

# CALFed Progress Questionnaire California Sea Grant College Program

ConfirmationNumber 20080311103238

ProjectNo 2C U-04-SC-005 ProjectYear 2A 2nd Year Printed: 4/25/2008 Interim Ouestionnaire 1:18:17 PM TypeQuestionnaire 2B Preparer Information PrepName 1A Brian Sardella PrepEmail 1B basardella@ucdavis.edu **PrepPhone\_1C** 530-752-1322 **Project Information** ProjectNo\_2C U-04-SC-005 StartDate 3a January 2007 EndDate 3b December 2008 ProjectTitle 4 Temperature and salinity effects on the physiology of sturgeon CALFed Fellow contact information FelLast\_5B Sardella FelFirst 5C Brian Fellnit\_5D A FelTitle\_5A Dr Fellnstitution\_5E University of California, Davis FelDepartment\_5F Animal Science FelStreetAddr\_5G One Shields Ave FelCity\_5H Davis FelState\_5l CA FelZip\_5J 95616 FelPhone\_5K 530-752-7322 FelFax\_5L FelEmail\_5M basardella@ucdavis.edu FelPositionTitle\_5N Postdoctoral Fellow Research Mentor (for additional please see #8) RMTitle\_6A Dr RMLastName\_6B Kueltz RMFirstName\_6C Dietmar RMInit\_6D **RMInstitution\_6E** University of California, Davis RMDepartment\_6F Animal Science RMStreetAddr 6G One Shields Ave. RMCity\_6H RMState\_6I CA RMZip\_6J 95616 RMFax\_6L RMPhone 6K RMEmail\_6M RMPositionTitle 6N Community Mentor (for additional please see #9) CMFirstNamt\_7C CMInit\_7D CMTitle 7A CMInstitution\_7E

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changing environment; more sp white sturgeon from a physiolo maximum for white sturgeon are sequence salinity- and temperal	dress the CALFED action regarding transcription of the potential gical perspective. The project will have a how those maxima correlate with sature-specific protein bioindicators of por bioindicators of temperature and/or	effects of clima we three main go alinity, 2) to use hysiological stre	te change and anthr hals; 1) to determine proteomics in order ess, and 3) to investi	opogenic disturbance on the critical thermal to identify, isolate, and gate the use of tissue

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PROJECT MODIFICATIONS: Please explain any substantial modifications in research plans, including new directions pursued. Describe major problems encountered, especially problems with experimental protocols and how they were resolved. Describe any ancillary research topics developed.

### Modifications 12

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BESENTTS AND APPLICATIONS. Suggest the relevance of these new Endings to Humagement. Describe any complishment, that is appricant effects your project has had an resource considerance or user group behavior. CALFED es rocking für "management que" (see http://science.collecter.cg.gov/pdf/spengmisues.pdf).

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FUBLICATIONS has any publications, presentations or posters that have resulted from this funder research. Give as many distant de possible including states di paper (e.g., in review in press), papera nume, conference occiner encidere di presentation Places note (as extined in the conditions of the event) that each fallow is required to solute in identical for an unit in poster presentation of each State of the Estuary conference and CALPED Science Conference during the duration of the following

### Publications 14

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COOPERATING ORGANIZATIONS: List those agencies and/or persons who provided financial, technical or other assistance to your project since inception. Describe the nature of their collaboration.

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KEYWORDS: List keywords that will be useful in indexing your project.

Keywords\_17

Temperature/salinity interaction, green sturgeon, proteomics, tissue microarray, global climate change

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# PATENTS: List any patents associated with your project. Parents 18

Additions: Additional information can be added here. Please begin the text with the number of the question you are adding to.

Additions\_f8

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