

1996 SURE Awards

FIRST GROUP OF SURE SCHOLARS SELECTED

Eight Stonehill students will work with six faculty members on a variety of research projects for ten weeks over the coming summer of 1996. The students and faculty learned of their selection on February 15.

The scholars and their faculty mentors are the first group to work under Stonehill's new Stonehill Undergraduate Research Experience (SURE) program. The program's purpose is to provide students with an opportunity to perform significant, publishable research under the guidance of an experienced faculty researcher. This experience will help to provide students with a competitive advantage in graduate school applications and in post-college employment opportunities as well as to provide assistance to faculty in research activities.

The participants and their project are:

1. **Colin Barr '97** will work with **Richard B. Finnegan**, Professor of Political Science, on "The Role of Women in Irish Politics: The Republican Perspective and Current Policy." Barr's specific research on the role of women will be incorporated into Professor Finnegan's ongoing research project on Irish public policy since the creation of the Free State in 1922. Barr, a History major, plans to pursue a Ph.D. in modern Irish history.
2. **Jennifer Borden '97 and Kevin Minoli '97** will both work with John Lanci, Assistant Professor Religious Studies, on the preparation of a textbook, Women in the Early Christian Tradition. Borden, a Psychology and Elementary Education major, will serve as project manager as well as help in to develop discussion guides. Minoli, a History major, will research the contemporary texts to be compared with ancient material.
3. **Bryan Carr '98** will work with **Susan Guarino**, Associate Professor of Sociology and Criminology, on the evaluation of a nontraditional educational model, Make Peace With Police, that brings together chronic juvenile offenders and the Boston police. Carr, a Criminal Justice major, will be the primary data analyst of all objective survey data and will assist Professor Guarino in preparing a training seminar for Police Academy recruits. Carr and Professor Guarino will co-author a presentation for the American Society of Criminology meetings in November 1996.

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4. **Kendra Dombi '98 and Sheryl Kelley '97** will work with **Louis J. Liotta**, Assistant Professor of Chemistry, on a research project, "Development of Protecting Groups for the Synthesis of Polyhydroxylated Pyrrolidines." The project, at the forefront of chemical research, has received funding support from The Petroleum Research Fund of the American Chemical

Society. Dombi, a Chemistry major and Kelley, a Biology major, will both be responsible for a specific area of the research and will analyze, interpret, and subsequently write up their results; these write ups will be used as starting documents in the preparation of a manuscript for publication.

5. **Debra Elliott '97** will work with **Robert H. Carver**, Associate Professor of Business Administration, on the preparation for publication of a Minitab Laboratory Manual. Minitab for Windows, a leading statistical software product, is used in a range of disciplines. Elliott, an Accounting major, will compile and edit data, develop cases, and lab test instructions, among other responsibilities.
6. **Ryan Guite '98** will work with **Laura Dike**, Assistant Professor of Biology, on a research project, "Is the FGF-Receptor Necessary for Cell Signaling by Integrins?" Guite, a Biology major, will perform specific areas of the research, which is focused on the mechanisms by which a cell is stimulated to either grow or differentiate; alterations in these growth mechanisms ultimately lead to the development of cancer. Guite and Professor Dike will carry out the research at the Boston University School of Medicine.

SURE Scholars will be housed on campus during the ten weeks of their research and will engage in weekly meetings to discuss the progress of their projects; they will be paid a stipend for their full-time service. Students and faculty members who wish to pursue a SURE research project for the summer of 1997 may contact the Office of Academic Development, Duffy 119-A, Ext. 1069, for further information. Deadline for 1997 applications is December 16, 1996.