



INSTRUCT & INSPIRE

Department of Curriculum and Instruction

Claudius G. Clemmer College of Education

Spring 2018

FAST IN CLASS. BEST IN CLASS.



New collaborative relationships provide earlier and expanded classroom teaching opportunities for CUI teacher-candidates.

Finding a job as a teacher, flourishing in the job of teaching: Both are vital goals that inform CUI's teacher-candidate preparation. For CUI graduates, the program's year-long clinical residencies provide extensive teaching experience to facilitate a rewarding and successful transition from college to classroom. And with CUI placement rates for graduates as high as 100%, teacher-candidates move into their own classrooms rapidly, equipped with the skills and experience that assure they will thrive.

Now, new collaborations with area school systems will provide CUI teacher-candidates expanded opportunities for even earlier and more diverse classroom experiences. The first, KAT Academy (Kingsport Academy for Teachers), offers an alternative residency option at Johnson Elementary School in the Kingsport City School System (KCS).

Along with additional hours in the classroom, the ten teacher-candidates selected for KAT Academy will have the option to participate in professional development offered by KCS

throughout the year. As a participant in the *Leader in Me* program, KCS provides a specialized leadership focus; in addition to receiving professional leadership development, candidates will also help to plan a school leadership event. KAT Academy's expanded residency hours and responsibilities include teaching reading as well as the opportunity to work as a substitute or an assistant teacher in different classrooms. Participants will also receive a stipend.

In Johnson City, a new collaborative agreement with the city school system is allowing teacher-candidates to receive training and employment as JCS substitute teachers prior to graduation, so that they can earn as they learn.

"Meaningful pre-professional experience is key to success in the classroom, and as we expand our CUI network of collaborative relationships, our teacher-candidates will find convenient opportunities across the region."

—Dr. Karin Keith,
Department Chair



Literacy is now conceptualized as two sets of competencies: **Skills-based**, or constrained, that are learned once; and **knowledge-based**, or unconstrained, competencies that continue to develop over a lifetime.

OPENING OPPORTUNITY

CUAI implements literacy standards for global success.

In today's fast-moving global marketplace where new skills and knowledge are demanded continually, CUI's literacy education has already evolved to meet the challenge. Thus, implementing the new Teaching Literacy in Tennessee standards has largely involved the alignment of terminology and course division, and the replacement of basal reader assignments with the unit starters mandated by the standards.

"The changes that we've made will ensure a seamless transition for our teacher-candidates once they're working in their own classrooms," notes Dr. Karin Keith, CUI Department Chair and Reading Program Coordinator, who worked with Dr. Renee Moran, Assistant Professor of Reading, to implement the revisions. A seamless transition for teacher-candidates means a successful transition for Tennessee students graduating college- and career-ready!

MAKING SPACE *CUAI-University School project explores Women of NASA.*

As NASA continues its mission of solar system exploration, K-12 students are enjoying new learning opportunities in previously unexplored directions in space history and social studies, thanks to educators like Dr. Lori Meier, CUI Associate Professor. As a NASA/JPL Solar System Ambassador, Dr. Meier is helping to make space in the curriculum for NASA-centered subjects including female space pioneers. During Women's History month, she collaborated with CUI's K-5 Elementary Education teacher-candidates and Ms. Andrea Lowery, 4th grade teacher at University School, to present five social studies learning centers



focused on the outstanding contribution of diverse women in space history. The subjects included astronauts and other various scientists, such

as Katherine Johnson, Nancy Grace Roman, Sally Ride, Mae Jemison, and Margaret Hamilton.

During the one-day event, University School 4th graders rotated through the five stations, completing hands-on activities; they also received a NASA stamp for their "passports" and collected various NASA lithographs. Participating CUI teacher-candidates included Maria Dias, Suzanne Watson, Shelby Belcher, Summer Bosse, Bethany Braden, and Lauren May.

"We look forward to bringing Women in NASA to other grades and other schools."

—Dr. Lori Meier

MAKING WAVES

Presentations by CUIAI faculty bring interdisciplinary engagement and excitement to NSTA spring conference.

From left: Dr. Laura Robertson, Ms. Diana O'Neal, Dr. Chih-Che Tai, Dr. Karin Keith, and Ms. Renee Moran. Not pictured: Ms. Renee Lyons.



From sound and waves to trips and treks for endangered species, CUIAI-led presentations brought interdisciplinary integration to the 2018 National Science Teachers Association Spring 2018 conference. Presentations included:

Forces and Motion (PS2): An Integrated K–8 Hands-On Approach Supporting the NGSS and CCSS ELA

Presented by CUIAI Faculty Dr. Chih-Che Tai and Dr. Karin Keith; and Ms. Diana O'Neal, Sulphur Springs Elementary School.

