

**DEPARTMENT OF INTERNAL MEDICINE**  
COLLEGE OF MEDICINE

**Summer Research Opportunities  
for Undergraduate Women**

**APPLICATION DEADLINE: MARCH 1, 2002**

*The Department of Internal Medicine is pleased to offer the following research projects for the summer of 2002. Interested students are urged to contact the faculty member(s) directing the project(s) that most interest them. By contacting the faculty member, you can discover more about the project, learn what your responsibilities will be, and if possible, develop a timetable for the twelve-week research period.*

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My laboratory works on the immune system abnormalities that cause a systemic autoimmune disease called 'systemic lupus serrythematosus (SLE)' or simply 'lupus'. We are using the gene knockout mice and gene therapy approaches to identify and treat lupus-like disease in animal models of lupus. In my several year at UCLA and in the last few years in Cincinnati we have had students who came to my laboratory for summer and worked on various aspects of gene knockout lupus mice. For example, an undergraduate student in the coming summer may use a mouse called 'fsn', treat them with a monoclonal antibody for 6 weeks and monitor these mice and analyze them for the development of lupus-like disease.