

“How to Build Smart Society”

EDUCATIONAL IMPROVEMENT SCIENCE

Prof. Louis Gomez

Education and Information Studies
University of California, Los Angeles, USA

6 MAR 2019 (WED), 3:30 PM

AAB 1312, HKBU



About the Speaker



Prof. Louis Gomez is a social scientist dedicated to educational improvement. His research and design efforts are aimed at helping to support community formation in schools, and other organizations, so that they can collaboratively create new approaches to teaching, learning and assessment. With colleagues, he has worked to bring Networked-based Improvement Science to the field of Education. This work is aimed at helping the field take a new perspective on design, educational engineering, and development efforts that catalyze long-term, cooperative initiatives. These initiatives move through repeated cycles of problem diagnosis, design, assessment, and redesign, all organized around problems associated with the day-to-day work of teaching and learning in educational institutions. The work gains much of its power because it is carried out in highly focused collaboratives that Prof. Gomez and colleagues call Networked Improvement Communities. He received the bachelor's degree in psychology from the State University of New York at Stony Brook in 1974 and a doctorate in cognitive psychology, in 1979, from UC Berkeley. Prof. Gomez currently serves as Professor of Education and Information Studies at University of California, Los Angeles, USA and as a Senior Fellow at the Carnegie Foundation for the Advancement of Teaching.

About the Lecture

Policy makers, political leaders, and every day citizens all want smarter and better schools for all children. All too often requests for improved schools translate into acquiring more things like fancier computers and innovative new projects. New projects and new equipment can be important to improvement but are not sufficient. What is needed, beyond projects and materials, are a new reliance on the people who work in schools, and on how they work together. Educational Improvement Science is a way for schools and other educational organizations to get better at practice and producing desired outcomes. Improvement Science is not a project or program; rather, it is a way to organize people and work. Disciplined continuous improvement can offer organizations a clear eyed understanding of barriers to progress and the conditions that give rise to them. This Smart Society conversation aims to introduce Educational Improvement Science, its principles and describe some of the accomplishments of the people who use Improvement Science to address problems of schooling.

About Smart Society Research at HKBU

HKBU's Faculty of Social Sciences is the first in Hong Kong, China to launch an integrated programme of research and exchange on Smart Societies. Smart Societies are those where technology assists people to lead improved lives. We research the possibilities, actions, and consequences of smart societies. We share our original research on-line and through open lectures.

Our approach is global and transdisciplinary. We collaborate internationally and draw best practice from around the world. We are problem-driven, and integrate knowledge in an ecosystem that focuses on areas of key significance to China and Asia including:

- **Environmental and Urban Systems** (including, for example, smart cities, smart energy, smart heritage, smart home, resilient cities, global change and evolution, planetary urbanization)
- **Well-being** (including, healthy living, food and nutrition, active ageing and cognition stimulation, digital health care systems, evergaming and esports)
- **Populations** (including, digital divide, intergenerational caring, ethnic and racial studies, digital access, transnational networks, digital family hood)
- **Learning and Praxis** (including, e-governance, smart schools, disintermediated education, citizen science, data analytics application)

For further details, access to our outputs, and collaboration opportunities, please visit us:

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