2012 – 2013 GRANTS
ENGAGED LEARNING IN THE LIBERAL ARTS (ELLA)

Application for Funding

College of Humanities and Social Sciences, Utah Valley University

Application Deadlines: ELLA has set two deadlines for the 2012-2013 academic year: noon on Monday, September 10 for fall and spring projects, and noon on Monday, January 14 for spring projects. Applicants should allow sufficient time to complete all steps of the application process well before the deadline.

ELLA grants support research, scholarly, and creative projects in the College of Humanities and Social Sciences that aim to increase and promote engaged learning. The college funds a wide variety of faculty projects each year. Though each application will formulate its specific articulation of engaged learning, in general successful projects will be directed by faculty members and will clearly involve students and student learning from initial planning to completion and assessment. Applications are encouraged within a broad spectrum of creative and scholarly engaged endeavors. The following examples are drawn from previous years: conference presentations; cooperative programs with the community, high schools, and other universities; some travel to support engaged learning; publication of engaged and scholarly material; and very limited supplemental funding to support study abroad. Faculty who seek funds for projects that are focused exclusively on faculty scholarship/research or faculty travel cannot be considered for this grant and should seek alternate funding sources (see a list of such sources on the last page of this application). Previously funded applications can be reviewed in the Dean's office and a sample is available on the ELLA website at: http://www.uvu.edu/chss/resource/funding/ella.html.

Applicants are encouraged to consult the **Adjudication Document** as they complete this application. It provides in rubric form the guidelines that the committee uses in its evaluation of project proposals and is available at: http://www.uvu.edu/chss/resource/funding/ELLA%20ADJUDICATION%20DOCUMENT%202011-2012.pdf.

Submit completed applications in hard copy or by PDF to:

Jolene Arnoff
Dean's Office
College of Humanities and Social Sciences
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(801) 863-8743

GENERAL INFORMATION

Name:	Teresa Cardon
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PROJECT

Date of Application:	1/8/2013

Title of Project:	Student Implemented Video Modeling Imitation Training for Children with Autism

Others Involved in the Project (expand this section as necessary):

Name:		Student/ Faculty/ Staff:		E-Mail:	
Name:		Student/ Faculty/ Staff:		E-Mail:	
Name:		Student/ Faculty/ Staff:		E-Mail:	

ABSTRACT FOR PROPOSAL

Not to exceed 500 words. In the space below, please briefly describe your project, its time frame and specific objectives. The committee is looking for well-written abstracts that articulate clearly and concisely the goals and scope of the project.

Video modeling has been used for instructional purposes with children diagnosed with autism for over a decade (e.g., Bellini & Akulian, 2007; Charlop-Christy, Le, & Freeman, 2000). The use of personal computers (i.e., iPod touches, smart phones, tablet computers, netbooks) to deliver the video model has only recently gained in popularity (e.g., Cihak, Fahenkrog, Ayres, & Smith, 2009). Research on the benefits of personal computers as the medium to deliver the video model is still emerging; thus far, however, indicators are that iPod touches, smart phones, and tablets are viable alternatives to televisions, laptop computers, and portable DVD players (Mechling & Ayres, 2012; Cihak et al., 2009). What is not known is how effective iPads are at supporting skill development in an educational setting. The primary goal of the proposed research is to determine if there is a functional relation between student implemented Video Modeling Imitation Training (VMIT) in an educational setting and an increased rate and frequency of imitation in young children with ASD. Students in the new Autism Studies program will be engaged in learning evidence based strategies to support skill acquisition in children with autism. Students will have the opportunity to work in a variety of educational settings while implementing VMIT.

While the Autism Studies program is in its infancy, the ongoing program will require numerous service learning opportunities and field placements. Funding for VMIT will provide students with opportunities to participate in research based, engaged learning projects within their service learning and field placements. The proposed project will begin in February with three students enrolled in the Understanding Autism course. There are several steps to the first round of the proposed project: 1) Students will be trained to implement VMIT, 2) students will engage with several community partners (e.g., Clear Horizons, Kids on the Move, Chrysalis Academy) to implement VMIT with children on the autism spectrum and 3) training will be provided to the community partners so that they may continue to implement VMIT for children with autism on an ongoing basis. The second round of the project will take place in the fall of 2013 with three more students enrolled in the Autism Studies program participating in the aforementioned steps.

