

**“Watershed Management,” a program in the Geography: Teaching with the Stars Series
Final Report for Work Accomplished
September 27, 2011**

The full award of \$25,000 from the Harte Institute has been spent on the development of the video-based professional development program “Watershed Management” a part of the Geography: Teaching with the Stars series. These funds have supported a comprehensive research follow-up to the “Watershed Management” program, and a small amount of planning for the preparation of a similar professional development program, “Tidelands to Oceans.” We have developed a plan for the program “Tidewaters to Oceans,” a cooperative venture between the Texas State Grosvenor Center for Geographic Education and the Harte Research Institute (HRI) at Texas A&M Corpus Christi. Key personnel at HRI include director Larry McKinney, and Kenneth Rainier, educational director. Production will be handled by the Agency for Instructional Technology (AIT) from Bloomington, IN. AIT are the producers of the other “Stars” program. Further production meetings are planned. Teachers have been selected and filming will begin in October 2011.

Below is a brief overview of all of the work that has been accomplished on “Watershed Management” and the initial planning for “Tidelands to Oceans”

1. Completion of an annotated bibliography outlining academic research and publications focused on comparing the effectiveness of video-based and face-to-face professional development.
2. Review of the need, accessibility, and usefulness of online/ video-based professional development for pre-service and in-service teachers.
3. Review of evaluation procedures for online/video-based professional development.
4. Review of data collection procedures following both quantitative and qualitative methods.
5. Development of research instruments, such as survey questionnaires related to watershed management.
6. Engaging in data collection and analysis.
7. Review of content materials outlining the focus of “Tidelands to Oceans.”