

Marco A. Bravo
Associate Professor
Santa Clara University
School of Education & Counseling Psychology
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EDUCATION

- 12/03 Ph.D.-Education, Language, Literacy & Culture, *with distinction*
University of California at Berkeley; Berkeley, CA
- 6/95 M.Ed.-Human Development and Psychology
Harvard University; Cambridge, MA
- 6/94 B.A.- Spanish Literature
Santa Clara University; Santa Clara, CA
- 8/93 Certificate- Latin American Literature
Universidad Nacional Autónoma de México; Mexico City, MX

PROFESSIONAL EXPERIENCE

- 09/14 *Associate Professor*, Santa Clara University, Santa Clara, CA
Present Department of Education
- 09/08 *Assistant Professor*, Santa Clara University, Santa Clara, CA
09/05 Department of Education
- 08/05 *Assistant Professor*, San Francisco State University, San Francisco, CA
09/08 School of Education
- 01/03- *Graduate Student Instructor*, UC Berkeley Teacher Education, Berkeley, CA
05/03 Course title: Teaching Cultural and Linguistic Minority Students
- 05/00- *Adjunct Faculty*, College of Notre Dame De Namur Graduate School of Education,
08/00 Belmont, CA.
- 01/98- *ELD Specialist*, San Leandro School District; San Leandro, CA
08/99 Office of English Language Development
- 08/96- *Lecturer*, Santa Clara University, Santa Clara, CA
08/00 Division of Education
- 08/96- *Bilingual Teacher*, Salinas City School District; Salinas, CA
07/97 First Grade Teacher

08/95- *Adult ESL Instructor*, Salinas Adult School; Salinas, CA
 06/97 ESL Instructor

09/95- *Substitute Teacher*, Salinas Union High School District; Salinas, CA
 06/96 High School & Middle schools

06/95- *ELD Teacher*, Migrant Education; Santa Cruz, CA
 07/95 Middle School

08/94- *High School Counselor*, Cambridge Rindge & Latin School; Cambridge, MA
 06/95 College Entrance

RESEARCH EXPERIENCE

07/06- *Visiting Researcher*, Center for Research on Education, Diversity & Excellence
 08/10 UC Berkeley Graduate School of Education, Berkeley, CA

12/03- *Post-Doctoral Researcher*, Seeds of Science, Roots of Reading
 07/05 Lawrence Hall of Science, UC Berkeley; Berkeley CA

05/03- *Research Assistant*, Seeds of Science, Roots of Reading
 12/03 UC Berkeley Graduate School of Education; Berkeley CA

01/02- *Research Assistant*, Science Instruction For All (SIFA)
 01/03 UC Berkeley Graduate School of Education; Berkeley, CA

10/99- *Research Assistant*, Responsive Learning Communities
 08/02 UC Berkeley Graduate School of Education; Berkeley, CA

10/99- *Research Assistant*, Harvard Immigration Project
 06/02 Harvard University Graduate School of Education; Cambridge, MA

SCHOLARLY WORK

Refereed Articles

Mosqueda, E., Bravo, M. A. & Solís, J. L., Maldonado, S. & De La Rosa, J. (2016).
 Assessing Latina/os' Mathematical Understanding, Academic Language and English
 Language Proficiency. *Bilingual Review* 1, 1-20.

Cervetti, G. N., Kulikowich, J. M. & Bravo, M. A. (2015). The Effects of Educative
 Curriculum Materials on Teachers' Use of Instructional Strategies for English Language
 Learners in Science and on Student Learning. *Contemporary Educational Psychology* 40,
 86-98.

