

# UNIVERSITY OF WYOMING

January 29, 2004

To: Sara Axelson, Enrollment Management  
From: Curtis Sandberg/Pilar Flores, Academic Services  
Re: Final Report on Fall 2003 Supplemental Instruction Program

## ***Final Report on Supplemental Instruction (SI) Fall 2003***

### **Supported Courses:**

The Supplemental Instruction program supported Sections 2 and 3 of BIOL1010, General Biology I, in Fall 2003. Jay Truitt returned as the SI Leader and the Academic Services office in Student Educational Opportunity provided administrative support, training, and oversight for the program.

### **Format:**

The SI Leader attended six hours of lecture per week for two sections and worked on session prep and development of study materials three hours per week for the combined sections. Review Sessions for students were held four hours per week with two hours per week dedicated to each section. Given past experience regarding attendance patterns, all SI Review sessions for Fall 2003 were scheduled in the early evening between 5 and 7 pm.

### **Dissemination of Program Information:**

Information and updates on the nature and availability of Supplemental Instruction is disseminated to a number of staff on campus including those serving students in Student Success Services, the Center for Advising and Career Services, the Office of Multicultural Affairs, Athletics Advising, Resident Assistants and Peer Advisors in Residence Life and Dining, Marilyn Yee in the Office of Student Life, and Biology instructors and TAs. Flyers promoting the availability of SI have been placed in all of the above offices and have been posted on campus and made available in the Student Learning Center. Information on the SI program is also included in the new SEO Academic Services brochure which promotes free academic services on campus.

### **Funding:**

Funding for Supplemental Instruction for the semester has been provided by Arts & Sciences in the amount of \$2,000 and with another \$2,000 allowed for Spring 2004. *And additional \$1,400 will be needed to cover the small amount we were short in Fall and to cover Spring costs to support two courses of one section each.*

### **Evaluation:**

The SI program supported two sections of BIOL 1010 this Fall with an enrollment of 399 students.

- a. Final SI numbers show that 101 individual students attended review sessions with contact time at 345 hours for all students. On a quantitative basis, students who attended two or more sessions averaged 68% on their exams and students who attended one or no sessions averaged 56% on their exams. There is a positive correlation ( $r=.19$ ,  $p < .05$ ) between the number of sessions attended and average grade on the exams for all students and a positive correlation between number of sessions attended and average exam grades for students who attended two or more sessions throughout the semester ( $r=.26$ ,  $p < .01$ ).

Student Educational Opportunity  
P.O. Box 3808 • Room 330, Knight Hall • Laramie, WY 82071-3808  
(307) 766-6189 • fax (307) 766-4010 • TTY (307) 766-3073 • e-mail: seo@uwyo.edu • www.uwyo.edu/seo

- b. There is a strong correlation between ACT scores and average exam scores ( $r=.48$   $p < .01$ ). However, the correlation between ACT scores and number of sessions attended is not significant indicating that academic ability is not a good predictor of how many, if any, review sessions students will attend and indicates to us that we are not serving primarily those students who tend to take advantage of opportunities to improve grades and understanding. Average ACT Score for attendees is 22.6 while average ACT Score for non-attendees is 23.1.