

Michelle Vander Veldt Brye

Associate Professor
California State University, Fullerton
Department of Elementary & Bilingual Education
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Education

Ph.D., University of Nevada, Las Vegas, 2006
Curriculum and Instruction
Dissertation: Exploring the relationship between teachers' beliefs in mathematics and their instructional practice

Master of Education, 1999
Curriculum and Instruction
University of Nevada, Las Vegas

Bachelor of Science, 1996
Elementary Education
University of Nevada, Las Vegas

Credentials

Elementary Teacher (K-8): Teaching and Substitute
Secondary (7-12): Substitute
Special (K-12): Special Education Substitute
Nevada
1996-2001

Awards

TeachingWorks Mathematics Methods Course Fellowship: 2018 Cohort, University of Michigan, 2018-2020.
Emma E. Holmes Faculty Fellowship, CSUF, College of Education 2017
California State University, Fullerton, Faculty Development Center. Faculty Recognition: Teaching Award 2016
10-Year Service Award, California State University, Fullerton, 2016
Sabbatical Leave, CSUF, College of Education, Spring 2015
5-Year Service Award, California State University, Fullerton, 2011
Honor an Educator, Faculty Partnership Award 2010
Associated Students, CSUF, Inc. Outstanding Educator of the Year Award 2009-2010
California State University, Fullerton, Faculty Development Center. Faculty Recognition: Scholarly & Creative Award 2010

Scholarly and Creative Activity

Refereed journal articles Total: 11

- Marzocchi, A. S., Druken, B. K., & Brye, M. V. (2021). Careful Co-Planning for Effective Team Teaching in Mathematics. *International Electronic Journal of Mathematics Education*, 16(3), em0663.
<https://doi.org/10.29333/iejme/11299>
- Druken, B. K., Marzocchi, A. S., & Brye, M. V. (2020). Facilitating collaboration between mathematics methods and content faculty through cross-departmental lesson study. *International Journal for Lesson and Learning Studies*, Vol. 10(1). 33-46. <https://doi.org/10.1108/IJLLS-06-2020-0033>
- Gautreau, C., Vander Veldt Brye, M., Sinjini, M., Winstead, L. (2019). Engaging Latinx students in STEM learning through chemistry concepts. *Journal of Latinos and Education*, DOI: [10.1080/15348431.2019.1685526](https://doi.org/10.1080/15348431.2019.1685526)
- Gautreau, C., Vander Veldt, M., Lunceford, C., (2016). Mathematics-related anxiety and attitudes: Examining the impact among Latina pre-service teachers. *Journal of Latinos and Education*, 15(1), 26-38.
- Ponder, J., Vander Veldt, M., & Lewis-Ferrell, G. (Fall 2011). Citizenship, curriculum, and critical thinking beyond the four walls of the classroom: Linking the academic content with service learning. *Teacher Education Quarterly*, 38(4), 45-68.
- Olafson, L., Schraw, G., & Vander Veldt, M., & Ponder, J. (Spring 2011). Worth the hassles: The impact of social action projects on teachers' beliefs and practices. *Action in Teacher Education*, 33(1), 108-124.
- Olafson, L., Schraw, G., & Vander Veldt, M. (2010). Consistency and development of teachers' epistemological and ontological world views. *Learning Environments Research*, 13(3), 243-266.
- Schraw, G., Olafson, L., & Vander Veldt, M., & Ponder, J. (2010). Teachers' epistemological stances and citizenship education. *In Factis Pax*, 4(1), 78-107.
- Vander Veldt, M., & Ponder, J. (March, 2010). Implementing social action curriculum in an elementary classroom: Reflections from the journey. *Social Studies Research and Practice*, 5(10), 45-57.
- Ponder, J., Vander Veldt, M., & Lewis-Ferrell, G. (2009). Lessons from the journey: Exploring citizenship through active civic involvement. *The Sophist's Bane*, 5(1), 37-44.
- Kivisto, D. & Vander Veldt, M. (2009). Strategies for improving communication in the mathematics classroom. *CMC ComMunicator*, 33(4), 26-30.

Refereed journal articles under review Total: 1

- Winstead, L., Shehab, H., & Brye M. V. (under review, *Journal of Learning and Instruction*). Enhancing Teacher Awareness through Critical Reflection: Facets of Development, Growth, Advocacy, and Self-Characterization.

Book chapters, Book Editor, Government Reports, and Book Reviewer Total: 8

- Schraw, G., Brownlee, J., Olafson, L., & Brye, M. (Eds.) (2017). *Teachers' personal epistemologies: Evolving models for transforming practice*. Charlotte, NC: Information Age Press.
- Schraw, G., Olafson, L., & VanderVeldt, M. (2017). Teaching knowledge and beliefs in preservice teacher. In Schraw, G., Brownlee, J., Olafson, L., & Brye, M. (Eds.) (2017). *Teachers' personal epistemologies: Evolving models for transforming practice* (pp. 323-350). Charlotte, NC: Information Age Press.

