



## SPACE SCIENCE AND ENGINEERING CENTER

UNIVERSITY of WISCONSIN – MADISON  
1225 West Dayton Street  
Madison, Wisconsin 53706-1695

7 February 2002

Mr. John Entwistle  
Formal Education Lead  
Education Implementation Office  
NASA Earth Science Enterprise  
Goddard Space Flight Center  
8800 Greenbelt Road  
Mail Code 900.2, Building 22, Room C135B  
Greenbelt, MD 20771

Re: Grant NAG5-9028

Dear Mr. Entwistle:

Please find enclosed the original and two copies of the second year progress report for the referenced grant entitled "Earth Science Component for Academic Professional Enhancement (ESCAPE)" with Dr. Sanjay S. Limaye.

If you have any concerns or questions, please call me at (608)262-0985 or Dr. Limaye at (608)262-9541. Thank you for your continued support and assistance.

Sincerely,

John P. Roberts  
Executive Director-Administration

Enc. (3)

Cc: Donna Burfoot, Grants  
ONRR  
144-JG82  
6363  
S. Limaye

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Earth Science Component for Academic Professional Enhancement (ESCAPE), an on-line course in Earth System Science designed by Wheeling Jesuit University's NASA's Classroom of the Future.

(Contract No.:NAG5-9028 Fund:144JG82 End Date:14 Feb 02)

1 February 2002

Report for the Period Ending 12 February 2002

The activities last year focused on improving the recruitment and retention rates of the in-service science teachers for ESCAPE, the web course offering based on the materials developed by Classroom of the Future. In-service middle and high school science teachers in Wisconsin, our primary target audience, continue to show a strong resistance to partake the professional development opportunities offered to them due, we believe to a lack of a consistent plan for training by the Wisconsin Department of Public Instruction for license renewal.

In order to improve the enrollment for the course, The Office of Space Science Education recruited the assistance of the Office of Education Outreach (OEO) of the School of Education at the University of Wisconsin-Madison.

1. OEO worked with Margaret Mooney (OSSE) to produce a press release that we sent by email to science teachers or science supervisors (whichever title we could find) and school administrators (either superintendents or directors of instruction). It went also to local area gifted and talented coordinators and to Shelley Lee (Science Consultant) at Wisconsin Department of Public Instruction for distribution to her special science advisory people. This PR advertised GET-WISE and ESCAPE only.
2. OEO sent course information to Continuing Education Studies Office, UW-Madison (Susan Disch) for inclusion in their Directory of Summer Programs for Teachers.

In addition to routine campus distribution (advisers, libraries, academic departments), the UW-Madison Summer Teacher Directory is mailed in February to Wisconsin K-12 public and private schools in the counties of Dane, Rock, Green, Lafayette, Iowa, Sauk, Jefferson, Columbia, Milwaukee, Kenosha, Racine, Waukesha, Brown and Ozaukee. It is also distributed to South Central Wisconsin public libraries, CESA districts, UW-Whitewater, Platteville, and Edgewood colleges...and to all teachers requesting UW-Madison summer program information. A copy is made available at the Summer Sessions Web site [www.dcs.wisc.edu/summer/index.html](http://www.dcs.wisc.edu/summer/index.html).

OSSE Activities:

August 2001:

Applied to the UW Madison curriculum committee for class designation, course number, and academic credits for participants

Re-established WebCT communication platform for Fall semester class discussions.

September 2001:

Compiled e-mail addresses of Wisconsin teachers who had participated in DataStreme and GLOBE and distributed announcement of ESCAPE distance learning opportunity.

October 2001:

Met with Julie Seaborg, Martin Rouse and Roger Maclean to iron out and streamline distance education issues.

Added UW-Special student admission application to OSSE web site to simplify and expedite participation in ESCAPE.

November 2001:

Included information in our fall GLOBE newsletter which was distributed to over 100 teachers in Wisconsin (November, 2001)

December 2001:

Coordinated with Elaine Seitz and Julie Seaborg to directly market the ESCAPE course via an email list of science teachers and directors of instruction throughout Wisconsin.

**January 2002:**

Re-established WebCT communication platform for Spring semester class discussions, loaded updated course on the OSSE web site course as obtained from Chris Kreger and Jim Botti.

Coordinated with Lisa Wachtel (MMSD) and Rod Montague (Janesville school district) to advertise ESCAPE for spring semester, offering a small stipend to a limited number of participants.

**January 26th, 2002:**

Held kick-off meeting at the OSSE Teacher Resource room with five Madison area high school teachers (Nathan O'Shaughnessy, Memorial HS, Jay Affeldt, Memorial HS, Katie Johnson, East HS, Tyler Spence, Memorial HS, Cindy Kellor, Memorial HS)

**February 2002**

ESCAPE Course through WebCT underway with the participating teachers.