

Melissa R. Carli, M.Ed

5639 Bear Stone Run · Oviedo · FL · 32765

melissa.carli@ucf.edu (954) 242-8732

Education

American College of Education

M.A. Educational Leadership Honors: Graduated *Cum Laude* GPA: 4.0

September 2017

University of Florida

Gainesville, FL

Master of Education Honors: Graduated *Cum Laude* GPA: 4.0

May 2010

PROteach: Elementary Education

Bachelor of Arts in Education Honors: Dean's List, President's List GPA: 3.97

May 2009

Professional Experience

University of Central Florida - Orlando, FL

Project Manager, Teacher Quality Partnerships

March 2019 - Present

- Recruit, develop, and retain diverse educators to work in Title 1 schools
- Foster partnerships with both internal departments and external organizations, including local school districts
- Coordinate recruitment efforts within the university and local school districts
- Develop and facilitate professional learning experiences for pre-service and in-service teachers (from teacher candidate through induction into the workforce)
- Facilitate multiple technical working groups, including Mathematics and Disciplinary Literacy, Social-Emotional Learning, and Wellness
- Conduct training on data-based coaching tools for university faculty
- Serve as an instructor for Mathematics for Teaching courses to undergraduate students
- Support interns within their placements by providing on-the-spot coaching and conducting observation cycles
- Develop and implement an enhanced partnership internship model
- Build relationships with leadership teams in targeted public schools in Orange County
- Plan and implement an annual Summer Institute for supervising teachers and intern teams
- Disseminate project results through journal publications and presentations at state and national conferences
- Analyze project data to continuously revise the enhanced partnership model
- Communicate with stakeholders through monthly newsletters, leadership meetings, and semi-annual Advisory Council meetings
- Mentor teacher leaders in their role as supervising teachers

Solution Tree and DNA Mathematics

Associate (Math/Science Focus)

June 2015 – Present

- Facilitate professional learning sessions for administration, instructional coaches, and teachers around math and science content for teaching
- Develop professional learning sessions based on audience needs
- Travel internationally to work with mathematics and science educators
- Coordinate with districts to identify professional learning needed

Lake County Schools Curriculum & Instruction - Howey-in-the-Hills, FL

Curriculum Specialist (Math/Science Focus)

July 2017 – March 2019

- Implement district-wide professional development, including a focus on mathematics and science content
- Provide school-wide professional development based on individual school needs
- Collaborate with school-based leadership teams to determine needed Curriculum support
- Coordinate with Curriculum & Instruction Department to provide needed services for each school
- Develop and maintain relationships with school-based leadership teams
- Facilitate collaborative planning sessions focused on planning for the implementation of standards-based instruction within mathematics and science courses
- Communicate with administration, coaches, and teachers regarding site visits and follow-up support

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- Facilitate the lesson study cycle with grade-level teams that allow for teacher reflection on instructional practices
- Provide coaching and mentoring support for school-based instructional coaches
- Analyze district and state assessment data to determine areas of strength and areas of growth for each school in the region
- Participate in monthly Principals' Meetings
- Monitor implementation of instructional strategies through learning walks with leadership teams
- Provide schools with resources aligned to state standards

Elementary Math Program Specialist

April 2014 – July 2017

- Generated, analyzed, and utilized district-wide data to develop opportunities for professional development in mathematics
- Developed the K-5 Lake County Math Scope & Sequence and facilitated a team of writers to create the blueprints
- Facilitated various writing teams, including developing district-wide common assessments and creating the KG Report Card
- Designed and facilitated content trainings for coaches and teachers
- Collaborated with leadership teams to support teachers in standards-based instruction using the 4 Critical PLC Questions
- Modeled Problem-Based Learning lessons in conjunction with creating a professional development video series
- Supported teachers in implementing the shifts in the MAFS by performing classroom walkthroughs with targeted feedback
- Conducted action research on district-wide progress monitoring program
- Coordinated district-wide events, such as the STEM (Science, Technology, Engineering, and Math) Bowl
- Monitored event budgets in relation to the purpose and goal of the event
- Organized and chaired meetings in preparation of district-wide events
- Assisted schools with meeting the Lake County STEM School Criteria
- Developed district-wide progress monitoring tools for Grades 3 – 8 Math
- Supervised the district-wide implementation of i-Ready Math
- Facilitated Elementary Math Textbook Adoption Committee

