, "Algebraic thinking across grade levels," Hawaii Council of Teachers of Mathematics, Honolulu, HI. (February 2011).
- Bennett, C. A. Hawaii Council of Teachers of Mathematics Annual Conference, "Whole-class Mathematical Discourse: A Call to Action," Hawaii Council of Teachers of Mathematics, Honolulu, HI. (February 2011).
- Bennett, C. A., Graduate Student Symposium, "The road to National Board Certification," University of Hawai'i at Mānoa, Honolulu, HI. (2010).
- Bennett, C. A. (Presenter & Author), Hawaii Association of Middle Schools Annual Conference, "Algebraic reasoning for adolescents," Hawaii Association of Middle Schools, Honolulu, HI. (October 2010).
- Bennett, C. A. (Presenter & Author), Takeuchi, T. (Presenter Only), Hawaii Association of Middle Schools, "Building Geometrical Thinkers," Hawaii Association of Middle Schools, Honolulu, HI. (October 2009).
- Bennett, C. A. (Presenter & Author), Hawaii Association of Middle Schools Annual Conference, "Increasing engagement in middle school mathematics: The road to student achievement," Hawaii Association of Middle Schools, Honolulu, HI. (October 2008).
- Bennett, C. A., Elementary Education Seminar, "Dealing with the challenges of No Child Left Behind as a first-year teacher.," Western Washington University, Bellingham, WA. (2007).
- Bennett, C. A., Elementary Education Seminar, "What They Don't Teach You About Being a First-Year Teacher," Western Washington University, Bellingham, WA. (2007).
- Bennett, C. A., Teach for America Graduate Students, "Developmentally Appropriate Homework," University of Hawai'i at Mānoa, Honolulu, HI. (2007).
- Bennett, C. A. (Presenter & Author), Hawaii Association of Middle Schools Annual Conference, "Creating Developmentally Appropriate Homework Policies," Hawaii Association of Middle Schools, Honolulu, HI. (October 2007).

Contracts, Grants and Sponsored Research

Grants Funded (\$1,698,804)

- Bennett, C. A. (Principal), "Summer Teacher and Administrator Institutes," Sponsored by Idaho State Department of Education, External to Idaho State University, \$43,644. (May, 2014 - June 30, 2014).
- Bennett, C. A. (Principal), "Idaho Regional Mathematics Center," Sponsored by Idaho State Department of Education, External to Idaho State University, \$951,267. (July 1, 2013 - June 30, 2015).
- Bennett, C. A. (Principal) & Amador, J. (Co-Principal), "Professional Noticing: Using Evidence-based Learning in Idaho's Mathematics Classrooms," Sponsored by Idaho State Board of Education, External to Idaho State University, \$269,427. (July 1, 2014 - September 30, 2015).
- Bennett, C. A., "ISU Mathematics Regional Professional Development Infrastructure," Sponsored by University of Idaho, External to Idaho State University, \$58,525. (July 30, 2013 - September 30, 2014).
- Amador, J. (Principal) & Bennett, C. A. (Co-Principal), "Idaho Mathematics Regional Professional Development Infrastructure," Sponsored by Idaho State Board of Education, External to Idaho State University, \$284,303. (July 30, 2013 - September 30, 2014).
- Ruchti, W. P. (Principal), Bennett, C. A. (Co-Principal), "Idaho Tech Fellowship," Sponsored by Idaho Space Grant, External to Idaho State University, \$30,994. (August 15, 2013 - May 15, 2015).
- Bennett, C. A. (Principal), "Implementing, Noticing, and Evaluating Mathematics Instruction," Sponsored by Idaho State Department of Education, External to Idaho State University, \$43,644. (May 2014 - June 2014).
- Ruchti, W. P. (Principal) & Bennett, C. A. (Co-Principal), "Advancing STEM Education; ISU COE Dean's Grant. Investigating Early Adolescent's Self-efficacy in Mathematics and Science: Advancing Science, Technology, Engineering and Mathematics (STEM) Education," Sponsored

by Idaho State University College of Education, Idaho State University, \$17,000.00. (August 2012 - May 2013).