- Bravo, M. A. & Cervetti, G.N. (2014). Equitable science instruction for English language learners. *Equity and Excellence in Education*, 47, 230-245.
- Bravo, M.A., Mosqueda, E., Solís, J. L., & Stoddart. (2014). Integrating Science and Diversity Education: A Model of Pre-Service Elementary Teacher Preparation. *Journal of Science Teacher Education* 43, 1-15.
- Stoddart, T., Bravo, M. A., Mosqueda, E. & Solís, J. L. (2013). Restructuring Pre-Service Teacher Education to Respond to Increasing Student Diversity. *Research in Higher Education Journal*, 19, 1-19.
- Cervetti, G. N., Tilson, J., Castek, J., Bravo, M. A., & Trainin, G. (2012). Assessing multiple dimensions of vocabulary knowledge. *Journal of Education*, 192, 49-61.
- Bravo, M. A. (2011). Leveraging Spanish-Speaking English Learner's Native Language to Access Science. *National Clearinghouse for English Language Acquisition*, 3, 21-23.
- Stahl, K. & Bravo, M. A. (2010). Contemporary Classroom Vocabulary Assessment for Content Areas. *Reading Teacher*, 63, 566-578.
- Cervetti, G. N., Bravo, M. A., Hiebert, E. H., & Pearson, P. D., & Jaynes, C. (2009). Text Genre and Science Content: Ease of Reading, Comprehension and Reader Preference. *Journal of Reading Psychology* 30, 1-26.
- Bravo, M. A., Cervetti, G. N., Hiebert, E. H., Pearson, P. D. (2007). From Passive to Active Control of Science Vocabulary. Fifty-Sixth Yearbook of the National Reading Conference (pp. 122-135). Chicago, IL: *The National Reading Conference*.
- Bravo, M. A. & Garcia, E. E. (2004). Learning to Write Like Scientists: English Language Learners Science Inquiry and Writing Understanding in Responsive Learning Contexts. *National Clearinghouse for English Language Acquisition*, 1, 1-20.
- Ku, Y. M., Bravo, M. A., Garcia, E. E. (2004). Science Instruction in Culturally and Linguistically Diverse Classrooms. *NABE Journal of Research and Practice*, 1, 1-34.

Book Chapters

- Bravo, M. A., Maldonado, S., Solís, J. L. (2018). Addressing Complexities of Science Texts to Facilitate English Learner Conceptual Development. In Kuhn, M. R., Halladay, J. & Swafford, J. (Eds.). *Developing Conceptual Knowledge Through Oral and Written Language*. NY: Guilford Press.
- Solís, J. L., Bravo, M. A., San Martin, K. & Mosqueda, E. (2018). Preparing Bilingual Preservice Teachers to Support Latin@ Student Participation in Science Practices In TT

- Yuen, E, Bonner, & M. G. Arreguín-Anderson (Eds.). (Under) Represented Latin@s in STEM: Increasing Participation Throughout Education and the workplace. NY: Peter Lang Publishing.
- Rodriguez-Mojica, C., Bravo, M. A. & Nastari, C. (2018). Integrating Vocabulary Instruction into Middle School Mathematics: Addressing the Needs of Long-Term English Learners. In H. Hansen-Thomas and K. Lindahl (Eds.) *Putting Research Into Practice: Middle School*. VA: TESOL.
- Bravo, M. A. (2017). Open-Ended Vocabulary Assessment. In J. I. Liontas *TESOL Encyclopedia of English Language Teaching*. NJ: Wiley-Blackwell.
- Bravo, M. A. (2017). Demystifying the Discourse of Science for Elementary Grade English Learners. In J. Langman & H. Hansen-Thomas (Eds.). *Discourse and Learning: Exploring English Learner Interaction, Intertextuality, and Appropriation in STEM classrooms* NY: Springer.
- Bravo, M. A., Solís, J. L., & Mosqueda, E. (2017). Capturing Pre-Service Teachers' Enactment of Amplified Science Instruction for English Language Learners. In C. Buxton & M. Allexsaht-Snider. *Supporting K-12 English Language Learners in Science: Putting Research into Teaching Practice*. NY: Springer.
- Solís, J. L., Bravo, M. A., & Mosqueda, E. (2017). Capitalizing on the Synergistic Possibilities between Language, Culture & Science. In C. Buxton & M. Allexsaht-Snider (Eds.). *Supporting K-12 English Language Learners in Science: Putting Research into Teaching Practice*. NY: Springer.
- Bravo, M. A. (2016). Situating the English Language Arts Common Core Standards in Science: Enhancing Access to Language for Emergent Bilinguals. In P. Proctor, A. Boardman & E. H. Hiebert (Eds.), *English Learners & Emergent Bilingualism in the Common Core Era* NY: Guilford Press.
- Bravo, M. A. (2016). Cultivating Teacher Knowledge of the Role of Language in Science: A Model of Elementary Grade Preservice Teacher Preparation. In A. Oliveira & M. Weinburgh *Teacher Preparation in Content-Based Second Language Acquisition* NY: Springer.
- Hiebert, E. H. & Bravo, M. A. (2010). Morphological Knowledge and Learning to Read in English. In D. Wyse, R. Andrews, & J. Hoffman (Eds.), *International Handbook of English Language and Literacy Teaching*. Oxford, UK: Routledge.
- Stoddart, T. Tolbert, S., Solis, J. & Bravo, M. A. (2010). Effective Science Teaching with English Language Learners. In Gonzales, M (ED). *Teaching Science with Hispanic ELLs in K-16 Classrooms*. Charlotte, NC: Information Age Publishing.
- Bravo, M. A. & Cervetti, G. N. (2008). Teaching Vocabulary through Text and Experience. In

A. E., Farstrup & S. Samuels (Eds.), *What Research Has to Say About Vocabulary Instruction* (pp. 130-149). Newark, DE: International Reading Association Inc.

