I am investigating the Tongan conceptions of social relationships by collecting linguistic and social networks data. This research is supported by an NSF Grant #BCS 0349011. Data about social networks (e.g., interviews, questionnaires) was collected during my summer 2004 visit to Tonga and was processed by preparing sociomatrices. New data will be collected during summer 2005.

During fall 2005, I plan the following activities: 1) prepare sociomatrices from the data collected in the summer fieldwork; 2) conduct social network analyses on all the sociomatrices prepared (including the ones already available); 3) enter the results of the social network analyses in graphic forms in the “Digitized Tonga” database; 4) write up the results of the analyses for presentation at a conference/s.

The undergraduate student/s selected will be responsible for the preparation of the sociomatrices, running some social network analyses, and entering them in the “Digitized Tonga” database. They are expected to work between 8 and 10 hours per week. They will also actively participate in the discussion about the relevance and potential of these data within the overall research. Besides expanding their familiarity and expertise with computer applications such as Excel, ArcView, and UCINET (a social network analysis application), the student/s will experience and contribute personally to the conceptualization and implementation of this particular phase of the research project. Both aspects of this experience increase the potential of the student/s as future scholars and/or professionals. Previous experience in handling and processing data statistically by using applications on a PC/Macintosh would be a great advantage in the selection process.

Expenses for computer zip and compact-disks, photocopies, and printing need to be covered under grant funds.
I am investigating the Tongan conceptions of social relationships by collecting linguistic and social networks data. This research is supported by NSF Grant #BCS 0349011. Data about social networks (e.g., interviews, questionnaires) was collected during my summer 2005 visit to Tonga and will be processed after having prepared sociomatrices this fall semester.

During spring 2006, I plan the following activities: 1) continue conduct social network analyses on all the sociomatrices prepared (including the ones available from last year); 2) enter the results of the social network analyses in graphic forms in the “Digitized Tonga” database; 3) write up the results of the analyses for presentation at a conference/s.

The undergraduate student selected will be responsible for the preparation of the sociomatrices, running some social network analyses, and entering them in the “Digitized Tonga” database. S/he is expected to work between 8 and 10 hours per week. S/he will also actively participate in the discussion about the relevance and potential of these data within the overall research. Besides expanding his/her familiarity and expertise with computer applications such as Excel, ArcView, and UCINET (a social network analysis application), the student will experience and contribute personally to the conceptualization and implementation of this particular phase of the research project. Both aspects of this experience increase the potential of the student as future scholar and/or professional. Previous experience in handling and processing data statistically by using applications on a PC/Macintosh would be a great advantage in the selection process.

Expenses for computer zip and compact-disks, photocopies, and printing need to be covered under grant funds.

**Undergraduate Research Apprenticeship Program, March 20, 2006**

**Social Networks Analysis III (Fall 2006 and Spring 2007)**

*Giovanni Bennardo, Anthropology*

I am investigating the Tongan conceptions of social relationships by collecting linguistic and social networks data. This research is supported by NSF Grant #BCS 0349011. Data about social networks (e.g., interviews, questionnaires, memory tasks) was collected during my summer 2005 visit to Tonga and was transformed in sociomatrices in fall 2005 and spring 2006. The memory task data were digitized and are being analyzed.

During fall 2006 and spring 2007, I plan the following activities: 1) conduct social network analyses on all the sociomatrices regarding questions SNS1a, 1b, 2a, and 2b; 2)
the results of the above analyses will be compared to the results from questions SNP1a, 1b, 2a, and 2b (completed last fall and this spring and to be presented in April at the ISNA conference in Vancouver with Dr. Charles Cappell, sociology); 3) the results of the social network analyses will be correlated to the results of the memory tasks (currently being analyzed) and the results of the cognitive tasks (to be analyzed in the fall); 4) write up the results of the analyses for presentation at a conference/s.

The undergraduate student selected will be responsible for the preparation of the sociomatrices for analyses, running some social network analyses, and analyzing the results of the cognitive tasks. S/he is expected to work between 8 and 10 hours per week. S/he will actively participate in the discussion about the relevance and potential of these data within the overall research. Besides expanding his/her familiarity and expertise with computer applications such as Excel and UCINET (a social network analysis application), the student will experience and contribute personally to the conceptualization and implementation of this particular phase of the research project. Both aspects of this experience increase the potential of the student as a future scholar and/or professional. Previous experience in handling and processing data statistically by using applications on a PC/Macintosh would be a great advantage in the selection process.

Expenses for computer zip and compact-disks, photocopies, and printing need to be covered under grant funds.