SACRAMENTO STATE
RESEARCH ADMINISTRATION

Quarterly Listing of Grant and Contract Awards Received

For Award Dates January 1, 2012 thru March 31, 2012

Arts & Letters

Principal Investigator: Kazue Masuyama, Foreign Languages
Funding Agency: Elk Grove Unified School District, $702
Project Title: *Capital Foreign Language Project - CA World Language Standards Workshop*
This program is an orientation for recently adopted California World Language Content Standards. Participants will review the structure and content of the Standards through activities designed to engage them in analyzing and evaluating the Standards as related to their practical application.
Contact Information: kmasuyama@csus.edu, (916) 278-5667

Education

Principal Investigator: Deidre Sessoms, Teacher Education
Funding Agency: Chico State Research Foundation, $61,299
Project Title: *TEMS II: Teaching Excellence in Math and Science*
This proposal continues the Noyce Phase I TEMS work currently in progress. It consists of a joint proposal from California State University, Chico, and Sac State, in partnership with three area school districts. In conjunction with other existing programs, the Noyce Scholars program has assisted in efforts to increase the number of mathematics and science teachers graduating each year as part of a larger CSU statewide goal. TEMS II will continue to provide support for programs for math and science preservice teachers, not just Noyce scholars.
Contact Information: sessoms@csus.edu, (916) 278-2804

Principal Investigator: Terry Thomas, Academic Talent Search
Funding Agency: California Casualty Group, $2,500
Project Title: *Project Target School*
Students from economically disadvantaged households typically have limited academic opportunities available to them. As a result, they tend to perform at the lowest levels academically and often do not view college as accessible. Through the Academic Talent Search Target School Project, ATS will identify elementary and middle schools in the greater Sacramento vicinity, which serve a high percentage of low-income families and offer students the opportunity to participate in academically advanced coursework in a collegiate setting.
Contact Information: tthomas@csus.edu, (916) 278-7032

Engineering & Computer Science

Principal Investigator: Emir Jose Macari, Dean's Office
Funding Agency: California Energy Commission, $83,355
Project Title: *California Smart Grid Workforce Development Network*
The California Smart Grid Workforce Development Network (CSGWDN) will support the development of California's Smart Grid workforce, engaging electric utilities, California State University campuses, California Community Colleges, labor unions, and Smart Grid manufacturers. CSGWDN will accelerate workforce development initiatives among stakeholders involved in Smart Grid activities through a strategic road map and statewide leverage of programs, resources, and best practices. Its objectives are: (1) Connect Smart Grid technology advances and roll-out timing to workforce needs, (2) Create, execute, and evolve a statewide workforce development strategy, (3) Enhance economic benefits of individual initiatives by leveraging programs, resources, and best practices statewide, and (4) Build a strategic model to be shared with interested parties across the United States.
Contact Information: emacari@csus.edu, (916) 278-6127

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Principal Investigator: Emir Jose Macari, Dean's Office
Funding Agency: UC Regents, $11,500
Project Title: *MEP Student Counseling*
Mesa Engineering Program 2011-2012 goals are to offer an MEP freshmen course that promotes academic excellence and professional development, offer personal counseling services, expand the MHP Partnership, continue the expansion of the MEP model to all students in ECS, investigate the formation of a MESA regional alliance with MSP, CCCPs and MEPs, and to send a team of ten MEP students to the MESA Student Leadership Conference.
Contact Information: emacari@csus.edu, (916) 278-6127

Principal Investigator: Ramzi Mahmood, Civil Engineering
Funding Agency: California Department of Toxic Substances Control, $74,500
Project Title: *Environmental Statistical Analysis Services*
Under this agreement Professor Mahmood will provide statistical support to DTSC's Santa Susana Field Laboratory (SSFL) project team, also including its assigned members from DTSC's Geological Services Unit (GSU) and Human and Ecological Risk Office (HERO). The requested support will benefit DTSC's mission to protect human health and the environment.
Contact Information: mahmood@csus.edu, (916) 278-7375

