Presentation

Elementary Students’ Coding in US Classrooms: How, Why and What They Learned

Associate Professor Yune Tran, George Fox University School of Education, Oregon, USA.

The presentation will highlight research collected from three cycles of data on over 1000 elementary students’ pre- and post-test changes in computational thinking (CT) from a 10-week coding program delivered as part of the regular school day. Participants benefited from early access to computer science (CS) lessons with increases in understanding and applying coding concepts. Interviews and student artifacts from writing journals, vocabulary flip-books, and graphic organizers included examples of how CS is connected to everyday life and interdisciplinary study at school. A focus on the leveraging aspects of CT in elementary classrooms will be discussed as well as strategies to promote young students’ learning and motivation in STEM fields.

Biography

Yune Tran received her PhD from The University of Texas at Austin and serves as a faculty member at George Fox University in Oregon. Dr. Tran has built a strong reputation in teacher education given her experience in administration, teacher leadership, and research that involves diversity and equity within K-16 platforms. She has an extensive publication list in a variety of education journals including over 25 paper/conference proceedings at national and international venues. Dr. Tran’s current research investigates an innovative program that has been implemented in over 15 US elementary classrooms to build young students’ foundational computational thinking skills.

DATE
Tuesday 13 March 2018

TIME
11.00am - 12.00 noon

VENUE
TC 2.27 (Meeting rooms A & B), Te Kura Toi Tangata Faculty of Education, Hillcrest Road, Gate 5, University of Waikato, Hamilton

RSVP BY: MONDAY 12 MARCH 2018
http://bit.ly/2E8cHWz

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