(Book reviewer – Michelle Vander Veldt Brye) Wang, C., & Winstead, L. (2016). *Handbook of Research on Foreign*

Language Education in the Digital Age (pp. 1-460). Hershey, PA: IGI Global. doi:10.4018/978-1-5225-0177-0

Ponder, J., Vander Veldt, M., & Lewis-Ferrell (2011). Lessons from the journey. In Schultz, B. D. (ed.), *Listening to and learning from students: Possibilities for teaching, learning, and curriculum*. Charlotte, NC: Information Age Publishing.

Schraw, G., Olafson, L., & VanderVeldt, M. (2011). Fostering critical awareness of teachers' epistemological and ontological beliefs. In J. Brownlee, G. Schraw, & D. Berthelsen (ed.), *Personal epistemology and teacher education*. New York, NY: Routledge Publishers.

Schraw, G., Olafson, L., & Vander Veldt, M. (2011). Epistemological development and learning. In Seel, N. (ed.). *Encyclopedia of the sciences of learning*. Springer Publications.

Schraw, G., Vander Veldt, M., & Olafson, L. (2009). Knowledge. In Anderman, E. (ed.). *Psychology of classroom learning: An encyclopedia*. Detroit: Macmillan References USA.

Schraw, G., Olafson, L., & Vander Veldt, M. (2008). Final report to the U.S. Virgin Islands Department of Education: Alignment of Grades 3-8 and 11 Mathematics and Reading Iowa Test of Basic Skills (ITBS) and VIDE Augmented Criterion Referenced Tests.

Peer reviewed presentations at international and national conferences Total: 25

Marzocchi, A. S. & Druken, B.K., & Brye, M.V. (2017, October). *Navigating Symmetry: On a Quest for Reflections & Rotations*. Presentation at the 2017 California Mathematics Council South 58th Annual Mathematics Conference, Palm Springs, CA.

Marzocchi, A.S., Druken, B.K., & Brye, M.V. (2017, April). *Using manipulatives to deepen understanding of CCSS fraction progressions*. Presentation at the annual meeting of the *National Council of Teachers of Mathematics*, San Antonio, Texas.

Druken, B.K., Marzocchi, A.S., & Brye, M.V. (2017, February). *Using lesson study as a tool for collaboration between mathematics content and methods faculty*. Presentation at the 21st annual meeting of the *Association of Mathematics Teacher Educators*, Orlando, Florida.

VanderVeldt Brye, M., Gautreau, C., Sinjini, .M, Winstead, L. (2016). *Expanding the STEM Pipeline: Patching the Leak*. Presentation at the Annual Meeting of the Hawaii International Conference on Education, Honolulu, Hawaii.

VanderVeldt Brye, M., Gautreau, C., Cox-Petersen, A.M., Grant, M. (2015). *Fostering Professional Development for Informal Science Educators*. Presentation at the Annual Meeting of the Hawaii International Conference on Education, Honolulu, Hawaii.

Cox-Petersen, A.M., Vander Veldt, M., & Grant, M. (2014). *Building Capacity for Science Education: Professional Development, Collaboration, and Shared Learning*. Presentation at the Annual Meeting of American Education Research Association, Philadelphia, Pennsylvania.

Cox-Petersen, A.M., Grant, M., Tran, N., & Vander Veldt, M. (2013). *Professional Development for Informal Science Educators: A Collaborative Model*. Presentation at the Annual Meeting of the National Association for Research in Science Teaching, Rio Grande, Puerto Rico.

Olafson, L., Schraw, G., & Vander Veldt, M. (2012). *The Filtering Function of Teacher Beliefs*. Presentation at the Annual Meeting of American Education Research Association, Vancouver, British Columbia, Canada.

Schraw, G., Olafson, L., & Vander Veldt, M. (2011). *Promoting reflective awareness of teachers' epistemological and ontological beliefs*. Presentation at the Annual Meeting of the European Association for Research on Learning and Instruction, Exeter, United Kingdom.