Health & Human Services

Principal Investigator: Robin Kennedy, Social Work
Funding Agency: UC Regents, $1,760,481
Project Title: *2011-12 Title IV-E Social Work Education Program*
The Division of Social Work would like to create a Research and Program Evaluation Center with the goal of creating formal links between higher education and community partners that advance social work theory, promote social justice, and enhance learning and practice in specialized areas of Child Welfare. The Center will utilize the expertise of Division of Social Work faculty in the area of research, program planning and evaluation. The proposed Research and Program Evaluation Center will provide training, evaluation, and program development services to child welfare agencies, human services providers, governmental entities and community groups. The focus of the Center's activities is to provide the bridge between the academic experience and applied learning in the field. Students will participate in all aspects of the Center's activities and have the opportunity to participate in applied research projects to enhance learning and develop marketable skills.
Contact Information: kennedyr@csus.edu, (916) 278-6943

Principal Investigator: Rodney McCurdy, Kinesiology & Health Science
Funding Agency: University of Kentucky Research Foundation, $10,000
Project Title: *The Use of Best Practices by Community Coalitions to Address Tobacco-Related Disparities*
This proposal will examine the use of these best practices among community tobacco coalitions in California. The research has three aims: 1. Determine the level of best practice use among community coalitions in California;
2. Determine the context and construct validity of using the CDC-published best practices as a measure of community tobacco coalition performance in addressing tobacco-related disparities (TRDs); 3. Identify attributes of community tobacco coalitions associated with the use of best practices to address TRDs. There are three distinct expected outcomes from the study: 1. Inform policy-makers regarding the level of TRD best practice use in California communities; 2. Assist local program managers in addressing TRDs; and 3. Support future research efforts in assessing the performance of community health coalitions and partnerships.
Contact Information: mccurdyr@saclink.csus.edu, (916) 278-6298

Principal Investigator: Bonnie Raingruber, Nursing
Funding Agency: UC Davis, $56,862
Project Title: *CA Nurse-Patient Ratio*
The regents of the University of California, Davis (UCD), agree to provide the following services to the California Department of Public Health (CDPH) Licensing and Certification (L&C) division. Dr. Raingruber will be responsible for the survey portion of the re-evaluation of AB394 which assesses California nurse-patient ratios during the 2010-2011 period and compares those ratios to ratios previously obtained in 2005. The goal of the project is to determine the impact of the AB 394 regulations on patient quality of care. The specific project objectives are to research and report on how regulations impact hospital staffing patterns and nurse satisfaction with workload.
Contact Information: walkerbj@csus.edu, (916) 278-5417

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Principal Investigator: Ann Stoltz, Nursing
Funding Agency: CSU Stanislaus, $63,963
Project Title: *Capacity Expansion of Pre-Licensure Nursing Programs in San Joaquin and Sacramento Counties*
The Robert Wood Johnson Foundation New Careers in Nursing Grant would provide scholarship funding of 10,000 dollars for up to 30 students in the Accelerated Second Bachelor's Degree in Nursing Program (ASBSN). The ASBSN students possess an earned baccalaureate degree in a program other than Nursing. These students have completed pre-nursing requirements and meet the acceptance criteria for the School of Nursing. Students in the ASBSN are enrolled through the College of Continuing Education and complete the pre-licensure nursing program in 16 months of continuous enrollment. The tuition and fees for this program are $35,000 and this scholarship provides financial assistance to students from under-represented groups and low socio-economic environments. In addition, this program provides leadership development workshops and mentoring for scholarship recipients.
Contact Information: stoltza@csus.edu, (916) 278-7543

Funding Agency: CSU Stanislaus, $47,031
Project Title: *Accelerated Second Bachelor's of Science in Nursing Program*
This proposal is requesting funding for faculty support related to the collaborative Accelerated Second Bachelor's of Science in Nursing (ASBSNc) between Sacramento State's Division of Nursing and CSU Stanislaus School of Nursing. Students with a bachelor's degree in any other discipline who have completed required pre-requisites will be able to complete the Bachelor of Science in Nursing in an accelerated format. This proposal seeks to contribute to increasing the number of baccalaureate-prepared nurses through an innovative, collaborative nursing curriculum that utilizes shared faculty resources from two exceptional nursing programs.
Contact Information: stoltza@csus.edu, (916) 278-7543

