

ERAS-APERA Seminar 2019

## Scholarly Practitioners: Teachers Using Research in Service of Teaching and Learning

8 November 2019, 2.00pm – 5.00pm  
National Institute of Education,  
Lecture Theatre 9



[Click HERE to register.](#)

**Registration closes on  
25 October 2019.**

### About the Speakers:

Prof Bob Bain is Associate Professor in the University of Michigan's School of Education and the Department of History, where he also directs U-M's World History and Literature Initiative. He taught history in high school for more than 25 years and has been teaching history, history education, and history of education at University of Michigan for the past 21 years. Bob also is a faculty lead on the Big History Project and the new World History Project, both free, comprehensive, and online curricula.

Dr Teo Chew Lee is a Senior Research Scientist in NIE. She began exploring Knowledge Building (KB) technologies in her classroom at the beginning of her career as a science educator about two decades ago. She completed her Ph.D. at OISE/UT, Canada and joined the Ministry of Education in 2009 to lead a research group on translating KB theories technologies into Singapore classrooms. She is currently the Programme Director of the Learning Sciences and Innovation research programme in OER.



**Prof Bob Bain**  
University of Michigan's  
School of Education and  
the Department of History

2.00pm – 3.15pm

Using Research to Design a "Big" Curriculum in  
Big History

The Big History Project (BHP) has been more than a curriculum in big history. The BHP design team used theory and research on thinking and learning to improve the way students could read historical and scientific sources, write evidence-based arguments, reason about causation, and use concepts drawn from multiple disciplines while learning the big history story and its concepts. In his keynote talk, Bob Bain will explain the role research played in the development of the project, the results generated by the curriculum, as well as discussing the challenges that came with its success – analysis and conclusions that should be applicable to most (if not all) curriculum projects.



**Dr Teo Chew Lee**  
Senior Research Scientist  
National Institute of Education,  
Nanyang Technological University

3.45pm – 5.00 pm

Prudent Aspiration, Persistent Implementation,  
Bold Principles: Teachers As Learners

"It is a tall order! (for teachers to do what you just presented)" I have heard many similar remarks after my talks. It happened so often that it became difficult to ignore the remarks. In this talk, I will present a review of teachers professional development efforts and research efforts to put forth clear ideas and illustrations of (i) the prudent aspirations we should have of Singapore teachers as learners to encourage an authentic researchers' mindset; (ii) the nature of research, examples of authentic research happening among our teachers. Finally, I will discuss a principle-based approach to shape our teachers' development effort to bring it to the next level of 21st century classrooms.

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