- Schraw, G., Olafson, L., & Vander Veldt, M. (2011). *Fostering critical awareness of teachers' epistemological and ontological beliefs*. Presentation at the Annual Meeting of American Education Research Association, New Orleans, Louisiana.
- Schraw, G., Olafson, L., & Vander Veldt, M. (2010). *Changes in practicing teachers' epistemological and ontological beliefs*. Presentation at the Annual Meeting of American Education Research Association, Denver, Colorado.
- Vander Veldt, M., Ponder, J., & Lewis-Ferrell, G. (2010). *Implementing social action curriculum: The journey begins*. Presentation at the Annual Meeting of American Education Research Association, Denver, Colorado.
- Schraw, G., Olafson, L., & Vander Veldt, M. (2009). *Changes in teachers' epistemological stances during a one semester graduate course*. Presentation at the Annual Meeting of the European Association for Research on Learning and Instruction, Amsterdam, Holland.
- Schraw, G., Olafson, L., Vander Veldt, M., & Ponder, J. (2009). *Teachers' epistemological stances and citizenship education*. Presentation at the Annual Meeting of the European Association for Research on Learning and Instruction, Amsterdam, Holland.
- Ponder, J., Lewis-Ferrell, G., & Vander Veldt, M. (2009). *Closing the loop in civic education: From teacher education, to professional development, to student learning in the elementary classroom*. Presentation at the Annual Meeting of American Education Research Association, San Diego, California.
- Olafson, L., Schraw, G., & Vander Veldt, M. (2009). *Examining the relationship between teacher efficacy, epistemological beliefs, and ontological beliefs*. Presentation at the Annual Meeting of American Education Research Association, San Diego, California.
- Vander Veldt, M., Ponder, J., & Kivisto, D. (2009). *Communication in mathematics*. Presentation at the Annual Meeting of the Association of Teacher Educators, Dallas, Texas.
- Vander Veldt, M., Olafson, L., & Schraw, G. (2008). *Examining epistemological and ontological measures*. Presentation at the Annual Meeting of American Education Research Association, New York, New York.
- Vander Veldt, M., Olafson, L., & Schraw, G. (2008). *Investigating teachers' epistemological beliefs*. Presentation at the Annual Meeting of the Association of Teacher Educators, New Orleans, Louisiana.
- Schraw, G., Olafson, L., & Vander Veldt, M. (2007). *A comparison of four different measures of epistemological beliefs*. Presentation at the Annual Meeting of the European Association for Research on Learning and Instruction, Budapest, Hungary.
- Vander Veldt, M., Olafson, L., Schraw, G., & Quinn, L. (2007). *Mathematics teachers' beliefs and instructional practices*. Presentation at the Annual Meeting of American Education Research Association, Chicago, Illinois.
- Vander Veldt, M. (2007). *Examining the relationship between teachers' beliefs in mathematics and their instructional practices*. Presentation at the Annual Meeting of the Association of Teacher Educators, San Diego, California.
- Vander Veldt, M. (2006). *Exploring the relationship between teachers' beliefs in mathematics and their instructional practices*. Presentation at the Annual Meeting of the Research Council for Mathematics Learning, Las Vegas, Nevada.
- Gallavan, N., Brantley, D., Cimpoeru, C., Colbrook, T., Garcia, J., Kyles, C., Richards, D., Sas, M., & Vander Veldt, M. (2003). *Hearing voices of eight teacher educator interns*. Presentation at the Annual Meeting of the Association of Teacher Educators, Santa Fe, New Mexico.

Michelle Vander Veldt Brye
Curriculum Vita

Gallavan, N. P., & Vander Veldt, M. (1998). *Discover the world and explore geography through children's literature*. Presentation at the Annual meeting of the National Council for the Social Studies, Anaheim, California.

Peer reviewed presentations at regional conference

Total: 6

Vander Veldt, M. (2009, October). *Informed citizenship and the role of personal epistemology: A working session*. Presented as the Southwest Consortium for Innovative Psychology in Education Third Bi-Annual Conference 2009, Las Vegas, Nevada.

Vander Veldt, M., Ponder, J., Olafson, L., & Schraw, G. (2009, October). *Examining citizenship education and the relationship to teacher beliefs*. Presentation at the Regional Conference of the Northern Rocky Mountain Education Research Association, Jackson Hole, Wyoming.

Vander Veldt, M., Ponder, J., & Lewis-Ferrell, G.D. (2008, October). *Change education, change the world: Examining civic knowledge, skills and dispositions*. Presentation at the Regional Conference of the Northern Rocky Mountain Education Research Association, Lake Tahoe, Nevada.

Vander Veldt, M., Olafson, L., & Schraw, G. (2008, October). *Relationships between teacher educators' beliefs and their students' beliefs*. Presentation at the Regional Conference of the Northern Rocky Mountain Education Research Association, Lake Tahoe, Nevada.

Vander Veldt, M. (2008, November). *Building a system of tens*. Presentation at the Regional Conference of the National Council of Teachers of Mathematics, Reno, Nevada.

Olafson, L., Vander Veldt, M., & Schraw, G. (2007, October). *Examining the consistency of epistemological beliefs*. Presentation at the Regional Conference of the Northern Rocky Mountain Education Research Association, Jackson Hole, Wyoming.

Other presentations

Total: 21

Brye, M. V. (2020, November). *Disrupting Inequities in Mathematics*. Webinar for Elementary Teachers, EDEL Webinar Series, Center for Creativity and Critical Thinking.

Brye, M. V. (2020, January). *Using FlipGrid for Fieldwork Reflections*. Spring Clinical Coach retreat, EDEL Department, COE, CSUF.

