



**Delta  
Stewardship  
Council**

A CALIFORNIA STATE AGENCY

## **CONDITIONS OF AWARD - IN ADDITION TO UTC-220**

University Terms and Conditions (UTC-220): [UTC-220](#)

The Delta Science Fellowship Program is a project that brings together young scientists, agency scientists and senior research mentors in collaborative data analysis and research projects relevant to the Delta Stewardship Council's (DSC) coequal goals of providing a more reliable water supply for California and protecting, restoring, and enhancing the Delta ecosystem. The Delta Science Fellowship Program involves a call for research proposals from junior scientists, with the backing of their research mentors, for research on priority topics identified in the [2022-2026 Science Action Agenda](#) (SAA). The SAA is a four-year multidisciplinary science agenda for the Sacramento-San Joaquin Delta that prioritizes and aligns science actions to inform management decisions, fills gaps in knowledge, promotes collaborative science, builds the science infrastructure, and achieves the objectives of the Delta Science Plan. These actions were identified through a process that gathered input from the Delta science community, the public, and other groups such as the Delta Plan Interagency Implementation Committee and the Delta Independent Science Board.

Delta Science Fellows are competitively selected from these proposals by a panel selected by the Delta Science Program (DSP) Lead Scientist and the Deputy Executive Officer for Science, in consultation with the Director of California Sea Grant. Selected Science Fellows shall be assigned for an approximately two-year period at the research mentor's university or research institution and in close association with a community mentor on the approved project. During the fellowships, the fellow and research and community mentors shall collaborate on the approved project, provide updated information on progress being made, and share any drafts of material to be published. The research mentor shall oversee the project, providing broad oversight and first-level peer review, and sharing information about progress back to the Council's Delta Science Program.

California Sea Grant sponsors and administers scientific research, fellowships, and panels of scientific advisors that contribute to the growing body of knowledge about coastal and marine resources and helps solve contemporary marine-related problems. California Sea Grant is the largest of the 34 Sea Grant programs nationwide and draws on the talents of scientists and engineers at public and private universities throughout the state. It is administered by the University of California and is based at Scripps Institution of Oceanography in La Jolla. It receives and administers federal and state funding from the National Oceanic and Atmospheric Administration (NOAA) Sea Grant program, the California Resources Agency's Sea Grant Advisory Panel, and the California environmental license plate program. The staff at California Sea Grant has significant experience in science management and has conducted the Delta Science Fellowship Program since 2003, managing the selection and work of thirteen previous classes of fellows.

The California Sea Grant College Program has partnered with the Delta Stewardship Council Delta Science Program to administer its Delta Science Fellowship Program, subsequently

entering into an agreement with the funding agency—the Delta Stewardship Council. In accordance with this agreement (No. DSC23011), California Sea Grant’s responsibilities include requesting and reviewing proposals, financial and technical reports, publications and other deliverables, and no-cost extension and budget modification requests.

The following provides general guidelines for administering the Delta Science Fellowship funds. In addition, each university and college has established rules and regulations governing grant administration to which the fellow should adhere. Please review the stipulated conditions carefully and, having done so, sign and return the “Award Acceptance Form.”

### **Question and Correspondence:**

All questions and correspondence (such as requests for extensions, budget modifications, etc.) should be emailed to [sgfiscal@ucsd.edu](mailto:sgfiscal@ucsd.edu) (cc [sgreport@ucsd.edu](mailto:sgreport@ucsd.edu)). For full instructions on how to submit an extension and/or budget modification, visit the California Sea Grant website, <https://caseagrant.ucsd.edu/fellowships/manage/delta-science-fellowship>.

### **Research Mentor Responsibilities:**

- The research mentor’s role is to serve as the lead mentor for the fellow, providing broad oversight and review of the fellow’s research and products.
- A mentoring plan between the fellow, research mentor, and community mentor will be required within one month after the fellowship is initiated.
- In the event that progress of the fellow is determined to be unsatisfactory by the research mentor, California Sea Grant, the Council’s Deputy Executive Officer for Science, or the Lead Scientist, and all jointly agree, the research mentor shall either: 1) identify another fellow, or 2) assume active responsibility for the project and will receive no more compensation than the total fixed cost of the subcontract plus allowable travel and materials and supplies costs minus payments already made to the fellow. In this event, the research mentor will be paid the monthly fee that would have been paid to the fellow.