Natural Sciences & Mathematics

Principal Investigator: Kim Elce, Mathematics & Statistics
Funding Agency: San Francisco State University, $4,400
Project Title: *Math of Khan Project*
Pre-service mathematics teachers on multiple campuses will create web-based commentaries regarding some of the mathematical videos from the Khan Academy. These commentaries will discuss the conceptual foundations of the procedures Mr. Khan demonstrates. The teachers will discuss effective ways to implement the videos as instructional tools and brainstorm ways technology can be used to augment instruction. In particular, they will focus on identifying ways in which the videos support the Mathematical Practices found in California's Common Core State Mathematics Standards.
Contact Information: kelce@csus.edu, (916) 278-6435

Principal Investigator: Scott Farrand, Mathematics & Statistics
Funding Agency: UC Regents, $28,000
Project Title: *NCLB8 - CSUS Mathematics Project Site*
Over the next three years, CSUSMP will continue with its current projects (a CaMSP grant with Placer County, an ITQ Grant with the Sacramento City USD, Saturday sessions, and an annual mini-conference for K-12 teachers) and undertake new projects to assist teachers in implementing the Common Core Standards.
Contact Information: farrand@csus.edu, (916) 278-6129

Principal Investigator: Judi Kusnick, Geology
Funding Agency: UC Regents, $3,611
Project Title: *NCLB8A - Sacramento Area Science Project*
The Sacramento Area Science Project's core work centers on four ongoing programs of various durations. These four programs are: Science in the River City (SIRC), Cohort 8 Small Learning Communities program (SLC), Innovations in Science Instruction through Modeling (ISIM), and Closing the Achievement Gap in Science and Mathematics (CAGism).
Contact Information: kusnickje@csus.edu, (916) 278-4692

Principal Investigator: Vera Margoniner, Physics & Astronomy
Funding Agency: Google Inc., $8,800
Project Title: *Digital Learning Ambassador Grant*
The goal of the Digital Learning Ambassador Grant project is to create a web presence to promote best practices in the usage of technology for improving teaching and learning at Sacramento State. The innovations in technology occurring on our campus will be shared across the university and with all other campuses in the CSU system.
Contact Information: vera.margoniner@csus.edu, (916) 278-6268

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Principal Investigator: Debra Stetson, CSUS Mathematics Project
The CSUS Mathematics Project provides area teachers with opportunities to improve the quality of teaching and learning in their mathematics classrooms

Funding Agency: San Juan Unified School District, $11,473
Project Title: *San Juan High School - Teacher Professional Development*

Funding Agency: Fairfield-Suisun Unified School District, $4,000
Project Title: *Fairfield-Suisun Unified School District - Teaching Algebra I Conceptually*

Funding Agency: San Juan Unified School District, $2,000
Project Title: *Will Rogers Middle School: Model lesson and coaching for teachers*

Funding Agency: San Juan Unified School District, $1,280
Project Title: *Will Rogers Middle School: Math Practicum*
Contact Information: stetson@csus.edu, (916) 278-5951

Social Sciences & Interdisciplinary Studies

Principal Investigator: Ernest Cowles, Institute for Social Research
Funding Agency: Air Resources Board, $49,973
Project Title: *ARB Recreational Vehicles Dealers & Portable Fuel Container Studies*
The Food Distribution Program is requesting a rate study be performed on current rates charged to approximately 1,200 agencies. The purpose of the rate study is to develop a detailed forecast of the true cost of operating and maintaining the FTP and the funds to continue the financial health and stability of the FDP. The rate study will be used to establish appropriate rates, fees, and charges, and be used to take an in-depth look at the FDP and determine how variables affects the program monetarily. The study will focus on a formula that will be created to project annual revenue income.
Contact Information: cowlese@csus.edu, (916) 278-5737