Brye, M. V., Gautreau, C., & Cox-Petersen, A. (2015, September). *Fostering Professional Partnerships between Universities and Informal Science Institutions*. Colloquium/Roundtable Hot Topic Session Sponsored by the College of Education, CSUF.

Gautreau, C., & Vander Veldt, M. (2012, December). *Mathematics-related anxiety and attitudes: The impact among Latina and non-Latina pre-service teachers*. Colloquium Sponsored by The Center for Research on Educational Access and Leadership (C-REAL) at CSUF.

Vander Veldt, M., & Bennett, D. (2012, May). Promoting inquiry and differentiating instruction to enhance science learning. Informal Science Instructors Workshops Sponsored by Boeing, Aquarium of the Pacific, Long Beach, California.

Vander Veldt, M., & Bennett, D. (2012, May). Promoting inquiry and differentiating instruction to enhance science learning. Informal Science Instructors Workshops Sponsored by Boeing, Ocean Institute, Dana Point, California.

Vander Veldt, M., & Grier, J. (2011, May). *Science literacy: Enhancing academic language*. Science Professional Development Workshops Sponsored by Boeing, Channel Islands National Park, California.

Michelle Vander Veldt Brye
Curriculum Vita

- Vander Veldt, M., & Grier, J. (2011, April). *Enhancing science inquiry*. Science Professional Development Workshops Sponsored by Boeing, Channel Islands National Park, California.
- Vander Veldt, M. (2010, November). *Service learning project for your students*. Presentation at the Fourteenth Annual Road to Teaching Conference, Santa Ana, California.
- Vander Veldt, M. (2009, November). *Active learning techniques*. Faculty Development Center: Teaching and Learning Academy, California State University, Fullerton.
- Vander Veldt, M. (2009, November). Southwest Consortium for Innovative Psychology in Education (SCIPIE). Session moderator for *Informed citizenship and the role of personal epistemology: A working session*.
- Vander Veldt, M. (2009, March). *Active learning techniques*. Presentation for the OSOKA visiting scholars, California State University, Fullerton.
- Vander Veldt, M. (2009, February). *Active learning techniques*. Presentation for the SOKA visiting scholars, California State University, Fullerton.
- Vander Veldt, M. (2009, January). *Active learning techniques*. Presentation for the TUFU visiting scholars, California State University, Fullerton.
- Vander Veldt, M. (2008, November). *Active learning techniques*. Faculty Development Center: Teaching and Learning Academy, California State University, Fullerton.
- Vander Veldt, M. (2008, November). *Inquiry through the force of magnets*. Presentation at the Twelfth Annual Road to Teaching Conference, Santa Ana, California.
- Vander Veldt, M. (2008, November). *Teachers tell it all: New and Veteran teachers' panel*. Presentation at the Twelfth Annual Road to Teaching Conference, Santa Ana, California.
- Vander Veldt, M. (2007, November). *Scientific inquiry: Supporting weight*. Presentation at the Eleventh Annual Road to Teaching Conference, Santa Ana, California.
- Vander Veldt, M. (2007, March). *Problem solving and representation strategies for multiplication*. Presentation at the Orange County Mathematics Conference, Orange County, California.
- Vander Veldt, M. (2006, November). *Science inquiry*. Presentation at Orange County Science Education Association "Solving Mysteries Using Science" Conference, Orange County, California.
- Vander Veldt, M. & Roth, M. (2004, February). *Multiple strategies for problem solving*. Presentation at the Southern Nevada Mathematics Council's Silver Anniversary Mathematics Conference.
- Vander Veldt, M. (2000, April). *Bright Grant: Differentiated curriculum and curriculum compacting*. Presentation at Roger Bryan Elementary School, Las Vegas, Nevada.

Grants

Total: 17

- 2015-2018, Ellis, M., Brye, M. V., Druken, B., & Marzocchi A., Cross-departmental lesson study. Supported by the Betchel grant.
- 2010-2014, Cox-Petersen, A.M., Grant, M., & Vander Veldt, M, Building ISI capacity to support science teaching through professional development. Submitted to the Boeing Company.

