

## Meet the Researcher - Dr. Clark Lagarias



Dr. Clark Lagarias is a *Professor of Biochemistry in the Department of Molecular and Cellular Biology in the College of Biological Sciences at the University of California, Davis*. His laboratory studies phytochromes, which are biliprotein switchable photosensors. The following are three projects within Dr. Lagarias's laboratory: (1) Molecular Mechanisms of Phytochrome Signaling, (2) Molecular and Structural Biology of Phycocyanobilin:Ferredoxin Oxidoreductases, and (3) Phytochrome Engineering: A Versatile Class of Red and Near Infrared Fluorescent Protein Probes. *To read more about Dr. Lagarias and his current research projects, please click on*

<http://www.mcb.ucdavis.edu/faculty-labs/lagarias/research.html>.

*Current group members:* Nathan C. Rockwell, Project Scientist; Wei Hu, postdoctoral researcher; Lixia Shang, postdoctoral researcher; Timothy Butterfield, graduate student researcher; Sindy Liao Chan, undergraduate researcher; Alexander King, undergraduate researcher; Louis Chaw, undergraduate researcher; Shelley Martin, research support; Keenan Taylor, research support; and Gaganjoat Sidhu, research support. *To read more, please click on*

<http://www.mcb.ucdavis.edu/faculty-labs/lagarias/people.html>.

### *Available technologies from UCD's InnovationAccess:*

Case #2001-274 - Functional Phytochrome Assemblies in Living Cells and Light Mediated Gene Expression

Case #1996-037 - Phytochrome-Derived Fluorescent Markers

Case #2006-571 - Phytochromes as Fluorescent Markers

Case #2006-571 - Biological Activity of Constitutively Active YX Alleles of Phytochrome in Plants

*To read more, please contact* Raj Gururajan at [rgururajan@ucdavis.edu](mailto:rgururajan@ucdavis.edu) or call 530-754-7637 - <http://www.innovationaccess.ucdavis.edu/home.cfm?id=OVC,23,1728,1736>.

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<http://www.mcb.ucdavis.edu/faculty-labs/lagarias/index.html>.