### **Community Mentor Responsibilities:**

- The community mentor’s role is to help guide research relevance, participate in the co-production of research, and help translate and communicate findings for non-academic audiences.
- A mentoring plan between the fellow, research mentor, and community mentor will be required within one month after the fellowship is initiated.
- Fellows will work closely with community mentors, sharing ideas and progress throughout the project.

### **Fellow Responsibilities:**

- Fellows will have primary responsibility for undertaking all of the work of the selected project, under the general oversight and direction of the research mentor.
- Fellows are responsible for submitting travel, supply, and equipment reimbursement claims directly to their appropriate Fellow’s Business Office, who will then be responsible for invoicing Sea Grant for reimbursement.
- Fellows are required to submit an abstract for an oral or poster presentation at the State

of the Estuary or Bay-Delta Science Conference during the duration of the fellowship.

- Fellows are expected to participate in the Delta Science Fellowship Early Career Leadership Workshop developed jointly by the Delta Science Program and California Sea Grant, if held.
- Fellows are expected to participate and assist in organizing a symposium showcasing research performed by Science Fellows, if such an event occurs during their fellowship.
- Fellows are expected to share project updates by adding their fellowship activities to the Delta Science Tracker (<https://sciencetracker.deltacouncil.ca.gov>).

### **Joint Responsibilities of the Research Mentor and Fellow:**

The research mentor and the Fellow agree to be responsible for the defined products listed below:

#### **Schedule and Deliverables:**

Deliverables shall comprise abstracts, presentations, posters, unpublished summaries, and publications in scientific journals specific to the accepted research proposal. Deliverables include: (a) information presented at the Bay-Delta Science Conference or State of the Estuary conference during their fellowship; (b) preparation and presentation of one or more briefings to the science community upon request from the Deputy Executive Officer for Science or Lead Scientist for all subcontracts; (c) an annual report of progress submitted to California Sea Grant as outlined below; and (d) printed and electronic copies of publications resulting from the project up to three years after completion of the contract.

Interpretive products resulting from these projects must be provided to the Delta Stewardship Council for publication on its website or linked to another publication website, including via the Delta Science Tracker.

#### **1. Mentoring Plan**

A formal mentoring plan is required and should be developed by the fellow, research mentor and community mentor. The purpose of the mentoring plan is to ensure a quality experience for the Fellow that provides a springboard to a career in scientific research and/or program implementation.

A sample mentoring plan is provided in Appendix A of the [request for applications](#). The mentoring plan should be similar to those prepared by the research institution for a National Science Foundation award. Guidance for preparing a mentoring plan is provided in Exhibit B.

The mentoring plan is required within 30 days of starting the Fellowship. Failure to submit a satisfactory mentoring plan within 30 days may result in suspension of funding.

#### **2. Reporting**

- The intent of the annual and final reports is to demonstrate that the conditions of the fellowship are met. Concise reports are encouraged. Additional information about reporting requirements can be found on California Sea Grant's website here:  
<https://caseagrants.ucsd.edu/students/managing-your-fellowship-award/delta-science-fellowship>.

## 2.1 Annual Reporting:

Annual Progress Reports: Fellows are required to complete annual progress reports via eSeaGrant, California Sea Grant's reporting software. A solicitation will be issued via email for a progress report a month prior to its due date. Reporting and eSeaGrant-specific guidance can be found on the Sea Grant website: <https://caseagrant.ucsd.edu/fellowships/manage/delta-science-fellowship-Reporting>. Annual Progress Reports will report on the following:

- Brief narrative summary of what was achieved during the reporting period, an explanation of any changes to approach or unanticipated barriers and how they were addressed, and a research highlight describing a new knowledge discovery and why this finding is important to the Delta (management implications) or a compelling project update. The research highlight may be used for the Delta Science web page and to promote the role of science, the fellow and mentors.
- A list of written materials (including unpublished summaries and abstracts) and publications (with electronic copies of each).
- A list of publications in preparation (with draft versions of each).
- A list of posters and presentations (with electronic copies of each), including (a) information presented at the Bay-Delta Science Conference or State of the Estuary conference; and (b) preparation and presentation for briefings to the science community or Delta Stewardship Council.
- A paragraph describing the progress of the project to be posted on the Delta Science Program website.
- Sea Grant may ask for additional information to address national reporting requirements, if relevant to the fellowship program.

