

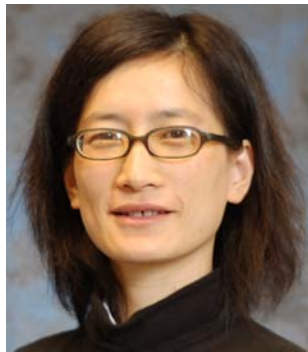
Civil Infrastructure Systems (CIS): Past, Present, and Future Perspectives

Tuesday, October 31, 2017

11:30 AM to 1:00 PM

College Avenue Commons (CAVC)

Devil's Oasis Room – 2nd Floor



Dr. Cynthia Chen

Program Director

Civil Infrastructure Systems (CIS)

National Science Foundation &

Professor, Civil & Environmental Engineering

University of Washington, Seattle

About the Speaker: Dr. Chen has been serving as the Program Director for the Civil Infrastructure Systems (CIS) program at the National Science Foundation since December 2016. She is a Professor in the Department of Civil and Environmental Engineering at the University of Washington, Seattle (UW). She directs the THINK (Transportation-Human Interaction-and- Network Knowledge) lab (<http://depts.washington.edu/thinklab>) where she and her students study the sustainability and resilience of a city through the lens of human beings interacting with the physical infrastructures and the built environment. Dr. Chen graduated from University of California, Davis with a PhD in Civil and Environmental Engineering in 2001; prior to joining UW, she had taught at City College of New York as an Assistant Professor from 2003 to 2009. Dr. Chen has published extensively and her work has been supported by many federal and local agencies. She is an Associate Editor of *Transportation*.

About the Talk: This talk will present the Civil Infrastructure Systems (CIS) program at NSF. CIS is a core program within the CMMI (Civil, Mechanical and Manufacturing Innovation) division within the Engineering directorate at NSF. In the last four years, the CIS program has supported 126 investigators across 25 states and invested more than 26 million dollars in fundamental research. The CIS program, and the Resilient and Sustainable Infrastructures Cluster where CIS resides, recently experienced some changes in the program scope. Dr. Chen will talk about these changes, the rationale behind them, as well as what is anticipated as the result of the changes. She will also highlight other opportunities in CIS related areas such as Cyber-Physical Systems (CPS) and Smart & Connected Communities (SCC). She will offer insights on program development and evolution at NSF, and provide some suggestions to PIs (in particular junior faculty) on proposal preparation and communication with program directors.

Directions: The event will take place in [College Avenue Commons \(CAVC\)](#) Devil's Oasis Room on the ASU Tempe campus. Visitors may park at the [Fulton Center Parking structure](#). Additional parking locations are available and can be found through the [ASU interactive map](#). In addition, CAVC is easily accessible via [Light Rail](#); alight at the Veteran's Way/College Avenue station and walk south along College Avenue to reach CAVC, which is located at 660 S College Avenue, Tempe, AZ 85281.

The SSEBE Distinguished Lecture Series aims to provide a varied and engaging array of talks that will spark interest and interdisciplinary discussion throughout the community. All are welcome to attend. Light refreshments will be served. For more information, please visit <http://ssebe.engineering.asu.edu>