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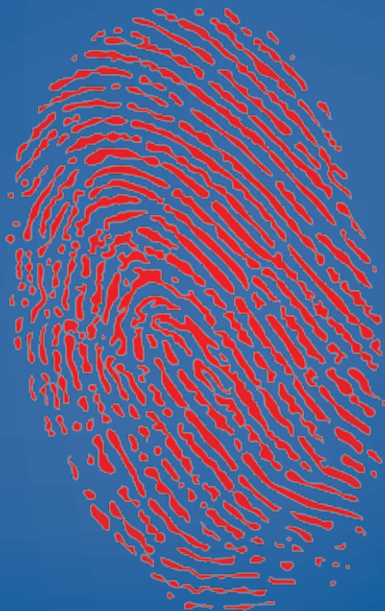
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# Understanding Genetics: DNA, Genes, and Their Real-World Applications

Course Guidebook

Professor David Sadava

The Claremont McKenna, Pitzer, and Scripps Colleges



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Professor David Sadava is the Pritzker Family Foundation Professor of Biology at Claremont McKenna, Pitzer, and Scripps, three of The Claremont Colleges. Professor Sadava graduated from Carleton University as the science medalist, with a B.S. with first-class honors in Biology and Chemistry. A Woodrow Wilson Fellow, he received a Ph.D. in Biology from the University of California at San Diego.

Following postdoctoral research at the Scripps Institution of Oceanography, he joined the faculty at Claremont, where he has twice won the Huntoon Award for Superior Teaching, as well as receiving numerous other faculty honors. He teaches undergraduate courses in general biology, biotechnology, and cancer biology, and has been a visiting professor at the University of Colorado and at the California Institute of Technology.

A visiting scientist in oncology at the City of Hope Medical Center, Professor Sadava has held numerous research grants and written more than 55 peer-reviewed scientific research papers, many with his undergraduate students as coauthors. His research concerns resistance to chemotherapy in human lung cancer, with a view to developing new, plant-based medicines to treat this disease.

He is the author or coauthor of five books, including *Plants, Genes, and Crop Biotechnology* and the recently published eighth edition of a leading biology textbook, *Life: The Science of Biology*.

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