Michelle Vander Veldt Brye
Curriculum Vita

- 2014 – Spring 2014 Catalyst Research Award, Center for Advancement of Research on Teaching and Learning Mathematics and Science (Catalyst Center), 3 unit release time.
- 2014 – Spring 2012, STEM Pipeline Project community-based research project, mini-grant from the Center for Internship & Community Engagement, CSUF.
- 2012 – Spring 2012, Curriculum Writer for Girl's Incorporated Eureka grant
- 2012 – Fall 2012 Catalyst Research Award, Center for Advancement of Research on Teaching and Learning Mathematics and Science (Catalyst Center), 3 unit release time.
- 2011 – Fall 2011 , College of Education Faculty Research Grant, *Teachers' Epistemological Beliefs: Evolving Models for Transforming Practice*, 3 unit release time
- 2011 – Summer 2011, Faculty Development Center (CSUF), Office of University Research, Initiatives and Partnerships, College of Health & Human Development and Health Promotion Research Institute. Funding My Research: A Federal Grant Writing Series.
- 2011 – Faculty Enhancement and Instructional Development (with Dr. Cynthia Gautreau), Faculty Development Center Board.
- 2011 – University Missions and Goals Initiative (with Dr. Cynthia Gautreau), Expanding Math Access for All (\$33,000 Funded). Department of the President.
- 2011 – Incentive Intramural Research Award (with Dr. Cynthia Gautreau), (\$8,037 Funded). CSU Special Fund for Research, Scholarship, Creative Activity, and Possible External Funding.
- 2011 – Spring 2011, College of Education Faculty Research Grant, An Analysis of Pre-Service Teachers' Mathematics Related Anxiety, 3 unit release time
- 2009 – Instructionally Related Activities Fund (with Dr. Jennifer Ponder), Social action curriculum connections (\$3,290 Funded). CSUF Instructionally Related Activities.
- 2009 – Summer Stipend Faculty Research Award (with Dr. Jennifer Ponder), Closing the loop: From teacher education to student learning (\$5732 Funded). CSU Special Fund for Research, Scholarship, and Creative Activity.
- 2007 – International Travel Grant (\$500.00 Funded). CSUF Office of Faculty Development Center.
- 2007 – Probationary Faculty Stipend to Support Research/Creative Projects (\$6,500.00 Funded). CSUF Office of Faculty Development Center.
- 2006 – Active Learning: Using Mathematics Manipulatives in the Elementary School (\$200 Funded). CSUF Faculty Development Center. Purchased mathematics manipulatives for math methods instruction.

Service

Professional

Action in Teacher Education. Journal reviewer (2020-2021)
Anaheim Ducks Educational Outreach Partnership, (2017-2020)
Irvine Ranch Outdoor Education Center Partnership, (2017-2020)
Titan EDUCATOR Partnership, (2015-2019)
Antioch University Capstone Advisor (2016-2017)
Summer Pipeline Project – (2014-2015)
Boeing: California State University/Informal Science Institution Partnership (2011-2014).
CSU-ISI Collaborative Symposium to Promote Science Education (2012-2013)

Northern Rocky Mountain Research Association. Executive Board: At-Large Representative (2007-2011).
Social Studies Research and Practice Journal – Reviewer (2010-2011).
School Science and Mathematics Journal – Reviewer (2008-2010).
Northern Rocky Mountain Educational Research Association. Proposal reviewer for regional conferences (2008-current).
National Council of Teachers of Mathematics. Committee member for the regional conference (2007- 2008).
National Council of Teachers of Mathematics. Proposal reviewer for regional conference (November, 2008).
Delta Education & Full Options Science System (FOSS) Consultant (2007).

University

Advisor for Samuelli Academy Alumni Association. 2019-2020.
Mentor for Senior Honors Project. 2019-2020.
University Curriculum Committee. Spring 2014.
Center for Advancement of Research on Teaching and Learning Mathematics and Science (Catalyst Center). 2011-2017.
Reviewer for Faculty Development Center. 2011-2013.
University Honors Program Colloquium Speaker. 2011.
Mentor for Senior Honors Project. 2009-2010.
Active Learning Techniques Presentations. 2008-2009.
Faculty Development Center: Summer Teaching Institute Presentation. 2008.
Faculty Hearing Committee. 2008-current.

College

College of Education: Assessment Committee. 2008-2009. Assessment Committee. 2020-2021
MSIDT Personal Committee. Spring 2020.
Strategic Partnership Task Force. 2012-2015.
College of Education: Curriculum Committee. 2009-2013, (Chair 2011-2012, Co-Chair 2012-2013).
Mathematics Instructional Added Authorization and Mathematics Instructional Leader Specialist advanced credentials
Technical Assistance Committee. 2011.
Dean's task force for Special Education. 2008.
Math Education Collaborative. 2008-2009.
College of Education Center for Creativity and Critical Thinking in Education: Strategic Planning. 2008.
Collecting artifacts for the NCATE accreditation review 2007.

Department

MSCP Student Interviews (2006-current)
Department Personal Committee. 2013-2016. 2017-2018. Chair 2015-2016. Chair 2019-2020. Chair 2020-2021.
EDEL MSCP/Combined Program Hybrid Model Leadership team. 2020-2021.
Search Committee. Chair 2018-2019
Professional Learning Community "Technology Integration in Teacher Education" 2017-2020.
Block Leader and Clinical Coach, Titan EDUCATOR, Bechtel Grant, 2016-2019
Graduate Committee. 2012-2019. Chair 2012-2013. Chair 2020-2021.
Block Leader. 2010-2012. 2016-2017. 2017-2018. 2018-2019. 2019-2020.
Multiple Subject Credential Program Mathematics course custodian 2007-2020.
Graduate Advising. 2008-current.
Graduate Program presenter. 2009.
Mentor for Honors thesis project. 2009. 2019-2020.
Multiple Subject Credential Program student interviewer 2007-current.
California Teacher Performance Assessor (tasks 1, 2 & 4) 2006-2018.