Cervetti, G.N., Pearson, P. D., Barber, J., Hiebert, E.H., & Bravo, M. A. (2007). Integrating literacy and science: The research we have, the research we need. In M. Pressley, A. K. Billman, K. Perry, K. Refitt & J. Reynolds (Eds.), *Shaping Literacy Achievement* (pp. 157-174). New York: Guilford.

Bravo, M. A., Hiebert, E. H., Pearson, P. D. (2007). Tapping the Linguistic Resources of Spanish/English Bilinguals: The Role of Cognates in Science. In Wagner, R. K., Muse, A. and Tannenbaum, K. (Eds.). *Vocabulary Development and its Implications for Reading Comprehension*. New York: Guilford.

Cervetti, G., Pearson, P.D., Bravo, M. A., Barber, J. (2006). Reading and writing in the service of inquiry-based science. In R. Douglas, M. Klentschy, and K. Worth (Eds.), *Linking science and literacy in the K-8 classroom* (pp. 221-244). Arlington, VA: NSTA.

Garcia, E.E., Bravo, M. A., Dickey, L, Chun, K. & Sun-Irminger, X. (2002). Rethinking School Reform in the Context of Cultural and Linguistic Diversity: Creating a Responsive Learning Community. In Minaya-Rowe, L. (Ed.). *Teacher Training and Effective Pedagogy in the Context of Student Diversity*. CT: Information Age Publishing Company.

Bravo, M. A. & Ramirez J. J. (1997). Translating the Rules of the Game: Ayer, Ahora y Mañana. in M. Nakkula & S. Ravitch, (Eds.). *Matters of Interpretation: Reciprocal Transformations in Therapeutic and Developmental Relationships with Youth*. CA: Jossey-Bass Publishers.

Technical Reports & Conference Proceedings

Bravo, M. A. (2014). Gauging Teacher Knowledge of English Learner Pedagogy in the Elementary Science Classroom. Proceedings from the International Conference on Education and New Developments. Madrid, Spain.

Bravo, M. A., Solís, J. L., & Mosqueda E. (2011). Pre-Service Teacher Efficacy and Practices with Responsive Science Pedagogy for English Learners. Proceedings from the National Association of Research In Science Teaching Annual Meeting. Orlando, FL,

Krishnan, S., Davis, R., Bravo, M. A. & Gilbert M. (2011). Projects Integrating Sustainability and STEM Outreach. Proceedings from the American Society for Engineering Education. Fresno, CA.

Bravo, M. A., Cervetti, G. N., Corrigan, S. (2010). Seeds of Science/Roots of Reading: Research and Development for Accommodation of English Language Learners. Report prepared for the Noyce Foundation.

Stoddart, T., Bravo, M. A. & Solis, J. L. (2009). Preparing Pre-Service Teachers to Integrate Inquiry Science with Language and Literacy Instruction for English Language Learners: An Experimental Study. Proceedings from the Center for Research on Education Diversity & Education (CREDE) 2009 Seminar. San Francisco, CA.

Solis, J. L., Bravo, M. A. & Stoddart, T. (2009). Integrating Science & Diversity Education: A Model for Pre-service Elementary Teacher Preparation Programs. Proceedings from the National Association of Research In Science Teaching Annual Meeting. Garden Grove CA.

Cervetti, G. N., Bravo, M. A., Duong, T., Hernandez, S., Tilson, J. (2008). *A Research-based approach to instruction for English language learners in science*. Report prepared for the Noyce Foundation.

ACADEMIC PRESENTATIONS

Bravo, M. A. & Rodriguez-Mojica, C. (2018, April). Bilingual Teaching Practices in Secondary Schools. The American Educational Research Association Annual Meeting in New York, NY.

Bravo, M. A. & Maldonado, S. I. (2017, July). Addressing the text complexities of science texts for English Learner Conceptual Development. International Reading Association Annual Meeting in Orlando, FL.

Bravo, M. A. & Solis, J. L. (2017, May). Supporting English Learners Acquiring the Language of Science and Science Learning. Latino Education Summit in Santa Clara, CA.

