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Telemedicine and Advanced Technology Research Center: Quarterly Report, October 18, 2009 to January 17, 2010

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Quarterly Report

1. **Contract No:** W81XWH-08-1-0451
2. **Report Date:** February 1, 2010
3. **Reporting Period:** October 18, 2009 to January 17, 2010
4. **PI:** Dr. Bea Babbitt
5. **Telephone No:** (702) 895-1506
6. **Institution:** University of Nevada, Las Vegas –Division of Educational Outreach (UNLVEO).
7. **Project Title:** Development of a P.O.I. and a Blended Learning Ecology for use in Combat Lifesaver Skills Training for the Army.
8. **Current Staff with percent of effort:**

The following personnel were hired on to the project during the 6th quarter:

- New Assistant to the Director of Operations
 - o David Nguyen: With Brett Bolton’s departure, David Nguyen was hired December 28, 2009, to assist the Director of Operations with document creation and operational tasks. This includes (but is not limited to) quarterly reports, annual reports, meeting minutes, budget revisions, and organizational charts.

The percent of effort of the current project personnel is as follows:

Name	% of Effort Development Stage	% of Effort Implementation Stage
Principal Investigator (Dr. Bea Babbitt)	50%	50%
Research Specialist (Dr. Angelina Hill)	50%	50%
Director of Operations (Jerry Bussell)	50%	50%
Graduate Student (Gordon Louie)	80%	20%
Graduate Student (Amanda Tarquino)	80%	20%
Dist. Ed. E-Module Design Team	80%	20%
Asst. to the Director of Ops. (David Nguyen)	50%	50%

9. Contractual Expenditures by Quarter:

To date, we have spent a total of **\$ 258,926.12** as follows:

	This Quarter			Project Cumulative		
	Development	Implementation	Total	Development	Implementation	Total
Personnel	23,875.23	26,603.68	50,478.91	80,750.48	71,603.66	152,354.14
Fringe Benefits	2,494.03	2,758.89	5,252.92	7,421.23	7,490.61	14,911.84
Travel	702.59	2,754.44	3,457.03	702.59	9,043.67	9,746.26
Operations	13,489.80	-	13,489.8	13,489.80	777.64	14,267.44
Indirect Cost	17,644.31	8,515.99	26,160.30	44,528.38	23,118.06	67,646.44
Total	\$58,205.96	\$40,633.00	\$98,838.96	\$146,892.48	\$112,033.64	\$258,926.12

10. Comments on administrative and logistical matters:

- **10/19/2009 TATRC Planning Meeting**

On October 19, 2009, the members of the UNLV TATRC grant team gathered to meet their new graduate students, Amanda Tarquino and Gordon Louie. After a brief overview of the project’s history and future goals, Brett presented a revised version of the budget for critique from Bea and Jerry.

- **11/03/2009 TATRC Planning Meeting**

On November 3, 2009, the members of the UNLV TATRC grant team met for a quick update on the status of everyone’s individual projects. Brett discussed his recent budget revision and the status of computer purchases, Amanda presented her first PowerPoint slide draft, and Gordon presented his first draft of a few modules from the POI.

- **Personal Response System Decision**

As mentioned in last month’s quarterly report, we will integrate Personal Response Systems into the POI to enhance student participation and gather valuable class performance data for the instructor. After two months of testing with a PRS set on loan to the UNLV TATRC Team, Dr. Angelina Hill has decided the eInstruction CPSPulse system will work best for our project given their ease of use, feature rich design, and affordable price.

Two complete Personal Response Systems (with 40 clickers each and all necessary accessories) will be purchased and used to enhance student interaction during course instruction at Fort Indiantown Gap. An additional PRS set (with only 20 clickers) will be used as a “Mobile PRS Setup” for the UNLV TATRC Team to use during course material testing and project demonstrations.

- **Budget Revision**
Given the project's substantial changes in scope after the passing of our former PI, Dr. Richard Lee, it was necessary to revise the budget for our project. After noting all needed changes, the newly revised budget was created by Brett over a series of meetings with guidance and input from Bea and Jerry. The revised budget, along with all supporting documentation, has been sent to UNLV's Contract Officer for approval.

- **12/10/2009 TATRC Full Team Meeting**
On December 10 and 11, 2009, the members of the UNLV TATRC grant team met with representatives from the Telemedicine and Advanced Technology Research Center (TATRC) and Fort Indiantown Gap (FIG) for a full team in-progress review. Throughout the course of this meeting, Bea Babbitt and Major LeVeille gave a basic overview of the project, Angelina updated everyone on the IRB Process, and the graduate students presented their most recent drafts of the POI and accompanying PowerPoint Slides for critique and feedback.

- **12/17/2009 TATRC Planning Meeting**
On December 17, 2009, the members of the UNLV TATRC team met to schedule dates to fly to Fort Indiantown Gap and initiate the training, pilot testing, and POI implementation. The following tentative dates were scheduled:

Important Dates	Task	Attending Team Members
February 1, 2010	Due Date for POI and PowerPoints	Gordon and Amanda
February 5 – 6, 2010	PRS/PowerPoint Training @ FIG	Amanda and Jerry
February 9 – 12, 2010	First round of CLS instruction begins at FIG	N/A
March 16 – 19, 2010	POI Pilot Testing	Bea
March 22 – 26, 2010	POI Implementation 1	Angelina
April 13 – 16, 2010	POI Implementation 2	Jerry

11. Scientific Progress for the Quarter:

- **Internal Review Board (IRB) process update**
The institutional review board has notified us that the study meets the criteria for classification as Exempt Category #1. They have asked for minor revisions, including the creation of an information sheet to be distributed to participants that explains the purpose of the study and that their performance is confidential. The information sheet has been created and revisions have been sent back to the IRB for review.

12. Plans or Milestones for the Next Quarter:

Future objectives for this project include the following items:

- Send the POI along with accompanying PowerPoints to Fort Indiantown Gap for feedback. Revise the POI and PowerPoints as needed and then create a new version suitable for pilot testing.
- Initiate the training, pilot testing, and implementation phases of the project in accordance with the tentative schedule below.

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- o Jerry and Amanda will travel to Fort Indiantown Gap on February 5, 2010 and begin teaching approximately 25 basic and advanced instructors at the Medical Battalion Training Site how to set up, use and capture various informational data utilizing the eInstruction CPSPulse Personal Response System
- Begin the process of constructing a learning design for the virtual modules which will be offered as part of the blended learning or web-enhanced training strategies.