Community

El Toro Parent Teacher Student Association, 2018-2020.
Serrano Parent Teacher Student Association, 2017-2020.
State of California, Department of Social Services Foster Family Home License. 2015-2018.
Celebrating Families Event. County of Orange, California. 2014-2015.
Co-director of the Summer STEM Pipeline Program at Richman Elementary School. 2014.
Co-director of the Expanding Math Access for All (EMAA). 2008-2014.
Facilitator, Science Professional Development Workshops for Informal Science Educators. 2010-2014.

Member of Assistance League of Tustin. 2007-present.
Road to Teaching Conference. Presenter. 2007, 2008 and 2010.
Races to raise money for charities: Race for the Cure & Dinosaur Dash. 2007-2008.
Orange County Science Education Association. Presenter 2007.
Orange County Mathematics Education Association. Presenter 2007.
Volunteer for Actors and Others for Animals. 2007.

Professional Associations and Development

Professional Associations

European Association for Research on Learning and Instruction (EARLI)
American Educational Research Association (AERA)

- AERA Division K – Teaching and Teacher Education
- AERA Division C – Learning and Instruction

National Council of Teachers of Mathematics (NCTM)
Association of Teacher Educators (ATE)
Northern Rocky Mountain Education Research Association (NRMERA)
California Association of Mathematics Teacher Educators (CAMTE)
School Science and Mathematics Association (SSMA)

Professional Development

2021	Keeping the Good Stuff: Integrating Online Components into your Face-to_Face (F2F) Classroom, Faculty Development Center CSUF
2021	Intermediate Synchronous Remote Teaching in Canvas Workshop, Faculty Development Center CSUF
2020	Flipgrid in Canvas – How to Use and Integrate Flipgrid with Canvas, Faculty Development Center CSUF
2020	Zoom Basics – An Introduction to the Use of Zoom for Our Online Classrooms: IMPACT certificate workshops, Faculty Development Center CSUF
2020	UCLA Teacher Education Program Introduction to K-12 Ethnic Studies Summer Webinars Series for Teachers, Ethnic Studies Pedagogy in Math and Science
2020	Teaching Remotely – Canvas , CSUF Workshop, Beginner Course, Kelly Ruppert
2020	Teaching Works 2020 Virtual Summer Institute, “Get Up, Stand Up”: Fighting Systematic Injustice Through Teaching, Presenter – Dr. Deborah Loewenberg Ball, University of Michigan
2020	EDEL Summer 2020 Professional Learning Community, Canvas
2017-2020	EDEL Professional Learning Community, Titanium Community
2015-2018	Math Lesson Study, cross-college co-teaching collaboration, College of Natural Sciences and Mathematics and College of Education (CSUF), Betchel grant.
2012	Funding my Research –Phases II and III
2011	Faculty Development Center (CSUF), Office of University Research, Initiatives and Partnerships, College of Health & Human Development and Health Promotion Research Institute Funding My Research: A Federal Grant Writing Series, Fullerton, CA
2011	Faculty Development Center (CSUF) TITANIum Basics: Setting Up Your Course Site Using Best

Michelle Vander Veldt Brye
Curriculum Vita

	Practices
2011	Faculty Development Center (CSUF) TITANium at a Glance training, Fullerton, CA
2011	Seeds of Science and Roots of Reading Institute, Fullerton, CA
2008	Faculty Development Center (CSUF) Summer Institute; Fullerton, CA
2008	Training Session hosted by Project GPS2; Fullerton, CA
2008	CUS Security Awareness Training; Fullerton, CA
2007	Center for Social Studies and International Education at Indiana University – seventh annual R. Freeman Butts Institute on Civic Learning in Teacher Education; Bloomington, IN
2007	American Education Research Association (AERA) Division K New Faculty Seminar 2007; Chicago, IL
2007	Center for Civic Education – A We the People Seminar for Professors of Education; Calabasas, CA
2007	Participant in the Full Optional Science System (FOSS) California Consultant Meeting Delta Education and the Lawrence Hall of Science at the University of California Berkeley
2007	Participant in the Deans' Workshop on Preparation of the Tenure Portfolio CSUF College of Health and Human Development Untenured Faculty and Full-time Lecture Organization
2006	Project Learning Tree Workshop; Fullerton, CA
2006	Faculty Development Center (CSUF) Grants Workshop; Fullerton, CA
2006	Blackboard: Discussion Board Tool and Group Pages (CSUF -FDC); Fullerton, CA
2006	Intramural Grant Workshop (CSUF); Fullerton, CA