Bravo, M. A. & Mosqueda, E. (2017, April). Providing Access to the Discourse of Science for Elementary-Grade English Learners. The American Educational Research Association Annual Meeting in San Antonio, TX.

Bravo, M. A. & Rodriguez-Mojica, C. (2016, April). Integrating English Language Learners in General Education. Latino Education Summit in Santa Clara, CA.

Bravo, M. A., Mosqueda, E. & Stoddart, T (2016, April). Supporting K-12 ELLs in Science: Putting Research into Practice. The American Educational Research Association Annual Meeting in Washington DC.

Bravo, M. A., Solís, J. L. & Mosqueda, E. (2016, January). Developing Pre-Service Teacher Expertise in Integrating Science and Language Education. The Association of Science Teacher Education Annual Meeting in Reno, NV.

Bravo, M. A., Mosqueda, E. & Solís, J. L. (2015, April). Developing Pre-Service Teacher Expertise in Integrating Science and Diversity Education. The American Educational Research Association Annual Meeting in Chicago, IL.

- Solís, J. L., Bravo, M. A., & Mosqueda, E. (2015, April). A case study of novice teachers making sense of bilingual science pedagogy: Connecting language, culture, and science. The American Educational Research Association Annual Meeting in Chicago, IL.
- Mosqueda, E., Bravo, M. A., & Solís, J. L. (2015, April). Gauging and Fostering Language and Literacy Development for Middle School English Learners in Math Classrooms. The American Educational Research Association Annual Meeting in Chicago, IL.
- Bravo, M. A. (2015, March). Latina/o Educational Alliance: Addressing the Educational Needs of Latina/o Students through Research, Policy, and Practice. Carnegie Foundation Summit on Improvement in Education Annual Meeting in San Francisco, CA.
- Bjorklund, P. & Bravo, M. A. (2015, March). Improbable Success: Latina/o High School Student's Educational Resilience in Advanced Placement and Honors Classes. Comparative and International Education Society in Washington DC.
- Bravo, M. A. & Maldonado, S. I. (2014, May). Capitalizing on Science to Give Access to the Language Arts Common Core for English Learners. International Reading Association Annual Meeting in New Orleans, LA.
- Mosqueda, E., Bravo, M. A. (2014, April). Mathematics Disparities in Urban School Contexts: Examining Race, English Proficiency and Course-taking. The American Educational Research Association Annual Meeting in Philadelphia, PA.
- Kulikowich, J. M, Bravo, M. A., & Corrigan, S. (2013, April). Important Topics in Literacy Assessment Research: Theory, Constructs, and Dimensionality. The American Educational Research Association Annual Meeting in San Francisco, CA.
- Bravo, M. A. & Solís, J.L. (2013, March). Effective Science Teaching for English Language Learners: A Sociocultural Approach. The Teachers of English to Speakers of Other Languages Annual Meeting in Dallas, TX.
- Bravo, M. A. (2012, August). Gauging English Learners' Science Talk in the Primary Grades. The Hawaii University International Conference in Honolulu, Hawaii.
- Bravo, M. A., & Cervetti, G. N. (2012, April). Identifying and Accommodating the Language Demands of Science for English learners. The American Educational Research Association Annual Meeting in Vancouver, British Columbia, Canada.
- Strohl, C., Billman, A. & Bravo, M. A., (2012, April). Academic Language of Science: Examining 4th and 5th Grade ELs' Explanations of Moon Phases. The American Educational Research Association Annual Meeting in Vancouver, Canada.
- Bravo, M. A. Billman, A. (2012, February). Gauging English Learners Science Talk in the Primary Grades. The National Association of Bilingual Education in Dallas TX.

