Distinguished Teacher in Residence Program

Cover Sheet, Assigned Time Grant Proposal for 2017-2018 AY

(Submit with Proposal)

Title of Grant Proposal: Student Engagement Project, Quantum Academy

Involved Faculty: Joni Kolman, Ed.D

Faculty Position for Academic Year: ☑ Full Professor ☑ Associate Professor ☑ Assistant Professor ☑ FERPer

Partnering District(s): Escondido Union

Proposal: ☑ New Project ☑ Continuing Project Number of Units requested: 3

Signature(s):

CSUSM Faculty Member, Signature & Date

CSUSM Faculty Member, Signature & Date

District Acknowledgement of proposal submission:
(See DTIR Consortium List for Approved Representative Signatures)

Escondido Union

DTIR Consortium District

DTIR Consortium District

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<tr>
<th><strong>APPLICATION IS COMPLETE WITH:</strong></th>
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<tbody>
<tr>
<td><strong>Cover Sheet</strong> with all required signatures</td>
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<td><strong>Check List</strong></td>
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<tr>
<td><strong>ATG Plan Proposal</strong></td>
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<td>(to be submitted on the DTIR Assigned Time Grant Plan Proposal Template)</td>
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<td><strong>Description of this as a new or continued project.</strong></td>
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<td><strong>Objectives</strong> are clearly stated, measurable, aligned with standard(s), aligned with mission, and describe the population served.</td>
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<td><strong>Procedures</strong> are aligned with objectives and clearly stated.</td>
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<td><strong>Timeline</strong> is reasonable for units requested and includes evaluations at intervals. (units calculated with the formula used for RCAP/MAP)</td>
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<td><strong>Evaluation</strong> measures objectives, data collection, and analysis - yields useful.</td>
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<td><strong>Benefits</strong> are defined by outcomes for district and School of Education.</td>
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<td><strong>Previous grant reports if applicable</strong> are provided with evidence of efforts and successes.</td>
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<td><strong>Letter(s) of Support</strong> from Schools and/or Districts</td>
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Distinguished Teacher in Residence Program

Plan Proposal, Assigned Time Grant for 2017-2018 AY

(Plan Proposal should not exceed 2 pages)

Date: March 21, 2017

Name: Joni Kolman, Ed.D

Title of Project: Student Engagement Project, Quantum Academy

1. Type of Project

☐ Applied Scholarship in Educational Settings
☐ Conducting Research related to SOE Mission

2. Area of focus

☐ ELL  ☑ STEM  ☐ COMMON CORE
☐ OTHER: Student engagement

3. Proposed project. Describe and connect to the SOE Mission.

Quantum Academy (QA) is a grade 4-8 school in the Escondido Union School District. As part of their continuing professional development, they are interested in focusing on increasing student engagement for ALL students within their schools, particularly those who are not currently being effectively reached. The project below is designed to support the teachers/participants within the school in engaging in a cycle of action research to address specific issues of student engagement in their own classrooms. I will be guiding the teachers through the process of action research, supporting data collection, providing professional development around student engagement and research in accordance with the district's definition of engagement based on the 5 Dimensions of Teaching and Learning from the University of Washington's Center for Educational Leadership. In addition, I will be supporting the collation and dissemination of findings for the district and, if desired, external venues.

Objectives: This project aligns with the CSUSM SOE mission of creating community through partnerships, inspiring reflective teaching and learning, conducting purposeful research, and advancing innovative, student-centered practices by:

1) Supporting QA teachers in understanding action research and its role in improving teacher practice
2) Engaging QA teachers in a cycle of reflective teaching and learning, aligned with current research and practice in student engagement
(3) Supporting QA teachers in conducting purposeful research to shape practice in order to be more student-centered.

NOTE: The equivalent time commitment for 3 units is approximately 135 hours and for 6 units 270 hours.

4. Detailed description of the activities. Provide a timeline.

June/July 2017: Gathering of materials and research on student engagement, and examples of different schools'/teachers' practices

August 2017: Meet with teacher project participants, teacher leaders, and principal.
- Introduction to action research and year-long project timeline; Introduction to research on student engagement; Sharing of individual challenges of practice around engagement;
- Development into problem statement

September/October 2017: Reviewing and utilizing the districts' definition of engagement
- Reviewing student engagement with teacher participants; Designing methods and crafting instruments to measure initial student engagement with participants

November/December 2017: Collecting Data
- Supporting teacher participants in collecting initial student engagement data in classrooms; checking in with teachers and principal to ensure project is meeting their needs

January 2018: Analyzing Initial Data
- Supporting teacher participants in analyzing their data and creating a display to summarize data

February 2018: Researching alternative methods
- Supporting teacher participants in researching methods for engaging students in learning through research, professional knowledge, collaborations with other teachers, observations in other classrooms/schools across the country; Teacher participants choose an action to address student engagement need in their classroom and design materials/structures accordingly

March 2018: Implementation of Action and Collection of Post-action Data
- Support teacher participants in implementing their action in the classroom and the design and collection of post-action data.

April 2018: Analyzing Data, Reflection, Dissemination of Findings
- Support teacher participants in analyzing their post-action data and reflect upon its effectiveness for increasing student engagement; Summarize post-action data; Collate findings to share with district, SOE, and/or for broader dissemination. Offer to support dissemination at conferences like Association of Teacher Educators.
It is anticipated that each teacher participant in this project will emerge from the collaboration with a completed action research project focused on student engagement in their own classroom. Their findings will be summarized in a written report for the school and district, as well as for broader dissemination, if desired. As Quantum Academy was created as a demonstration school, and thus the learning should be scalable, this process will benefit both the school and the district in efforts to address challenges of student engagement.
Re: Letter of Support for Joni Kolman Distinguished Teacher in Residence

To Whom it May Concern,

I have been working with Joni Kolman to plan for action research around the dimension of engagement as practiced in the teaching and learning environment at Quantum Academy at the Nicolaysen Center in the Escondido Union School District. During the 2017-2018 school year, Dr. Kolman will support data collection in classrooms, guided by the teachers, and bring in research around student engagement upon which the teachers can draw to design an action they'd like to try in their classroom. Joni will then support another round of data collection to gauge change in terms of student engagement. We will also have an extra degree of measurement of engagement around the students least engaged in the initial measurement protocol and use best research supported practices to engage these students. We will continually test, reflect and refine our practice to support our students who may be underserved by traditional engagement practices.

Please feel free to call me with any inquiries.

Sincerely,

Ted Kirkbride