Faculty and Administrative Load

Spring 2021	EDEL 529 Graduate Studies: Learning Theory for Classroom Use (3)
	EDEL 532 Graduate Studies in Elementary Education Mathematics (3)
	Graduate Coordinator (3)
	Block Leader – Release time (1)
	EDEL 439 Clinical Coach (1)
Fall 2020	EDEL 435 Mathematics Curriculum and Instruction (6) 2 sections
	EDEL 532 Graduate Studies in Elementary Education Mathematics (3)
	Graduate Coordinator (3)
	Block Leader – Release time (1)
Spring 2020	EDEL 436 Science Curriculum and Instruction (8) 4 sections
	Block Leader – Release time (2)
	EDEL 438/439 Clinical Coach (2)
Fall 2019	EDEL 436 Science Curriculum and Instruction (2)
	EDEL 435 Mathematics Curriculum and Instruction (6) 2 sections
	Block Leader – Release time (2)

Michelle Vander Veldt Brye
Curriculum Vita

	EDEL 438/439 Clinical Coach	(2)
Spring 2019	EDEL 499/436 Titan EDUCATOR – Science	(6) 3 sections
	EDEL 435 Mathematics Curriculum and Instruction	(2)
	Block Leader – Release time	(2)
	Betchel grant release time – Math Lesson Study	(2)
Fall 2018	EDEL 532 Graduate Studies in Elementary Education Mathematics	(3)
	EDEL 499/436 Titan Pride – Mathematics	(6) 2 sections
	Block Leader – Release time	(2)
	Betchel grant release time	(1)
Spring 2018	EDEL 499/436 Titan EDUCATOR – Science	(9) 3 sections
	Block Leader – Release time	(1)
	Lead Clinical Coach	(2)
Fall 2017	EDEL 532 Graduate Studies in Elementary Education: Mathematics	(3)
	EDEL 499/436 Titan Pride – Mathematics	(3)
	Block Leader – Release time	(1)
	EDEL 439 Supervision – Student Teaching	(1)
	Betchel grant release time – Clinical Coach for Math Lesson Study	(1)
	Emma E. Holmes Faculty Fellowship	(3)
Spring 2017	EDEL 499/436 Titan Pride –Science	(3)
	Block Leader – Release time	(1)
	EDEL 439 Supervision – Student Teaching (Parental leave 40% reduction)	(2)
Fall 2016	EDEL 532 Graduate Studies in Elementary Education: Mathematics	(3)
	EDEL 499/435 Titan Pride - Mathematics C&I Pilot	(3)
	Block Leader- Release time (Parental leave 40% reduction)	(1)
Spring 2016	EDEL 499/436 Titan Pride –Science C&I Pilot	(3)
	EDEL 435 Mathematics Curriculum and Instruction	(2)
	EDEL 439 Supervision – Student Teaching	(1)
	Teaching Performance Assessment (TPA) Coordinator	(4)
Fall 2015	EDEL 532 Graduate Studies in Elementary Education: Mathematics	(3)
	EDEL 594 Research Seminar	(3)
	EDEL 436 Science Curriculum and Instruction	(2)
	EDEL 499/435 Titan Pride - Mathematics C&I Pilot	(3)
	Teaching Performance Assessment (TPA) Coordinator	(3)
Spring 2015	Sabbatical	
Fall 2014	EDEL 532 Graduate Studies in Elementary Education: Mathematics	(3)
	EDEL 436 Science Curriculum and Instruction	(2)
	Teaching Performance Assessment (TPA) Coordinator	(4)
	Boeing Grant – Release time	(3)

Michelle Vander Veldt Brye
Curriculum Vita

Spring 2014	EDEL 548	Early Childhood Education in Math, Science and Social Studies	(6) 2 sections
	EDEL 436	Science Curriculum and Instruction	(2)
		Catalyst Research Award – Release time	(3)
		Boeing Grant – Release time	(1)
Fall 2013	EDEL 532	Graduate Studies in Elementary Education: Mathematics	(3)
	EDEL 594	Research Seminar	(3)
	EDEL 436	Science Curriculum and Instruction	(2)
		Teaching Performance Assessment (TPA) Coordinator	(4)
Spring 2013	EDEL 548	Early Childhood Education in Math, Science and Social Studies	(6) 2 sections
	EDEL 435	Mathematics Curriculum and Instruction	(2)
		Graduate Coordinator	(3)
		Boeing Grant – Release time	(1)
Fall 2012	EDEL 532	Graduate Studies in Elementary Education: Mathematics	(3)
	EDEL 548	Early Childhood Education in Math, Science and Social Studies	(3)
	EDEL 435	Mathematics Curriculum and Instruction	(2)
	EDEL 436	Science Curriculum and Instruction	(2)
		Block Leader – Release time	(1)
		Catalyst Research Award – Release time	(3)
Spring 2012	EDEL 548	Early Childhood Education in Math, Science and Social Studies	(6) 2 sections
	EDEL 435	Mathematics Curriculum and Instruction	(2)
		Block Leader – Release time	(1)
		Missions and Goals Grant Research – Release time	(3)
Fall 2011	EDEL 532	Graduate Studies in Elementary Education: Mathematics	(6) 2 sections
	EDEL 436	Science Curriculum and Instruction	(2)
		Block Leader – Release time	(1)
		Dean's Research – Release time	(3)
Spring 2011	EDEL 548	Early Childhood Education in Math, Science and Social Studies	(6) 2 sections
	EDEL 435	Mathematics Curriculum and Instruction	(2)
		Block Leader – Release time	(1)
		Dean's Research – Release time	(3)
Fall 2010	EDEL 532	Graduate Studies in Elementary Education: Mathematics	(3)
	EDEL 436	Science Curriculum and Instruction	(2) 2 sections
	EDEL 435	Mathematics Curriculum and Instruction	(2)
	EDEL 453	Teaching Performance Assessment	(1)
	EDEL 439	Supervision: Student Teaching	(1)
		Block Leader - Release time	(1)
Summer 2010	EDEL 571	Science Practicum (Collaboration)	(1)