- Bravo, M. A. (2012, February). Responsive Science Pedagogy by Pre-Service Bilingual Teachers. The National Association of Bilingual Education in Dallas TX.
- Bravo, M. A., (2011, April). Promoting Effective Science Teaching for English Learners: Testing a Model of Pre-Service Teacher Training. National Association of Research In Science Teaching Annual Meeting in Orlando, FL.
- Bravo, M. A., Solís, J. & Mosqueda, E. (2011, March). Scaffolding English Language Learners' Experiences with Science Texts. National Science Teacher's Association Annual Meeting in San Francisco, CA.
- Bravo, M. A., Solís, L. J., Mosqueda, E. McKinney de Royston, M. & Collett, J. (2011, April). Integrating Science & Diversity Education: Examining Novice Teacher Practices and Impact on Student Writing Achievement. The American Educational Research Association Annual Meeting in New Orleans, LA.
- Bravo, M. A. (2011, April). Effective Science Teaching for English Language Learners. Integrating Science & Diversity Education: Examining Novice Teacher Practices and Impact on Student Writing Achievement. The American Educational Research Association Annual Meeting in New Orleans, LA.
- Bravo, M. A., Stoddart, T., Solís, J. & Mosqueda, E. (2010, June). *Integrating Science & Diversity in Pre-Service Teacher Education: The CREDE Five Standards for Effective Pedagogy*. Institute of Education Sciences Research Conference Annual Meeting in Washington D. C.
- Solís, L. J. & Bravo, M. A. (2010, April). *Promoting Science Instruction with New Teachers in Linguistically and Culturally Diverse Classrooms*. The American Educational Research Association Annual Meeting in Denver CO.
- Cervetti, N. G., Pearson, P. D. & Bravo, M. A. (2010, April). *Tracking the Knowledge-Comprehension Relationship*. The American Educational Research Association Annual Meeting in Denver CO.
- Cervetti, N. G., Billman, A. & Bravo, M. A. (2010, March). Putting Books to Work: Moving Beyond Genre. National Science Teacher's Association Annual Meeting in Philadelphia PA.
- Stoddart, T., Bravo, M. A., Solis, J. S. (2009, November). Effective Science Teaching for English Language Learners (ESTELL): A Pre-Service Teacher Professional Development project across Three Universities in California. National Science Foundation Research & Principal Investigator Annual Meeting in Washington D.C.
- Barber, J. & Bravo, M. A. (2009, November). Science Educative Material Innovations for Language Learner Achievement (SEMILLA). National Science Foundation Research & Principal Investigator Annual Meeting in Washington D.C. November 8-11 2009.

- Bravo, M. A., Solis, J. S., Mosqueda, E. (2009, June). Integrating Science & Diversity in Pre-Service Teacher Education: The CREDE Five Standards for Effective Pedagogy. Institute of Education Sciences Conference Annual Meeting in Washington D. C.
- Stoddart, T., Bravo, M. A., & Solis, J. S. (2009, May). Preparing Pre-Service Teachers to Integrate Inquiry Science with Language and Literacy Instruction for English Language Learners: An Experimental Study. 2009 CREDE Seminar in San Francisco CA.
- Bravo, M.A., Cervetti, G. N., Duong, T., & Hernandez, S. (2009, May). Supporting the Literacy Needs of English Learners in the Science Classroom with Research-based Strategies. International Reading Association Annual Meeting in Minneapolis MN.
- Bravo, M. A., Solis, J. S. & Stoddart, T (2009, April). Preparing Pre-Service Teachers to Integrate Inquiry Science with Language and Literacy Instruction For English Language Learners. National Association of Research In Science Teaching Annual Meeting in Garden Grove CA.
- Bravo, M. A. & Solis, J. S. (2009, April). Bringing Language and Literacy to Bear on Content Area Learning: Bilingual Pre-Service Teacher Dispositions and Practices in Science. The American Educational Research Association Annual Meeting in San Diego CA.
- Solis, J. S. & Bravo, M. A. (2009, April). Dialogic Activity in Science Instruction (DAISI): Integrating CREDE Pedagogy into Observations of Pre-Service Science Teaching. The American Educational Research Association Annual Meeting in San Diego CA.
- Bravo, M. A., Cervetti, G. N., Duong, T., & Hernandez, S. (2009, March). A Research-based Approach to Instruction for English Learners: Considerations for Reading, Writing, Vocabulary and Discourse in Science. National Science Teacher's Association Annual Meeting in New Orleans LA.
- Bravo, M. A. (2009, March). Reading and Writing in the Service of Inquiry Science. National Science Teacher's Association Annual Meeting in New Orleans LA.
- Bravo, M. A. & Curley, J. (2009, March). Seeds of Science Science/Roots of Reading: Supporting English Language Learners in Science. National Science Teacher's Association Annual Meeting in New Orleans LA.
- Cervetti, G. N., Tilson, J., Castek, J., Bravo, M. Jaynes, C., & Goss, M. (2009, February). Using Content-area Learning as a Context for Engaging Students in Rich Academic Discussions. International Reading Association Annual Meeting in Phoenix AZ.
- Cervetti, G. N., Tilson, J. L., Castek, J., & Bravo, M. A. (2008, December). Examining Multiple Dimensions of Word Knowledge for Content Vocabulary Understanding. The National Reading Conference Annual Meeting in Orlando FL.

