NOTES FOR SANDY HANSON (AND THE DEANS)

The problem: Too many prospective students think that "you can't do science at Evergreen."

Partial solution from STH faculty: a short section (maybe a couple of pages) featuring "Natural Science at Evergreen" in the catalog.

Fairness issue: It might be necessary to also have "The Arts at Evergreen," "Social Science at Evergreen," and "Humanities at Evergreen," but that's okay, too.

Possible material to include:

-- Some photos of people working in labs that really look scientific.

-- The Evergreen system, which does not break the day up into times for several courses, is particularly conducive to work, as in the Arts and Sciences, that requires long hours concentrated on a project. Furthermore, the hands-on philosophy of Evergreen education translates very well into students doing laboratory and field research in which they apply real scientific apparatus to real problems. Evergreen has a strong science faculty, and faculty members work closely with students at all levels to ensure that they get a firm foundation in mathematics and science and that they have opportunities to do their own research projects.

-- List several topics/labs in which advanced work can be done: optical techniques in mammalian physiology, molecular genetics of bacteriophage, gas phase kinetics, behavioral physiology, invertebrate physiology, ornithology and mammalogy, fresh-water ecology, tropical ecology, marine biology.

-- Mention or list recent papers by faculty members and students, grants received for research and equipment, and other good things we can brag about.

-- Emphasize the strong use of computers in teaching and research here, including use of the CAL.

-- List some of the kinds of research-grade equipment we have (list to be furnished), emphasize that this is real apparatus that professionals use for their work, not just student-grade stuff, and emphasize that here undergraduate students get to actually use this stuff.

-- Emphasize that we don't simply teach students to do science but also emphasize the social and humanistic context of science, to make students into responsible scientists who will be aware of the social implications of their work and of the ethical problems associated with it.