Grants Unfunded

- Bennett, C. A. (Co-Principal), "The Next Generation of i-STEM: Regional STEM Centers to Link the Idaho Learning Network," Sponsored by National Science Foundation, External to Idaho State University, \$7,995,743.00.
- Bennett, C. A. (Supporting), "Advancing the *E* in STEM Education with Virtual Learning Environments," Sponsored by National Science Foundation, External to Idaho State University, \$480,000.00.
- Bennett, C. A. (Supporting), "Preparing to teach the Common Core State Standards for Mathematics in High School," Sponsored by Idaho State Department of Education, External to Idaho State University, \$543,633.00.
- Ruchti, W. P. (Principal), Bennett, C. A. (Co-Principal), "NASA Cooperative Agreement Notice (CAN) Innovative Pilot in STEM Education. Preservice Engineering and Mathematics Integration Education Reform (PREMIERE) Cohort," Sponsored by NASA, External to Idaho State University, \$499,883.00. (December 2012).
- Ruchti, W. P. (Co-Principal), Bennett, C. A. (Principal), "NSF DRK-12. Student and Educator Efficacy Development in Science, Technology, Engineering, and Mathematics (SEEDs of STEM)," Sponsored by National Science Foundation, External to Idaho State University, \$449,992.00. (October 2012).
- Bennett, C. A. (Principal) Ruchti, W. P. (Co-Principal), "Investigating Early Adolescent's Self-efficacy in Mathematics and Science: Advancing Science, Technology, Engineering, and Mathematics (STEM) Education," Sponsored by Idaho State University-University Research Council, Idaho State University, \$24,677.00. (January 2012).
- Bennett, C. A. (Principal), Ruchti, W. P. (Co-Principal), "Investigating Early Adolescent's Self-efficacy in Mathematics and Science: Advancing Science, Technology, Engineering, and Mathematics (STEM) Education," Sponsored by Idaho State University-University Research Council, Idaho State University, \$24,875.00. (November 2011).
- Bennett, C. A. (Co-Principal), Ruchti, W. P. (Co-Principal), Zimmerly, C. (Principal), "Use of PCSadventures and TIA to integrate STEM into elementary schools," Sponsored by National Science Foundation, External to Idaho State University, \$350,000.00. (October 2011).

SERVICE

Editorial and Review Activities

- Invited Manuscript Reviewer, "Teaching Children Mathematics," National Council of Teachers of Mathematics. (2013-present).
- Invited Manuscript Reviewer, "Current Issues in Education," Mary Lou Fulton Teachers College of Arizona State University. (2013 - Present).
- Invited Manuscript Reviewer, "Mathematics Teaching in the Middle School," National Council of Teachers of Mathematics. (2012 - Present).

University Service

- Graduate Faculty Representative, H. Reardon, School of Nursing (2014)
- Graduate Faculty Representative, S. Nelson, Doctorate of Physical Therapy (2013)
- Graduate Faculty Representative, H. Wadsworth, Masters of Business Administration (2013)
- Graduate Faculty Representative, K. Call, Masters of Health Education (2013)
- eISU Day Faculty Showcase—Good Practices presenter. (2012).

College Service

- Committee Chair, Educational Foundations Search Committee-Math Specialist Region 5. (October 2013 – April 2014).
- Committee Chair, Educational Foundations Search Committee-Math Specialist Region 6. (October 2013 – April 2014).
- Committee Member, Educational Foundations Search Committee-Twin Falls. (October 2013 – April 2014).
- Committee Member, Graduate Studies Committee. (January 2013 – March 2014).

Committee Member, Common Core State Standards Implementation Committee. (April 2013 – Present).

Committee Member, Scholarship Committee. (August 2011 - September 2013).

Committee Member, Educational Foundations Search Committee-Statistics. (October 2012 - May 2013).

Committee Member, Educational Foundations Search Committee-Technology. (October 2012 - May 2013).

Committee Member, Educational Foundations Search Committee-Statistics. (October 2011 - March 2012).

Professional Service

National Council of Teachers of Mathematics 2016 Annual Conference Program Committee. (April 2014 – Present).

Idaho State Department of Education Smarter Balanced Item Development Committee. (July 2013 - Present).

Idaho Science, Mathematics, and Technology Coalition, Member. (January 2013 - Present).

Idaho State Department of Education Mathematics Steering Committee, Member. (2012 - Present).

Idaho State STEM Roadmap Development Committee, Member. (2012 - Present).

Praxis Common Core State Standards Mathematics National Advisory Committee, Educational Testing Services. (December 2012).