Note: All publications and presentations must acknowledge the full or partial support of the Delta Science Fellowship program with the following acknowledgement.

*Acknowledgment of Support:* The grantee is responsible for assuring that an acknowledgment of Council support is made in any publication (including World Wide Web pages) of any material based on or developed under this project, in the following terms:

"This material is based upon work supported by the Delta Stewardship Council Delta Science Program under Agreement No. DSC23011." The contents of this material do not necessarily reflect the views and policies of the Delta Stewardship Council, nor does mention of trade names or commercial products constitute endorsement or recommendation for use.

Council support also must be orally acknowledged during all news media interviews, including popular media such as radio, television and news magazines.

*Disclaimer.* The Grantee is responsible for assuring that every publication of material (including World Wide Web pages) based on or developed under this award, except

scientific articles or papers appearing in scientific, technical or professional journals, contains the following disclaimer:

"Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the Delta Stewardship Council.

*Delta Stewardship Council Notification.* The grantee is responsible for assuring that the Delta Science Program is notified about publication of material based on or developed under this award and provided access to electronic copies promptly after publication.

Additional guidance for Publications Provisions can be found in Exhibit A.

## 2.2 Technical Reporting:

- **Patents** – All potentially patentable ideas, inventions, discoveries or improvements made during the grant term must be disclosed promptly. The Sea Grant Property/Inventions/Patents/Royalties report included in the package requesting technical reports should be signed and returned to the California Sea Grant office. In addition, UCSD fellows or mentors to whom this applies should download, complete and submit the form found at: <https://blink.ucsd.edu/research/conducting-research/edisclosure/index.html>. Other UC investigators should go to the Office of the President's website for forms and contact information concerning the Technology Transfer office at their campus. The URL is: <http://www.ucop.edu/innovation-alliances-services/innovation/technology-transfer-of-fices/index.html>.
- **Final Completion Report** – At the end of your project, a solicitation will be issued for a completion report. This report summarizes the scientific/technical results of your project and its management implications for the Delta and is submitted via eSeaGrant to the California Sea Grant office.
- **Theses/Dissertations** – Graduate fellows should send electronic copies of their completed thesis (or dissertation) and of the abstract, title page, and DSC funding acknowledgment to the California Sea Grant publications office. If a completed thesis or dissertation is not available at the time of the final completion report, fellows should share a draft copy if possible, and a final copy when available.

## Progress Reviews:

There will be periodic reviews of progress by the research mentor, California Sea Grant, the Deputy Executive Officer for Science, and the Delta Lead Scientist.

If progress by either the mentor or fellow is deemed unsatisfactory at the 20-month review, California Sea Grant shall, with Delta Stewardship Council approval, withhold all remaining payments for that project until satisfactory deliverables are submitted.

## Personnel:

Changes in senior personnel, in their grantee organization, or in their percentage of time, require prior approval of the California Sea Grant Director. In addition, if the fellow or research mentor is considering any type of leave (sabbatical or leave of absence) during the period of this award, please contact California Sea Grant immediately to describe and determine this action's impact

on the research project as time extensions may be impossible to grant due to the nature of the funding source for this award.

### **Financial Reporting Requirements:**

The final expense report is due within 45 days following the completion of the project.

The department fiscal manager should submit the final expense report with cumulative ledgers (year-to-date details for supplies, travel, fellowship stipend, and fellowship tuition/fee remission) through their institution's grants management or extramural funds office. That office should then email ([sgfiscal@ucsd.edu](mailto:sgfiscal@ucsd.edu)) this report to California Sea Grant.

