

## GOAL

The overarching goal of the workshop is to identify opportunities, challenges, and collaborations that provide the framework for a proposal to establish a national funded Center for Adaptive Network Dynamics (CANdy) that catalyzes new and transformative research in this area. To accomplish this goal, we have invited a small interdisciplinary group of elite scientists and engineers whose research focuses on or could benefit from advances in adaptive network dynamics.

## STRUCTURE

The workshop is broken into 4 complementary sessions, on neurological, biological, ecological, and technological systems. Each session will consist of one 30-minute overview talk which frames the topic. This will be followed by three or four 15-minute high level case studies. A 30-minute discussion session is scheduled at the end of each topical session, designed to explore themes and challenges arising in the session. Cross-cutting breakout sessions are scheduled after the completion of all topical sessions. Each breakout group will be tasked with a question or challenge drawn from themes that arise during the earlier sessions, and will report back to the group before conclusion of the meeting.

## PRESENTATION INSTRUCTIONS

Each invited speaker should plan on a 10-15 minute, presentation, designed for an interdisciplinary audience. Your talk will ideally consist of 3-5 slides, which (i) introduce the topic, (ii) highlight recent accomplishments at a high level, and (iii) identify current challenges with potential for transformative breakthroughs. Please send in pptx and pdf format to us in advance of the workshop to enable all slides to be loaded onto a common computer for the presentations, overview speakers to incorporate aspects of the session presentations into their talks, and assist the organizers in developing preliminary questions for the breakout groups.

Presentations Due: Wednesday, November 30, 2016  
E-Mail in .pptx or .pdf to: [cnsievents@cnsi.ucsb.edu](mailto:cnsievents@cnsi.ucsb.edu)

## NOMINATION INSTRUCTIONS

UCSB speakers are invited to nominate one postdoc or advanced graduate student from his or her group to participate in the meeting. Since space is limited, the nominees should be available to attend the full meeting as they will be included as workshop participants including all meals and breakout groups.

Nominations Due: Wednesday, November 23, 2016  
E-Mail (name, title, e-mail address) to: [cnsievents@cnsi.ucsb.edu](mailto:cnsievents@cnsi.ucsb.edu)

## ORGANIZING COMMITTEE

Cherie Briggs	<a href="mailto:cherie.briggs@lifesci.ucsb.edu">cherie.briggs@lifesci.ucsb.edu</a>
Jean Carlson	<a href="mailto:carlson@physics.ucsb.edu">carlson@physics.ucsb.edu</a>
Yasamin Mostofi	<a href="mailto:ymostofi@ece.ucsb.edu">ymostofi@ece.ucsb.edu</a>
Linda Petzold	<a href="mailto:petzold@ucsb.edu">petzold@ucsb.edu</a>
Megan Valentine	<a href="mailto:valentine@engineering.ucsb.edu">valentine@engineering.ucsb.edu</a>