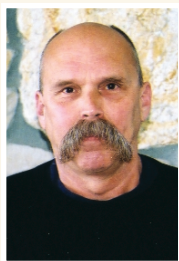


## Dr. Neil Marshall



School of Sciences biology professor Neil Marshall, has a sharply defined view of his role as a scientist. "I see involvement with academic endeavors, both in a research and

teaching context, as a matter of pleasure, privilege, and responsibility. The pleasure derives from thinking and doing science, and imparting that knowledge and experience to others. The privilege is being a part of a system of thought with a rich historical fabric of personalities and events. The responsibility lies in my duty to teach others. It is of great concern to me that the quality and diversity of a science curriculum be maintained. This ideal extends to the community at large.

Practicing what he preaches, Dr. Marshall is on the Board of Directors of the San Gregorio Environmental Resource Center in western San Mateo County. The goal of the Center is to monitor the biological, chemical, and physical water quality of San Gregorio Creek, as well as to monitor water flow. He conducts workshops dealing with all aspects of water quality data collection. In working with the group, Dr. Marshall has organized

cooperative efforts among their volunteers, our NDNU students, and the United States Geological Survey.

The Center has collaborated on workshops and surveys with other organizations also in the San Gregorio drainage area. The studies and derived data will be useful when establishing water use policy, water allocation for residential and agricultural use, and assessment of pollution levels and sources. The studies will also help habitat remediation for such species as the San Francisco garter snake, California red-legged frog, and Coho salmon. Looking to the future, Dr. Marshall envisions enhanced programs and joint studies involving courses in Natural Science, Business, Sociology, and Public Administration.

Attacking visual pollution is another passion. He recently renewed NDNU's permit with the Caltrans Adopt-A-Highway program. For the past three years, his classes and other members of the University community have picked up trash and planted wildflower seeds along a northbound stretch of Highway 280 in San Carlos. The Alumni Association will be joining them this year.

Dr. Marshall will be introducing a new course in the spring. The course, GIS

(Geographical Information Systems) in Public Health, can be interpreted as an extension or adjunct tool in community service applications. GIS technology links diverse databases and displays derived information in a map format. Selected information of interest is then part of the display. Every discipline uses or can use GIS. For instance, using census databases with such information as age, sex, and socio-economic status (SES), GIS can be used for such diverse applications as locating a fast-food or discount outlet, assessing the effectiveness of health-care delivery systems and infectious disease epidemiology, or linking SES with hazardous waste sites. This latter application will constitute the core of the new course. There is an obvious link between GIS, public health, community service, and social justice. As part of the social justice component of his new course, he will provide a unit dealing with SES and access to health care.

Notes Dr. Marshall, "Community service is one of the best expressions of patriotism; no flag waving, just a simple commitment to the betterment of the community, and society as a whole. In retrospect, the sum of my professional life is, directly or tangentially, community service."

## Katy Murphy Receives 2002 Margaret E. Addis Award

**K**ATY MURPHY, DEAN OF ENROLLMENT, received the 2002 Margaret E. Addis Award from the National Association for College Admission Counseling (NACAC). The award was presented at the 58th NACAC National Conference in Salt Lake City, Utah.

The Margaret E. Addis Award recognizes a person who has provided NACAC with unique and outstanding service. The award, established in 1973, was renamed in 1996 in recognition of Dr. Margaret E. Addis, a respected leader of NACAC who never faltered in her commitment to ensur-

ing ethical admission practices for all students. Katy was selected to receive the award based on her leadership and service to NACAC. In presenting the award, NACAC President Paul Pedersen said, "Katy Murphy encouraged a proactive approach to risk-taking and leadership years ago and the fruits of her insistence have made NACAC stronger."

Katy has served NACAC on both the regional and national levels for the past 16 years. She served as founding chair of the Orange County National College Fair, chair and coordinator for the joint Western and

National ACAC California College Fairs, president of Western ACAC, and member of the Los Angeles National College Fair Planning Committee. She chaired the Local Arrangements Committee for the 1992 National Conference in Los Angeles and the National College Fair Advisory Committee, and coordinated the State and Regional President's Council. She is co-chair of the Local Arrangements Committee for the 2003 NACAC National Conference in Long Beach, California.