CARRIE D. ALLEN BEMIS
Curriculum Vitae

School of Education
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EDUCATION

2011-Present **University of Colorado**, School of Education, Boulder, Colorado
PhD Student in Educational Psychology and Learning Sciences
Anticipated graduation date: May 2016

2005-2006 **Seattle University**, Seattle University, Seattle, Washington
Master in Teaching, Secondary English Education

2001-2005 **Western Washington University**, Bellingham, Washington
B.A. in English: Literature

RESEARCH POSITIONS

2013-Present **Research Consultant**, Empower Shakti International (ESI), Boulder, CO.

- Co-designing and conducting community-based research project to measure the impact of mindfulness practices on social change and women's perceptions of agency

Fall 2013 **Graduate Research Assistant,** Center for Civic Engagement and Service Learning, University of Colorado-Boulder

Faculty Director: Ben Kirshner

- Developing empirical review and conceptual framework to inform design of campus center for community-based research and student civic engagement
- Interviewing leaders in higher education outreach and engagement

Summer 2013 **Program Director,** Summer Institute on Critical Youth Participatory Action Research, funded by CU Office of Outreach and Engagement

- Designed and conducted 6-week research institute for high school students that analyzed science education classroom practices and school funding, and their connection to issues of underrepresentation in science fields

2012-Present **Graduate Research Assistant,** "Efficacy Study of Project-Based Inquiry Science," funded by National Science Foundation (NSF) (DRL-1020407)

PI: Christopher Harris, SRI International; Co-PIs: William Penuel, University of Colorado Boulder and Joseph Krajcik, Michigan State University

- Cluster randomized controlled trial to measure the impact of a widely available project-based middle school science curriculum

- Co-developed coding guide to analyze teacher implementation of practices aligned with the *Framework* and the Next Generation Science Standards (NGSS)
- Evaluated teacher professional development (PD) related to NGSS and the *Framework*

2012-Present **Graduate Research Assistant**, Urban High School Opportunity Structures, Figured Worlds of STEM, and Choice of Major and College Destination, funded by NSF (DRL-1007964), University of Colorado
PI: Margaret Eisenhart, University of Colorado Boulder

- Study analyzing opportunity structures for minority high school students to explore and pursue fields of STEM
- Followed the trajectories of 12 high school females over a two-year period through student and parent interviews, school site shadowing, and classroom observations.

2011-2012 **Graduate Research Assistant**, "Critical Civic Inquiry: A Design-Based Study," funded by Spencer Foundation, University of Colorado, Boulder
PIs: Ben Kirshner, Shelley Zion, and Carlos Hipolito-Delgado

- Project aimed at helping teachers orchestrate critical conversations about race, class, and inequity in schools, and supporting teachers' integration of Youth Participatory Action Research projects into content-area curriculum

2010-2011 **Research Assistant**, First-year Teacher Preparedness Study, Seattle University
PIs: Amy Eva and Bridget Walker

- Piloted research study/program evaluation related to first-year teacher preparedness.
- Observed and interviewed first-year teachers regarding effective use of instructional and classroom management strategies.

TEACHING RELATED POSITIONS

2012 **Curriculum Developer,** University of Colorado, Boulder

- Managed curriculum-development project in collaboration with high school and middle school teachers
- Curriculum blends critical pedagogy and YPAR (called Critical Civic Inquiry) with language arts and social studies curricula

2010-2011 **Instructor**, Edmonds Community College, Developmental Education Division, Lynnwood, Washington

- Teaching college-readiness courses focused on essay writing and grammar, reading comprehension, speed reading, time management and study skills.
- Courses taught:
    - Bridge 093: Essay Writing and Grammar
    - Bridge 087, 088, 108: Reading/Vocabulary/Speed Reading
    - Bridge 055: Integrated Learning for High School Completion
    - EDCAP 096: EDCAP Success II
    - HSC 099/Bridge 115: Culminating Project for High School Completion

2009-2011 **Advisor**, Edmonds Community College, Developmental Education Division, Lynnwood, Washington

- Advised international and at-risk youth in high school completion programs.
- Designed and taught free SAT-preparation workshop for international students.

2006-2009 **English Teacher**, Shorewood High School, Shoreline School District, Shoreline, Washington

- Taught of the following courses: English 9, Language Arts 10, Creative Writing, Senior Composition, and Lifetime Writing.
- Served as English department team leader for 9th grade teachers, outlining 9th grade curriculum and holding meetings to set grade-level goals.
- Piloted English-Social Studies Block program designed to improve graduation rates by targeting students in 9th grade.

JOURNAL PUBLICATIONS

Eva, A., Allen Bemis, C., Hollands, B., & Quist, M. (2014). *The Power of the Poetic Lens: Why Teachers Need to Read Poems Together.* The Journal of the Assembly for Expanded Perspectives on Learning. Volume 19.

WORK SUBMITTED FOR PUBLICATION

Eisenhart, M., Weis, L., Allen Bemis, C., Cipollone, K., Stich, A., & Wiley, K. (2013). *What is a STEM School? Opportunities for STEM in Inclusive STEM-focused and Traditional High Schools in Two U.S. Cities.* Manuscript submitted for publication.

REFEREED CONFERENCE PRESENTATIONS

Allen Bemis (2014, April). *Using Participatory Action Research to Bring Student and Teacher Voices to the Science-Education Reform Discussion*. Paper to be presented at the American Educational Research Association Annual Meeting, in Philadelphia, PA.

Allen Bemis, C., Wiley, K., & Eisenhart, E. (2014, April). *What is a STEM School? Opportunities in Inclusive and Traditional High Schools in Denver.* Paper to be presented at the American Educational Research Association Annual Meeting, in Philadelphia, PA.

