

UC Davis Vertically Integrated Projects (VIP) Program

What is VIP?

The Vertically Integrated Projects program embodies undergraduate education and faculty research in a team-based environment. It provides an immersive, collaborative, and flexible learning environment in which undergraduate students earn graded academic credits by participating in a research project for up to three years (typically from sophomore through senior years). The students have the opportunity to learn and practice professional skills, experience different roles, and make substantial contributions to research projects. Vertical integration is achieved over a long time through the participation of undergraduate students from their sophomore through senior years, graduate students, postdoctoral associates, research scientists, and faculty. There are currently 14 teams in the UC Davis VIP program.

In January 2016 UC Davis was awarded a grant from the Helmsley Trust to join a national consortium of universities that have adopted the VIP program. The VIP consortium is led by Georgia Institute of Technology. More information on the UC Davis VIP program, the VIP consortium, and the UC Davis grant announcement can be found at the following websites.

<http://vip.ucdavis.edu/>

<http://www.vip.gatech.edu/>

http://dateline.ucdavis.edu/dl_detail.lasso?id=15370

Why VIP?

VIP offers a unique opportunity to apply principles and skills learned in courses to research problems in a creative environment over a long time. It will develop and strengthen technical, planning, critical thinking, problem solving, collaborative, mentoring, and communication skills. It will considerably enhance a graduating student's professional readiness.

Earning VIP credits

Undergraduate students can earn 1-3 VIP credits/quarter by:

1. Joining a VIP team.
2. Registering for Science and Society course. SAS 98 (1st and 2nd year) and SAS 198 ((3rd and 4th year).

The courses are letter graded and not pass/no pass.

VIP Co-directors

Please contact the VIP co-directors for further information and discussion:

1. Subra Muralidharan, Department of Molecular and Cellular Biology. submural@ucdavis.edu
2. Daniel Cox, Department of Physics. cox@physics.ucdavis.edu
3. David Rizzo, Department of Plant Pathology. dmrizzo@ucdavis.edu