Cells must organize all of their millions of intracellular processes in space and time over four orders of magnitude, from interactions of proteins at the nanometer scale to much more global behaviors spanning tens of microns. This workshop will focus on quantitative cell biological approaches, including imaging, measuring, and modeling towards understanding cellular organization and behavior across spatial scales.

There is a natural synergy between the Allen Institute for Cell Science and the Quantitative Cell Biology Network which have a similar vision for a quantitative, integrated, and predictive understanding of the cell through all levels of organization.
Organized by Susanne Rafelski (AICS) and Wallace Marshall (UCSF)

**Registration opens at 9:00am PDT on Monday, August 15, 2016.**

In addition to attending you will have the opportunity to submit an abstract for a chance to give a 15 minute talk. Hotel, most airline tickets, registration and meals during the get-together will be paid by the NSF supported Workshop. Upon registration we will make hotel reservations for you at the

**Courtyard Seattle Downtown/Lake Union**

925 Westlake Avenue North  
Seattle WA  98109  
1-206-213-0100

Unfortunately, we are UNABLE to support foreign air-travel to this event at this time. Hotel, workshop registration, and meals will be provided.

**List of Invited Speakers**

- Brenda Andrews  
  University of Toronto [1]
- Mark Bathe  
  MIT [2]
- Rafael Carazo-Salas  
  Cambridge [3]
- Anne Carpenter  
  Broad Institute [4]
- Sisi Chen  
  University of California San Francisco [5]
- Adriana Dawes  
  Ohio State University [6]
- Michelle Digman  
  University of California Irvine [7]
- Marileen Dogterom  
  TU Delft [8]
- Leah Edelstein-Keshet  
  University of British Columbia [9]
- Jasmin Fisher  
  Microsoft [10]
- Stefan Grill  
  Technical University Dresden [11]
[18] http://munrolabbsd.uchicago.edu
[22] http://www.lifesci.dundee.ac.uk/people/jason-swedlow