- Bravo, M. A. (2008, October). Building Language and Literacy for English Learners with Informational Texts. International Reading Association Regional Meeting in Seattle WA.
- Bravo, M. A. & Tilson, J. L. (2008, July). Literacy Learning in the Context of Inquiry-Based Science 22nd World Congress on Reading: Reading in a Diverse World. Biannual Meeting in San Jose Costa Rica.
- Bravo, M. A., Solis, J. S. & Stoddart, T. (2008, June). Integrating Science & Diversity in Pre-Service Teacher Education: The CREDE Five Standards for Effective Pedagogy. Institute of Education Sciences Conference Annual Meeting in Washington D. C.
- Bravo, M. A. & Curley, J. (2008, April). Seeds of Science/Roots of Reading: Supporting English Language Learners in Science. National Science Teacher's Association Annual Meeting in Boston MA, March 27-April 5, 2008.
- Bravo, M. A. (2008, March). Science and Literacy Integration: Making Science Accessible for English Language Learners. The American Educational Research Association Annual Meeting in New York City NY.
- Cervetti, G. N., Tilson, J. L. & Bravo, M. A. (2007, May). Developing Teacher Expertise for Reading Instruction. International Reading Association Annual Meeting in Toronto, Canada.
- Bravo, M. A., Solis, J. S. & Stoddart, T. (2007, June). Integrating Science & Diversity in Pre-Service Teacher Education: The CREDE Five Standards for Effective Pedagogy. Institute of Education Sciences Conference Annual Meeting in Washington D. C.
- Bravo, M. A., Solis, J. S. & Stoddart, T. (2009, June). CREDE Standards in Context: Subject Matter, Language and Culture. 2007 CREDE Seminar in Berkeley CA.
- Bravo, M. A. (2007, March). Scaffolding English Learners in a Science and Literacy Integrated Curriculum. 2007. Association for Supervision and Curriculum Development Annual Meeting and Exhibit Show. Anaheim CA.
- Bravo, M. A. (2007, April). Scaffolding English Learners' Acquisition of Science Concepts. National Science Teacher's Association Annual Meeting in St. Louis MO.
- Bravo, M. A. & Cervetti, G. N. (2007, May). From Passive to Active Control of Science Vocabulary: Scaffolds for English Learners: Acquisition of Academic Language. International Reading Association Annual Meeting in Toronto Canada.
- Bravo, M. A. & Cervetti, G. N. (2007, May). Developing Teacher Expertise for Reading Instruction. International Reading Association Annual Meeting in Toronto Canada.

- Bravo, M. A. & Cervetti, G. N., Pearson, P. D. & Hiebert, E. H. (2006, May). From Passive to Active Control of Science Vocabulary: Acquisition Through Doing, Reading, Writing and Talking Science. The National Reading Conference Annual Meeting in Los Angeles CA.
- Bravo, M. A. (2006, December). Writing in Support of Dual Language Instruction: Young Bilinguals' Biliteracy Trajectories. The National Reading Conference Annual Meeting in Los Angeles CA.
- Pearson, P. D., Cervetti, G. N. & Bravo, M. A. (2006, August). Teaching Reading: Texts, Teaching and Literacy in the Developing World. 21st World Congress on Reading Biannual Meeting in Budapest, Hungary.
- Cervetti, G. N., Tilson, J. L. & Bravo, M. A. (2006, July). Seeds of Science/Roots of Reading: Assessing Comprehension in an Integrated Science/Literacy Curriculum. 2nd Annual University of California-Berkeley Summer Institute in Reading. Berkeley CA.
- Bravo, M. A. & Cervetti, (2006, May). Scaffolding the Academic Language Development of English Language Learners through Science & Science texts. International Reading Association Annual Meeting in Chicago IL.
- Bravo, M. A. Tilson, J. L. & (2006, April). Assessment Magazine: Gauging students' Depth of Reading Comprehension & Science Understanding. The American Educational Research Association Annual Meeting in San Francisco CA.
- Cervetti, N. G. & Bravo, M. A. (2006, April). Developing an Innovative and Comprehensive Assessment System for an Early Elementary Curriculum Program. The National Association of Research In Science Teaching Annual Meeting in San Francisco CA.
- Cervetti, N. G., Tilson, J. L. & Bravo, M. A. (2010, March). The Interface of Science and Literacy Learning and Instruction: Examining Text Features and Effects. The National Reading Conference Annual Meeting in Miami FL.
- Bravo, M. A., Hiebert, E. H. & Pearson, P. D. (2005, November). Tapping the Linguistic Resources of Spanish/English Bilinguals: The Role of Cognates in Science. The National Reading Conference Annual Meeting in Miami FL.
- Cervetti, G. N. & Bravo, M. A., Hiebert, E. H. & Pearson, P. D. (2005, April). Text Genre and Science Content: Ease of Reading, Comprehension and Preference. The American Educational Research Association Annual Meeting in Montreal Canada.
- Cervetti, G. N. & Bravo, M. A. (May, 2005). Using the Language of Science to Support the Literacy of English Language Learners. International Reading Association Annual Meeting in San Antonio TX.