Principal Investigator: Nancy Shulock, Institute for Higher Education Leadership & Policy
Funding Agency: Columbia University, $176,145
Project Title: *Washington Student Achievement Initiative Assessment*
The Community College Research Center (CCRC) at Teachers College, Columbia University with funding from the Bill & Melinda Gates Foundation is conducting an evaluation of Washington State's Student Achievement Initiative (SAI) performance funding policy. The study is conducted in partnership with researchers from the Institute for Higher Education Leadership & Policy (IHELP) at Sacramento State University. The study focuses on whether and to what extent the prospect of performance funding and performance data provided to colleges through the Student Achievement Initiative motivates colleges to implement policies and practices to improve student outcomes.
Contact Information: nshulock@csus.edu, (916) 278-7249

Funding Agency: West Inter Commission for Higher Education, $39,431
Project Title: *Interstate Passport Initiative*
The Interstate Passport Initiative is a grassroots-originated effort by academic leaders in WICHE states to advance policies and practices supporting friction-free transfers for students in the region. It is designed to accomplish three major goals, each which will be attained by achieving multiple related objectives. Goal 1 is to provide data and information to understand the status of the general education core and its relationship to state transfer policies and patterns in the 15 WICHE states, the numbers of students who transfer among the WICHE states, the role of outcomes in defining the core, the process by which change in policy occurs in each pilot state, and other matters important to understanding the baseline circumstances relevant to this project. Goal 2, to conduct a pilot project in five WICHE states to establish block transfer agreements within and among those states for the lower division general education core, based on successful integration of LEAP's Essential Learning Outcomes. Goal 3, Identify the implications for institutional and state policy for a transfer framework based on learning outcomes for further research and projects.
Contact Information: nshulock@csus.edu, (916) 278-7249

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Principal Investigator: Nancy Shulock, Institute for Higher Education Leadership & Policy
Funding Agency: College Access Foundation, $35,000
Project Title: *Opportunities for Students*
The purpose of this project is to learn more about the academic progress of students supported by College Access Foundation grants who are enrolled in California community colleges in order to better understand the academic path and time required for community college students to be eligible for transfer to 4-year universities and/or for an associates degree. Also, to understand the financial aid packages community college students receive during the time it takes to complete coursework.
Contact Information: nshulock@csus.edu, (916) 278-7249

Academic Affairs

Principal Investigator: Michaeline Veden, Academic Technology & Creative Services
Funding Agency: California Department of Food & Agriculture, $156,700
Project Title: *Script Development and Video Production*
Academic Technology and Creative Service Unit (ATCS) will work with CDFA project manager to produce 36 (1-3 minute) videos using professional narrators and/or actors, music in a recording studio, and on-site filming in a variety of locations statewide. Videos will include, but are not limited to: agricultural products, production practices, marketing venues, inspection protocol and invasive species. Specific video topics for each of the 36 videos will be decided by the CDFA project manager.
Contact Information: mveden@csus.edu, (916) 278-5756

Funding Agency: California Department of Consumer Affairs, $148,500
Project Title: *Smog Check Training Modules*
In order to provide the necessary levels of expertise for training on appropriate inspection, diagnostic, and repair procedures, changes in technology, and changes to the Smog Check Program, stand-alone training videos and web-based training modules in DVD/electronic format will be created. These videos/web-based productions shall provide training to approximately 12,000 active Smog Check technicians, owner/managers of nearly 2,000 Smog check facilities and 300 BAR-certified training instructors. Video/Web-based training modules shall also contain information on procedures, new laws, regulations, and/or legislation that affect the Smog Check Program.
Contact Information: mveden@csus.edu, (916) 278-5756

Administration & Business Affairs

Principal Investigator: Mark Iwasa, Public Safety
Funding Agency: CSU Trustees, $24,600
Project Title: *Homeland Security Grant Support for Portable Radios & Transceivers*
The U.S. Department of Homeland Security, through the Office for Domestic Preparedness provides funding to California to enhance the ability of the state, urban areas, local justifications and certain non-profit organizations to prevent, deter, respond to and recover from threats and incidents of terrorism. In line with the state/local priorities, CSU's focus for FY2009 funding is on the purchase of equipment to enhance interoperable communications.
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