Interdisciplinary Innovations Fund Final Report
Student-Speak™

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IIF Budget

IIF - STUDENT SPEAK PROJECT
MoCode DDT82 - DeptID C1684030

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<tr>
<th>Date</th>
<th>Budget Available</th>
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<td>7/1/2009</td>
<td>$25,000.00</td>
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<td>$2,957.34</td>
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Expenditures

7/09 - 5/10
- GRA Salary - Dunn                  $7,817.50
9/09 - 5/10
- Computer Programmer - Dunn         $8,501.36
- Research Assistant - Atkisson      $5,500.88
- Staff Benefits                     $222.92

Total Expenses thru 6/30/10          $22,042.66

(Carryover Requested to FY2011) $2,957.34

The carryover requested will be used to pay a Sociology graduate student to continue work validating the automatic coding of student comments on TEQs. This was approved earlier by Mike McKean.

Tasks

There were 6 objectives of the project. Those relying solely on project staff and/or Idea Works have been successfully accomplished. Those requiring approval or participation from ET@MO, DoIT, and the Vice Provost for Undergraduate Education have been delayed, first to assure that confidentiality of instructors was adequately protected (that hurdle has been passed) and secondly to find funding to cover DoIT programming work to integrate Student-Speak into the MyCourse and/or MoCAT evaluation systems. We are hopeful this last hurdle will be successfully passed soon.

1. Coding scheme – We developed a coding scheme and revised it based on four separate samples of TEQs. Receipt of TEQs from ET@MO was delayed for several months while procedures were developed to assure that instructor confidentiality was protected fully. This slowed down validation and necessitated the continuation into July and August. This work will be completed and funds expended by August 31.

2. Automated coding - We successfully trained the program on three samples to code correctly with 90% or higher sensitivity and specificity where there are enough statements for testing.
We are continuing to further validate on the sample of TEQs provided by ET@MO to extend the range of courses for which Student-Speak has been validated.

3. Automatically generated report – We have considerably revised and improved the automatically generated report through several iterations. It now generates summary graphs automatically for codes organized hierarchically by categories.

4. Integration with MU’s MyCourse and MoCAT – This has been delayed both to coordinate with a new Faculty Council committee effort to coordinate new educational technologies, and because funding must be found for development effort by DoIT or ET@MO to integrate. This is understandable and must be done, but limited access to data and reduced the number of validation cycles during the funding period.

5. Make available free to MU – This will happen at the end of the project. Once validation is complete we will re-contact the Office of Intellectual Property Administration to negotiate intellectual property ownership and licensing arrangements. We will also work with ET@MO and DoIT to seek funding for integrating this program into MyCourse and MoCAT.

6. Commercialization for sale to other educational institutions. Idea Works will further develop the program and refine it for commercial sale, providing MU with any royalties negotiated in the intellectual property agreement.