Michelle Vander Veldt Brye
Curriculum Vita

Spring 2010	EDEL 521	The Study of Teaching	(3)
	EDEL 435	Mathematics Curriculum and Instruction	(2)
	EDEL 453	Teaching Performance Assessment	(1)
	EDEL 439	Supervision: Student Teaching	(1)
	Block Leader - Release time		(1)
	Math Collaborative- Release time		(1)
	Convert EDEL 532 to on-line – Release time		(3)
Fall 2009	EDEL 532	Graduate Studies in Elementary Education: Mathematics	(3)
	EDEL 435	Mathematics Curriculum and Instruction	(2) 2 sections
	EDEL 499	Teaching Performance Assessment	(1) 2 sections
	Overload from Fall 07		(1)
	Math Collaborative- Release time		(2)
Spring 2009	EDEL 534	Graduate Studies in Elementary Education: Social Studies	(3)
	EDEL 532	Graduate Studies in Elementary Education: Mathematics	(3)
Fall 2008	EDEL 435	Mathematics Curriculum and Instruction	(3) 2 sections
	EDEL 521	The Study of Teaching	(3)
	EDEL 532	Graduate Studies in Elementary Education: Mathematics	(3)
	EDEL 435	Mathematics Curriculum and Instruction	(4) 2 sections
	EDEL 499	Teaching Performance Assessment	(2) 2 sections
Spring 2008	EDEL 532	Graduate Studies: Mathematics	(3)
	EDEL 435	Mathematics Curriculum and Instruction	(4) 2 sections
	EDEL 499	Teaching Performance Assessment	(2) 2 sections
	New faculty scholarship release time		(3)
Fall 2007	EDEL 532	Graduate Studies in Elementary Education: Mathematics	(3)
	EDEL 435	Mathematics Curriculum and Instruction	(6) 3 sections
	New faculty scholarship release time		(3)
Summer 2007	EDEL 532	Graduate Studies in Elementary Education: Mathematics	(3)
Spring 2007	EDEL 521	The Study of Teaching	(3)
	EDEL 435	Mathematics Curriculum and Instruction	(4) 2 sections
	EDEL 436	Science Curriculum and Instruction	(2)
	New course development release time		(3)
Fall 2006	EDEL 533	Graduate Studies: Science	(3)
	EDEL 438	Supervised Fieldwork	(2)
	EDEL 435	Mathematics Curriculum and Instruction	(2)
	EDEL 429	Integrated Curriculum and Instruction	(2)
	New faculty scholarship release time		(3)
Courses taught at other institutions			
2002-2005	Visiting Instructor for the University of Nevada, Las Vegas		

Michelle Vander Veldt Brye
Curriculum Vita

Courses taught include the following:

ICE 701 Effective Teaching Strategies (Graduate)

ICE 652 Teaching Elementary School Mathematics (Graduate-Bilingual Teachers)

ICE 452 Teaching Elementary School Mathematics (Undergraduate)

ICE 458 Teaching Elementary School Social Studies (Undergraduate)

ICG 315 Literature Selections for Children (Undergraduate)

Courses taught to the Ullom Elementary School Cohort Project (Grant by IBM):

ICG 315 Literature Selections for Children (Undergraduate)

ICE 455 Teaching Elementary School Mathematics (Undergraduate)

ICE 455 Teaching Elementary School Science (Undergraduate)

Practicum Supervisor

2001-2002 Teacher on Special Assignment with the Clark County School District and
Nova University "Project Grow" Instructor

Course taught include the following:

ELE 502: Methods of Teaching Math in Elementary School (Graduate)

ELE 602: Teaching of Science in the Elementary School (Graduate)

MAT 682: The K-12 Math Curriculum