

Kam Dahlquist

Professor of Biology at Loyola Marymount University

Los Angeles, CA, US

Seaver College of Science and Engineering

Biography

Contact Phone: 310.338.7697 Email: Kam.Dahlquist@lmu.edu Office: Life Sciences Building 289 Dr. Kam Dahlquist is an Associate Professor of Biology at Loyola Marymount University. Dr. Dahlquist earned a B.A. in Biology from Pomona College and a Ph.D. in Molecular, Cellular, and Developmental Biology from the University of California, Santa Cruz. Dr. Dahlquist performed postdoctoral research at the Gladstone Institute of Cardiovascular Disease at the University of California, San Francisco, and taught for two years at Vassar College before joining the LMU faculty in 2005. In her research, Dr. Dahlquist follows an interdisciplinary approach to understanding gene regulatory networks that involves cutting-edge techniques in genomics, mathematical, and computational biology. This research crosses over into her teaching in such courses as Molecular Biology of the Genome, Biological Databases, Biomathematical Modeling and Bioinformatics Laboratory. She believes that her research and teaching must be informed by and contribute to a broader social context.

Industry Expertise

Education/Learning, Research

Areas of Expertise

Biochemistry, Higher Education, Molecular Biology, Science, Bioinformatics, Genomics, Computational Biology, Research, Genetics, PCR, Lifesciences, Structural Biology

Affiliations

American Society for Biochemistry and Molecular Biology, Open Bioinformatics Foundation, American Society for Cell Biology, International Society for Computational Biology, Association for Women in Science (AWIS), American Association for the Advancement of Science

Event Appearances

Panelist: In the Open: the Future of Open Access Publishing and Libraries; Talk: Open Access Publishing: A PUI Faculty Perspective
SCELC (Statewide California Electronic Library Consortium) Colloquium

GRNmap and GRNsight: Open Source Software for Dynamical Systems Modeling and Visualization of Medium-Scale Gene Regulatory Networks
Fifth Annual Southern California Systems Biology Conference

Brrrr--How Do Yeast Cope When It's Cold Outside? Using DNA Microarrays and Mathematical Modeling to Understand Gene Regulatory Networks in Saccharomyces cerevisiae
Chapman University

Regulatory Dynamics of the Transcriptional Network Controlling the Cold Shock Response in Saccharomyces cerevisiae
American Society for Biochemistry and Molecular Biology Annual Meeting

Education

University of California at Santa Cruz
Ph.D. Molecular, Cellular, and Developmental Biology

Pomona College
B.A. Biology

University College
Study Abroad Program Philosophy of Science

Accomplishments

Award

Awarded the ASBMB Thematic Best Poster Award in Systems Biology, for poster presented at the American Society for Biochemistry and Molecular Biology Annual Meeting, San Diego, California.

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