Paul R. Smith Middle School – Title I School, Holiday, FL

Math Instructional Trainer/Coach

June 2013 – April 2014

- Co-taught and modeled lessons to foster professional development in various instructional methods
- Facilitated weekly PLC meetings for 6th, 7th, and 8th grade teams through the use of the 4 Critical Questions
- Developed trainings based on the needs of the department with an emphasis on standards-based instruction and instructional strategies
- Fostered school-wide implementation of student data tracking sheets to help students monitor their own learning
- Served as a mentor to new teachers
- Assisted with the curriculum mapping and creation of district-wide sample high cognitive demand tasks for 6th grade
- Designed and implemented school-based trainings on unpacking a standard, the 8 Mathematical Practices, and common assessments
- Coordinated and hosted various family nights, including Pi Night, Technology Night, and Curriculum Fair

Math Department Head

August 2012– April 2014

- Implemented the use of common assessments and data analysis to increase achievement
- Managed textbook inventories and ordered math supplies/manipulatives for the department

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Math Teacher

August 2011–June 2013

- Implemented engaging lessons through the use of manipulatives, technology, cooperative learning, and problem-based learning
- Facilitated classroom and peer dialogue to create metacognitive problem-solvers
- Utilized cooperative learning structures to create engaging lessons
- Incorporated technology into the classroom through the use of CPS clickers, Google Documents, and IXL

Diamond View Elementary- Title I School, Greenacres, FL

August 2010 – June 2011

3rd Grade Teacher

- Utilized rotations and small group instruction to reach individual student needs across content areas
- Implemented daily interventions for struggling readers
- Collaborated with the third grade team to plan standards-based instruction
- Served as a capacity builder for the third grade team

Certifications/Endorsements

- Educational Leadership
- Elementary Education K-6
- Middle Grades Integrated Curriculum 5-9 (Math, Science, Social Studies, ELA)
- Reading and ESOL Endorsements

Presentations and Publications

- National Council of Teachers of Mathematics, Presenter
 - Small Group, Big Gains: Leading Effective Small Group Instruction (NCTM, 2019)
 - Linking Literacy and Mathematics (NCTM, 2019)
 - Making Connections, Cultivating Coherence: The Case of Fraction Operations (NCTM, 2018)
- Florida Council of Teachers of Mathematics, Presenter
 - Small Group, Big Gains: Leading Effective Small Group Instruction (FCTM, 2019)
 - Planning for High-Cognitive Demand Tasks within Professional Learning Communities (FCTM, 2015)
- Florida Association for Teacher Educators, Presenter
 - Reimagining Professional Learning through Partnerships (FATE, 2021)
 - Teaching “Smarter”, Not Harder (FATE, 2021)
- Lake County District Professional Learning, Facilitator
 - Lake Standards Academy (Lake County, 2017-2019)
 - Math Content Training (Lake County, 2015-2019)
 - Professional Learning Community Process (2015-2019)
 - Peer Coaching (Lake County, 2015)
- STEM (Science, Technology, Engineering, Math) Bowl, Developer and Coordinator (Lake County, 2015 – 2018)
- International Literacy Association, Attendee
- Dixon, J.K., Brooks, L.A, Carli, M.R. (2018) “Making Sense of Mathematics for Teaching the Small Group”
- Pike, L., Carli, M., (2020). Enhancing Teacher Preparation: Building Towards a Teacher Residency Model. Journal of the Southeastern Regional Association of Teacher Educators.
- Pike, L., Carli, M., (2022). Staying Virtually-Together: Enhancing Teacher Preparation Through Technology. Journal of the Southeastern Regional Association of Teacher Educators.
- Carli, M.R., Slanda, D. (2021) “‘Smart’ Classroom: 101 Ways to Teach with Alexa”
- Carli, M.R. (2021) “‘Smart’ Parenting: 101 Ways to Parent with Alexa”