PROJECT ASSESSMENT AND RELEVANCE TO ENGAGED LEARNING IN THE LIBERAL ARTS

1) **ELLA funding not only encourages projects in engaged learning, but will provide faculty members opportunities to enhance their professional development as well.**

   How will your proposal contribute to the goals of engaged learning and how will it complement your teaching, service, and scholarship?

The proposed project will provide a research base for the Autism Studies program and ongoing opportunities for student engagement and community partnerships. Students will become actively engaged in providing evidence-based strategies for children with autism while being exposed to a variety of community partners. Students will receive credit toward their service learning and field placement hours via participation in the Video Modeling Imitation Training program. Service to community partners will be provided via trainings and implementation of Video Modeling Imitation Training (VMIT). A VMIT manual to support implementation will result from the project and be provided to community partners. In addition, scholarly articles based on the community partner training aspects, student implementation of VMIT, and skill acquisition in children with autism will be produced and presented at national conferences, and submitted to peer reviewed journals.

2) **How do you intend to assess and measure the results of your grant? (At the conclusion of the grant year recipients will be asked to discuss informally the results of their projects with ELLA committee members.)**

The Video Modeling Imitation Training program outcomes will be assessed in the following ways: 1) Students and community partners will fill out the Video Modeling Perceptions Scale (VMPS; Cardon, Guimond, & Smith-Treadwell, 2012) pre and post implementation during the Spring and Fall semesters. The VMPS assesses awareness and understanding of video modeling and will be a good indicator of changes in perception over the course of the semester in which they participated. 2) Results for children with autism will be measured based on the individual target behaviors established for each child and for overall imitation. The Motor Imitation Scale (Stone, 1997) will be administered pre and post intervention to determine gains in a child's motor and object imitation skills. Individual data for each child's target behaviors will be collected over the course of the semester and presented as a case study or a single subject design, whichever is deemed more appropriate.

BUDGET INFORMATION

In the space below, or on a separate sheet if necessary, please include a detailed, itemized budget that breaks down the monetary request (e.g., travel, equipment, hotel, fees, printing) and explains clearly how the money will be used. Complete budget information (cost *and* revenue) for each participant should be listed, including how funding from other sources will supplement ELLA grant money.

Amount Requested:

Has previous ELLA funding been requested? If yes, when?
No – this is a new request for funding.

Itemized Budget:

2nd Generation iPads with Apple Care (3) - $1600.00
iPad Cases & screen protectors (3) - $200.00
Training Expenses - $250.00/semester - $500.00
VMIT Manual printing fees - $200.00

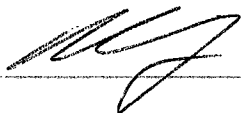Total Amount Requested: $2500.00

DEPARTMENT CHAIR ENDORSEMENT: An application will not be considered without the chair's endorsement.

Please indicate your endorsement of the project and make your comments evaluative as well as descriptive.

Comments: This is a very strong proposal for a very important project. Teresa is well-qualified to conduct the work. This project will be valuable in establishing a strong empirical base for our nascent Autism Studies Program. There is a strong engaged learning element and a community engagement component. I fully support this project.

Signature: _[signature]_ Date: 1-10-13

APPLICANTS ARE ENOURAGED TO CONSIDER THE FOLLOWING UVU FUNDING SOURCES TO COMPLEMENT REQUESTS FOR ELLA GRANT FUNDING:

Grants for Engaged Learning	www.uvu.edu/gel
Scholarly and Creative Activities Council	http://www.uvu.edu/fsca
Institute for Professional Engagement	www.uvu.edu/ipe
Faculty Flexible Grant Program	www.uvu.edu/facultycenter
Supplemental Faculty Travel Grants	www.uvu.edu/facultycenter
Presidential Scholar Award	www.uvu.edu/urip/undergrad/
Exceptional Merit Grant	www.uvu.edu/meritgrants/