Eisenhart, M. & Allen Bemis, C. (2014, April). *Figured Worlds of Schooling and STEM in Denver and Buffalo.* Paper to be presented at the American Educational Research Association Annual Meeting, in Philadelphia, PA.

Moorthy, S., Harris, C., Sherwood, C., D'Angelo, C., Allen Bemis, C., Stanford, T. (2014, April). *The Use of Talk Moves To Support Student Participation in Scientific Modeling.* Paper to be presented at the American Educational Research Association Annual Meeting, in Philadelphia, PA.

Allen Bemis, C., D'Angelo, C., Penuel, W., & Severance, S. (2014, March). *Evaluating Teacher Professional Development for Implementation: Teacher Sensemaking and Impacts on Practice.* Paper for presentation in the NARST Annual Conference, in Pittsburg, PA.

D'Angelo, C., Moorthy, S. Allen Bemis, C., & Sherwood, C. (2014, March) *Using Log Data to Analyze Teacher Implementation of Framework-aligned Curriculum.* Paper to be presented at the American Educational Research Association Annual Meeting, in Philadelphia, PA.

Moorthy, S., Harris, C., D'Angelo, Sherwood, C., C., Allen Bemis, C., Stanford, T. (2014, March) *The Role of Productive Talk in Supporting Student Participation in Scientific Modeling.* Paper for presentation in the NARST Annual Conference, in Pittsburg, PA.

Allen Bemis, C., Ohle, S., Wiley, K., & Eisenhart, M. (2013, April). *Math and Science Opportunity Structures in Denver-Area High Schools.* Paper presented at the American Educational Research Association Annual Meeting, San Francisco, CA.

Prudehomme, J., Allen Bemis, C. & Eisenhart, M. (2013, April). *Social and Cultural Capital and Capital High School: A Different Story.* Paper presented at the American Educational Research Association Annual Meeting, San Francisco, CA.

Zion, S., & Allen Bemis, C. (2013, April). *Critical Pedagogy: Preparing Teachers to Create Spaces that Support and Sustain Student Transformative Voice.* Paper for structured poster session at American Educational Research Association Annual Meeting, San Francisco, CA.

Allen Bemis, C., & Kirshner, B. (2013, April). *Find a Way or Make One: How Teachers Do Critical Pedagogy in No Excuses Schools.* Paper for roundtable session at the American Educational Research Association Annual Meeting, San Francisco, CA.

Allen Bemis, C., Penuel, W. R. & Jones, H. (2013, April). *Middle School Teachers' Ideas about the Practices of Developing and Using Models in Science.* Paper presented at the National Association of Research on Science Teaching annual meeting, Puerto Rico.

Sherwood, C. A., Moorthy, S., Allen Bemis, C. (2013, April). *Characterizing the Relationship Between High-Quality Task Setup and Teachers' Instructional Practices During Lessons Incorporating Scientific Practices.* Paper presented at the National Association of Research on Science Teaching annual meeting, San Juan, PR.

Allen Bemis, C. (2013, February). '*Working Hard' and 'Just Getting It': Authoring Selves in the Figured World of STEM at Southside High School.* Paper presented at the Ethnography in Education Forum, University of Pennsylvania, Philadelphia, PA.

Penuel, William R., Allen Bemis, C., Jones, H. (2012, December). *Middle School Teachers' Ideas about the Practice of Developing and Using Models in Science.* Poster presented at iSTEM Symposium, Boulder, CO.

Allen Bemis, C. & Kirshner, B. (2012, November). "*Find a Way or Make One": A Case Study of Youth Participatory Action Research within No Excuses Schools.* Paper presented at the American Anthropological Association annual meeting, San Francisco.

Kirshner, B., Mendoza, E. & Allen Bemis, C. (2012, November). *Mapping Disruptions of Common Sense: Place-making with Students at Southern High School.* Paper presented at the American Anthropological Association annual meeting, San Francisco.

Shlick-Noe, Eva-Wood, Allen Bemis, C. (2006). *Renewing our Spirits: The Role of Poetry in Sustaining Teachers' Lives.* Presentation at the National Conference of Teachers of English (NCTE).

INVITED CONFERENCE PRESENTATIONS

Kirshner, B., Mendoza, E., Allen Bemis, C. (2012, April). *Place-making with Students: Leveraging Local Knowledge to Transform Learning in Schools.* Paper presented at the American Educational Research Association Annual Meeting, Presidential Session, Vancouver, B.C.

SCHOLARLY PRESENTATIONS

Penuel, William R., Allen Bemis, C., Jones, H. (2012, November). *Middle School Teachers' Ideas about the Practice of Developing and Using Models in Science.* Paper presented for Design-based Educational Research Seminar (DBER), Boulder, CO.

SERVICE

2012-2013 **Board Member,** Racial Initiatives for Students and Educators (RISE), University of Colorado, Boulder

2012-2013 **Board Member,** Graduate Student Editorial Board, American Educational Research Journal (AERJ)

2010-2011 **Mentor**, Women of Wisdom Mentorship Program, Edmonds School District, Edmonds, Washington

2008-2010 **Equity Committee Member,** Shorewood High School, Shoreline School District, Shoreline, Washington

GRANTS

2010-2011 **SAT-Preparation Workshop**, Funded by Edmonds Community College Foundation Grant ($1800)

- Collaborated with Latino Outreach Specialist and Indian Education Specialist for local school district to design curriculum and involve families regarding college-readiness education.
- Organized and conducted bi-lingual information sessions for families regarding the significance of entrance-exam preparation for college attendance.

PROFESSIONAL AFFILIATIONS

2012-Present American Anthropological Association
2012-Present NARST
2010-Present American Educational Research Association