- Cervetti, G. N., Barber, J. & Bravo, M. A. (May, 2005). Designing and Implementing Literacy and Science Activities through Discourse. International Reading Association Annual Meeting in San Antonio TX.
- Bravo, M. A. (2004, May). Negotiating Two languages When Learning to Write: The Literacy Paths of Young Bilinguals. UC Linguistic Minority Research Institute Annual Meeting in Santa Barbara CA.
- Cervetti, N. G., Bravo, M. A. Pearson, P. D. (2004, May). Seeds of Science/Roots of Reading. International Reading Association Annual Meeting in Reno NV.
- Cervetti, N. G., Bravo, M. A. Pearson, P. D. (2004, May). Informational Text and Young Readers: Findings from Research. International Reading Association Annual Meeting in Reno NV.
- Bravo, M. A. & Garcia, E. E. (2004, April). Learning to Write Like Scientists: English Language Learners' Science Inquiry & Writing Trajectories in Responsive Learning Contexts. The American Educational Research Association Annual Meeting in San Diego CA.
- Bravo, M. A. & Dabach, D. B. (2003, April). Immigrant Student Academic Pathways: A Journey Through the Process of Engagement & Disengagement The American Educational Researchers Association Annual Meeting in Chicago IL.
- Bravo, M. A. & Garcia, E. E. (2003, April). Gauging Expository Writing at the Intersection of Literacy and Science. The American Educational Researchers Association Annual Meeting in Chicago IL.
- Bravo, M. A. (2003, May). Biliteracy Trajectories of Young Bilinguals. International Symposium on Bilingualism #4 in Phoenix AZ.
- Bravo, M. A. (2003, February). Exploring the Literacy Paths of Young Bilinguals. The National Association of Bilingual Education in Phoenix, AZ.
- Bravo, M. A. (2001, May). Chicana/o Language Practices: Reaffirming Identity, Reclaiming Biliteracy. UC Linguistic Minority Research Institute Annual Meeting in Los Angeles CA.
- Bravo, M. A. & Garcia, E. E. (2001, April). The Authentic Literacy Assessment System (ALAS): The Literacy Paths of Young Bilinguals. The American Educational Researchers Association Annual Meeting in Seattle WA.
- Bravo, M. A. (2001, February). Bridging Authentic Assessments with Practice: The Authentic Literacy Assessment System. National Association of Bilingual Education in Phoenix AZ.

Bravo, M. A. (2000, May). Teachers Perspective on the Use of Authentic Assessments to Inform Practice. UC Linguistic Minority Research Institute Annual Meeting in Los Angeles CA.

Bravo, M. A. (2000, April). The Authentic Literacy Assessment: Promoting Bilingual Development among Linguistic Minority Students. The American Educational Researchers Association Annual Meeting in New Orleans LA.

GRANT AWARDS & FELLOWSHIPS

United States Department of Education, National Professional Development [*\$2.3 million*] Mathematics and Language, Literacy Integration (MALLI) in Dual Language Settings. Principal Investigator. 09/17-08/21.

Institute of Education Sciences [*\$900,000*] grant for Alphabear 2 SBIR Phase II. Co-Researcher. 06/17-05/19.

Institute of Museum and Library Services. [*\$98,000*] grant for Building Understanding in Language Diverse Students in Science (BUILDS 2.0). Co-Researcher. 10/15-07/16.

Ignatian Center for Jesuit Education [*\$5,650*] grant for Abriendo Caminos: Opening Roads to Early Childhood Education via iPads. Principal Investigator. September 15, 2015-June 20, 2016.

School of Education and Counseling Psychology [*\$30,000*] grant for Testing the Possibilities of Using iPads to Forge Teacher Candidates' Understandings of Culturally Responsive Pedagogy & Technology Integration in K-8 Settings. Principal Investigator. January, 5 2015-July 20, 2015.

