

## Sabbatical Proposal Summary

The Impact of the Triad Project on Science Teaching Practices in Grades K-8

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Date of Initial Appointment: August 2001

Previous Sabbatical Leave: Fall, 2009

Proposed Leave Period: Spring 2020

Purpose: Data analysis and submission of two manuscripts

Goal 1: Data Analysis

Three years of data collected from multiple sources

Focused on impact that Triad has on credential candidates and their mentors

Goal 2: Manuscript for educational administrators

Effectiveness of Triad as a model for teacher professional development

Goal 3: Manuscript for classroom teachers

Instructional practices that align with the Next Generation Science Standards

Background:

- Triad is a grant-funded, science-focused professional development model for novice and veteran teachers, grades K-8.
- Three-person Triad teams (i.e., a university-based science education faculty, a teacher candidate and a mentor teacher from Chico Unified School District) create an instructional unit
- Unit taught by credential candidates in their “student teaching” placements

Merit:

- Introduces a new model for effective professional development for teachers
- Assists teachers with shift to new science standards

Relevance to Professional Development:

- Sabbatical timed at completion of three-year grant (\$900,000)
- Inquiry aligns with scholarship on using assessment data for meaningful change
- Research supports work educating teachers in the elementary credential program

Contributions to CSU, University, Department:

- Results will become part of the findings of the CSU system’s New Generation of Educators Initiative
- Research will inform the School of Education’s practices in educating new teachers