

#### **4b.6 Contributions to interdisciplinary programs not described elsewhere**

June 24, 2008

- a) The Mathematics department contributes to the mathematical biology program through the interdisciplinary program organized around the HHMI and NSF-UBM grants.
- b) The department contributes to a multi-disciplinary computational science program through its participation (with Applied Science and Computer Science) in the NSF-CSUMS grant.
- c) At the graduate level, the department has programs with Computer Science and Applied Science.
- d) At the research level, the department has on-going seminars in mathematical biology and computational mathematics that are attended by faculty members and students of the applied science, biology, and computer science departments, and a long-term multidisciplinary research seminar with the physics department. In addition, our statisticians are building research bridges with members and doctoral students at the College's Virginia Institute of Marine Sciences.
- e) The mathematics department has a long history of collaboration with School of Education faculty in grant-funded summer projects intended to enhance the skills of in-service middle-school mathematics teachers. In 2008-09, this has expanded to include academic-year programs designed to prepare middle school teachers to teach ninth-grade algebra.