

## First Announcement



### Institute For Pure and Applied Mathematics University of California, Los Angeles

Presents  
A Special Undergraduate Program

## Research in Industrial Projects for Students ("RIPS")

July 1, 2001 – August 31, 2001

The Institute for Pure and Applied Mathematics is inaugurating a new program, **Research in Industrial Projects for Students (RIPS)**, based on the successful [Math Clinic](#) concept that originated at [Harvey Mudd College](#) in 1973 as well as the well established [Research Experience for Undergraduates \(REU\)](#) program sponsored by the [National Science Foundation](#). In the RIPS program, teams of students, directed by faculty advisors, will work to solve industry-related problems. RIPS will bring together highly qualified undergraduates in mathematics or related majors with sponsoring industry, government, and nonprofit organizations to collaborate on projects. Each team of three to five advanced students will spend two summer months (July and August) working on a problem posed by the sponsoring organization under the leadership of a faculty advisor. At regular intervals during the two-month period, oral and written presentations reporting on the progress of the team will be made. Company liaisons will provide regular contact between the team and the sponsor, monitoring and helping to guide the work effort. Projects will focus on problems of serious interest to the sponsor to which no prior solution exists or is guaranteed. Participation in RIPS will provide valuable real-world technical and managerial experience for the students and valuable R&D for the sponsor.

We **strongly** encourage applications from interested undergraduates, faculty advisors and sponsoring organizations. Online applications for student participants, faculty mentors, and sponsoring organizations are under development and will shortly be available on our website. If you would like to be notified when the applications are available, please send an email to [rips2001@ipam.ucla.edu](mailto:rips2001@ipam.ucla.edu).

*For more information please visit our website:*

<http://www.ipam.ucla.edu/programs/rips2001>



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