



Report of Progress: December 2002 – April 2003

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New COE Partners Added: Santa Clara County Pre-Intern Program (Total COE Partners 15)

Progress Towards Goals:

Goal 1: *The TLI will provide internet-based subject-matter competency training focused upon science.*

Arlene Miro and David Simmons from Ventura COE along with Chuck Taylor from Kings COE work together to complete the support for pre-interns with passing the subject matter competency tests so that they may become intern credentialed. Ventura is coordinating the scientist contributions to the course content. Chuck Taylor coordinates course registrations and teaches many of the classes online. His portion of the project was to initiate contact with the county pre-intern programs and coordinate the candidate participation in the following courses for subject matter proficiency using the USF BlackBoard services:

COURSE NAME	CURRENT STATUS
Subtest I (General Science)	Up and running (51 students)
Subtest II (General Science)	Up and running (51 students)
Subtest III (Biology)	Complete and online late April 2003
Subtest III (Chemistry)	Begins August 2003
Subtest III (Physics)	Complete and online May 2003
Subtest III (Earth & Planetary Science)	Begins October 2003
Subtest III (GeoScience)	Begins October 2003
Health (for special education)	Complete and online May 2003
Blackboard course for instructors	Complete late April 2003 (12 registrants)
RICA	June 2003

Online Tutoring Services Provided: General Science 1 and 2 – 80; Biology- 29; Chemistry- 3; Earth and Planetary Science –5; Geoscience- 0; Physics- 3; Health- 8

We receive an average of 3-5 signups per week.

Formative Evaluation: Most students download our study guide helps and use them to study offline. Those desiring the more detailed information for Subtest III tests have these available to them. The pre-intern population (Middle and High School plus those in university credential programs) appear to be fiercely independent online and seem to know what they want to study. They ask very few questions as they proceed through the areas of study. Some students require little time online while others spend many hours online.

Summative Evaluation:

Online survey to analyze results of each preparation course at teachinginterchange.org now available. Data analysis will be conducted for May report to Washington. Each week the director of the pre-intern program receives a summary of the pre-intern time spent online and level of participation from Dr. Taylor.

Goal 2	<i>The TLI will present video investigations into classroom practice in the teaching of science.</i>
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The TLI contracted with the San Diego County Professional Development Online Production (PDOP) group in December to produce online interactive video investigations in science teaching. It is intended that this will be the first in a series entitled "Pedagogy in Practice" (PIP) in which subject matter content requirements and the California Standards for the Teaching Profession are examined in actual classrooms. Six teachers were carefully selected for this project to be representative of a diverse ethnicity working with a variety of student populations.

A CD is included with this report containing:

- Read Me file – disclaimer, copyright and viewing information
- Pedagogy in Practice.ppt a PowerPoint slide show overview of the PIP modules
- A prototype sample of the PIP interface with only one teacher of the six represented
- Sample video
- Storyboard and execution plans

The PDOP predicts that this project will be ready for field review by the end of May.

In collaboration with the Santa Cruz New Teacher Center, the TLI is able to offer initial teacher training in classroom management skills via online video to our partners. Six COEs have signed on to begin using this product: San Mateo, San Francisco USD, Santa Cruz, Solano, Ventura, and Kings. The first trainer of trainers event will be held April 29th.

Evaluation surveys and interviews will be conducted after the training and during the subsequent useage of the online materials.

Goal 3	<i>TLI Project participants will demonstrate competency with selected elements of the state's recently adopted Technology Standard for teachers.</i>
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By virtue of participating in activities meeting Goals 1 and 2, pre-interns must demonstrate competency in the following aspects of Standard 9 of the new 2042 program standards for teacher preparation:

- Each candidate is familiar with basic principles of operation of computer hardware and software, and implements basic troubleshooting techniques for computer systems and related peripheral devices before accessing the appropriate avenue of technical support.
- Each candidate interacts with others using email and is familiar with a variety of computer-based collaborative (applications).
- Each candidate examines a variety of current educational technologies and uses established selection criteria to evaluate materials, for example multimedia, Internet resources, telecommunications, computer-assisted instruction, and productivity and presentation tools.

Evaluation: Pre-Intern and Director survey results.

Goal 4	<i>80% of TLI Project participants will demonstrate the ability to design and implement a technology-enhanced K-12 student lesson in the classroom.</i>
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The county office program directors determined that the products created out of the grant must model appropriate and effective use of technology in the classroom. On two surveys, however, the directors ranked this goal as least important to pre-interns and did not request any support from the TLI for their candidates.

Upcoming Events and Timeline:

May 9, 2003 Formal Performance report due in Washington

May 11, 2003 Last Video Case Study/Leadership team meeting for this fiscal year

May 30, 2003 Pedagogy in Practice video project released to field – training in COE offices

June 30, 2003 Fiscal year 2 ends.

May – August: Training of BlackBoard online teachers, Science CSET prep continues

July 2, 2003 Fiscal year 3 begins

July 7-11, 2003 Annual retreat in Monterey, CA. Two writing teams will be assembled: Science and Mathematics to create (or complete) the CSET prep courses.

August – December: Pedagogy in Practice filming & project development for Mathematics will commence