Sound and Waves (PS4): An Integrated K–8 Hands-On Approach Supporting the NGSS and CCSS ELA

Presented by CUIAI faculty Dr. Chih-Che Tai, Ms. Renee Moran and Dr. Karin Keith; and Ms. Ruth Leonard, Sullivan County Schools.

Trips and Treks: Teaching Endangered Species Through Literature

Presented by CUIAI Faculty Ms. Renee Lyons.

Heat, Energy, and Matter (CCC5, PS3): An Integrated Grades 3–12 Hands-On Approach Supporting the NGSS and CCSS ELA

Presented by Dr. Chih-Che Tai, Dr. Karin Keith and Ms. Renee Moran; and Ms. Gerri St. Clair, Sullivan South High School.

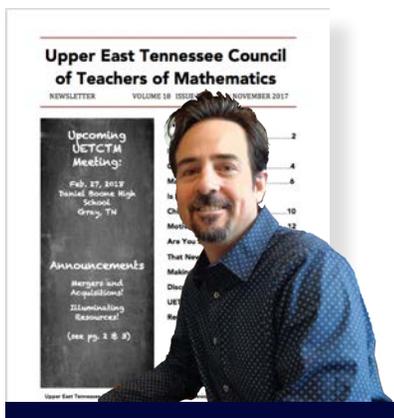
The Intersection of 5Es Instruction and the Claims, Evidence, and Reasoning Framework: A Hands-On Approach Supporting the NGSS in Upper Elementary Classrooms

Presented by CUIAI faculty Dr. Laura Robertson and Ms. Renee Moran; and University School faculty Ms. Andrea Lowery and Ms. Lindsay Lester.

You Turn Me On: Books to Teach Bioluminescence

Presented by Dr. Laura Robertson and Ms. Renee Lyons.

READ ALL ABOUT IT!



UETCTM Newsletter wins national recognition.

Congratulations to Dr. Ryan Nivens, editor of the Upper East Tennessee Council of Teachers of Mathematics (UETCTM) newsletter, accorded the 2018 Publication Award by the National Council of Teachers of Mathematics (NCTM).

The six-times yearly publication features current NCTM news and resources while showcasing the essays of teacher-participants enrolled in the East Tennessee

State/ Eastman Scholars Mathelites summer program. The essays reflect best practices in pedagogy from philosophical perspectives as well as practical in-classroom experience.

Over the 10 years Dr. Nivens has served as editor, the newsletter has published more than 335 essays. "It's been a great regional resource that we're now pleased to share nationally," he notes.

LAUNCHING DEEPER LEARNING

With project-based learning Indian Trail students enjoy real-world challenges and meaningful outcomes.



It was all systems go, with enthusiastic students ready to launch as Indian Trail Intermediate School (ITIS) began a week-long implementation of Project-Based Learning (PBL) focused on the planets, a collaborative effort by ITIS teaching teams with the guidance and support of Dr. Aimee Govett, CUI Assistant Professor and MAT

Graduate Coordinator, and Dr. Jamie Price, CUI Assistant Professor of Math Education.

An inquiry-based, student-centered pedagogy, PBL facilitates deeper understanding through the active exploration and investigation of a real-world challenge. After Dr. Price led a one-day workshop for 5th and 6th grade ITIS teacher teams on integrating PBL, she and Dr. Govett returned in February to observe the week-long learning event that generated “out of this world” student excitement as it integrated math, science and English/Language Arts content in planetary exploration and learning.

PBL facilitation is only one element of the strategic support CUI is providing ITIS as the school works toward attainment of the Tennessee STEM School designation.

“PBL elicits deeper student engagement, resulting in more meaningful learning.”

—Dr. Aimee Govett



STUDENT-CENTERED



INQUIRY-BASED



ACTIVE!

UP TO THE CHALLENGE

Another successful edTPA Upload Day!

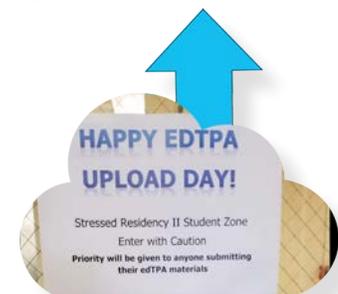
Preliminary edTPA test scores for CUI teacher-candidates indicate another year of stellar performance on the national assessment. Hard work and preparation culminated in March as teacher-candidates submitted via upload the required videos of their classroom teaching along with reflections.



From left: Kellie Sargent, Anna Norman, Rachel Wallace.



From left: Savannah Caldwell, Samantha Crusenberry, Courtney Burgess, Liea Brown, Allison Ball, Master Clinician Nancy Hedberg. Seated: Suzanne Watson.



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