Ignatian Center for Jesuit Education [*\$17,000*] grant for Abriendo Puertas: Opening Doors to Early Childhood Education via iPads. Principal Investigator. September 15, 2014-June 20, 2015.

Institute of Education Sciences [*\$1.5 million*] grant for First Grade, Second Language: Uniting Science Knowledge and Literacy Development for English Language Learners. Co-Researcher. 06/13-07/16.

Institute of Museum and Library Services. [*\$98,000*] grant for Building Understanding in Language Diverse Students in Science (BUILDS). Co-Researcher. 9/12-8/14.

National Aeronautics and Space Administration [*\$1.2 million*] grant for Seeds Scholars: Science, Technology, Engineering and Mathematics (STEM) Education Enterprise through Discovery in Science. Co-Researcher. 7/10-6/13.

S. D. Bechtel [*\$107,000*] grant for S. D. Bechtel Student and Teacher Scholars & Community-Based Learning Project. Project Evaluator. 2/09-12/10.

National Science Foundation [*\$3.2 million*] grant for The Role of Educative Curriculum Materials in Supporting Science Teaching Practices with English Language Learners. Co-Principal Investigator. 09/08-08/12.

National Science Foundation [*\$3.1 million*] grant for Effective Science Teaching for English Language Learners (ESTELL): A Pre-Service Teacher Professional Development Research Project Across Three Universities in California. Co-Principal Investigator. 08/08-07/12.

Noyce Foundation [*\$345,000*] grant for Seeds of Science/Roots of Reading: Research and Development for Accommodations of English Language Learners. Co-Principal Investigator. 10/08-09/09.

Institute of Education Sciences [*\$1.4 million*] grant for Integrating Science and Diversity Education: A Model of Pre-Service Elementary, Teacher Preparation. Co-Principal Investigator. 07/06-07/09.

University of California Linguistic Minority Research Institute [*\$15,000*] grant for Bilingual Development among English Language Learners. 06/02-10/03.

Chicano Latino Policy Research Institute [*\$20,000*] for Negotiating Two Languages When Learning to Write: The Literacy Paths of Young Bilinguals. 01/02-06/02.

CREATIVE ACTIVITIES

Student Books (Co-Author)

(2009) *What is so Great About Soil?* Nashua, New Hampshire: Delta Education.

(2009) *All about Roots*. Nashua, New Hampshire: Delta Education.

(2009) *Handbook of Terrarium Organisms*. Nashua, New Hampshire: Delta Education.

Curricular Materials (Co-Author)

Seeds of Science/Roots of Reading. (2010). *Planets and Moons*. Nashua, New Hampshire: Delta Education (contributing Author).

Seeds of Science/Roots of Reading. (2010). *Aquatic Ecosystems*. Nashua, New Hampshire: Delta Education (contributing Author).

Seeds of Science/Roots of Reading. (2010). *Models of Matter*. Nashua, New Hampshire: Delta Education (contributing Author).

Seeds of Science/Roots of Reading. (2010). *Chemical Changes*. Nashua, New Hampshire: Delta Education (contributing Author).

Seeds of Science/Roots of Reading. (2009). *Light Energy*. Nashua, New Hampshire: Delta Education (contributing Author).

Seeds of Science/Roots of Reading. (2009). *Weather & Water*. Nashua, New Hampshire: Delta Education (contributing Author).

Seeds of Science/Roots of Reading. (2009). *Variation & Adaptation*. Nashua, New Hampshire: Delta Education (contributing Author).

Seeds of Science/Roots of Reading. (2008). *Soil Habitats*. Nashua, New Hampshire: Delta Education (contributing Author).

Seeds of Science/Roots of Reading. (2008). *Shoreline Science*. Nashua, New Hampshire: Delta Education (contributing Author).

Seeds of Science/Roots of Reading. (2008). *Designing Mixtures*. Nashua, New Hampshire: Delta Education (contributing Author).

Seeds of Science/Roots of Reading. (2008). *Gravity & Magnetism*. Nashua, New Hampshire: Delta Education (contributing Author).

PROFESSIONAL MEMBERSHIPS

American Educational Research Association (AERA)

International Literacy Association (ILA)

Literacy Research Association (LRA)

National Science Teacher's Association (NSTA)

National Association for Research in Science Teaching (NARST)

National Association for Bilingual Education (NABE)

Teachers of English to Speakers of Other Languages (TESOL)