### **Invoicing Requirements:**

Invoices should be printed on official letterhead and signed by an authorized official, employee or agent certifying that the expenditures claimed represent actual expenses for the service performed under this award. Invoices must also include at a minimum the following information: Agreement Number, Invoice Number, Invoice Date, Total dollar amount being billed for the statement period including the billing/performance period covered, Description of the work performed as shown in the award; and an Itemized cost breakdown. Any invoices that significantly deviate from this format will not be paid. All invoices must be accompanied by ledgers and back-up documentation.

Invoices must be submitted directly to UCSD Disbursements via [Payment Compass](#):

UCSD Disbursements  
<https://paymentcompass.ucsd.edu/>

### **Travel by Fellows:**

The California Sea Grant Program shall ensure that travel and per diem expenses will be reimbursed under any and all sub-contracts in accordance with University of California approved travel rates (or your institution's rate if lower), published at:  
<http://policy.ucop.edu/doc/3420365/BFB-G-28>.

Out-of-state and foreign (international) travel must be pre-approved in the award allocation or a request for approval must be submitted to the Sea Grant Director no less than 60 days before the anticipated travel date.

Travel and other expenses exceeding what was awarded will not be the responsibility of the California Sea Grant Program or the Delta Stewardship Council.

### **No-Cost Extensions:**

The effective dates are specified on the award allocation issued by California Sea Grant. As stated in the Request for Applications, no-cost time extensions will not be possible due to the nature of the fund source.

### **Transfer of Funds:**

Prior approval from California Sea Grant is required if cumulative transfers between categories exceed 10% of the originally approved total California Sea Grant project costs or if funds are being transferred into any category where funds were not originally budgeted. Visit the California Sea Grant website for full instructions on how to submit a rebudget request.



**Compliance with laws/permits:**

Any resulting subcontract between the University and a subcontractor shall include a provision that the subcontractor and its further subcontractors are responsible for compliance with all applicable laws and regulations, including the Delta Reform Act (Water Code Section 85000 et seq.), and obtaining all permits necessary in the performance of and to complete project work, including all associated costs. Scientific studies that involve the collection of fish, wildlife, or endangered or rare plants must have a valid Scientific Collecting Permit or Plant Voucher Collection Permit.

**GENERATIVE ARTIFICIAL INTELLIGENCE TECHNOLOGY USE & REPORTING**

- A. The following terms are in addition to the defined terms and shall apply to the Contract: 1) “Generative AI (GenAI)” means an artificial intelligence system that can generate derived synthetic content, including text, images, video, and audio that emulates the structure and characteristics of the system’s training data. (Gov. Code § 11549.64.)
- B. The awardee shall immediately notify the State in writing if it: (1) intends to provide GenAI as a deliverable to the State; or (2), intends to utilize GenAI, including GenAI from third parties, to complete all or a portion of any deliverable that materially impacts: (i) functionality of a State system, (ii) risk to the State, or (iii) Contract performance. For avoidance of doubt, the term “materially impacts” shall have the meaning set forth in State Administrative Manual (SAM) §4986.2 Definitions for GenAI.
- C. Notification shall be provided to the State designee identified in this Contract.
- D. At the direction of the State, the University shall discontinue the provision to the State of any previously unreported GenAI that results in a material impact to the functionality of the System, risk to the State, or Contract performance, as determined by the State.
- E. If the use of previously undisclosed GenAI is approved by the State, then the University will update the Deliverable description, and the Parties will amend the Contract accordingly, which may include incorporating the GenAI Special Provisions into the Contract, at no additional cost to the State.
- F. The State, at its sole discretion, may consider the University’s failure to disclose or discontinue the provision or use of GenAI as described above, to constitute a material breach of Contract when such failure results in a material impact to the functionality of the System, risk to the State, or Contract performance. The State is entitled to seek any and all remedies available to it under law as a result of such breach, including but not limited to termination of the contract.

## EXHIBIT A – PUBLICATIONS PROVISIONS

1. **General.** The publications provisions are to provide for adequate documentation of the completed contract obligations, encourage publication and distribution of research information, and protect the Delta Stewardship Council (Council) from unwarranted implications of policy or concurrence with the conclusions of the grantee.
2. **Publications/Acknowledgement of Support.** All reports published by the Contractor under provisions of the agreement shall contain a credit reference acknowledging Council support:
  - a. In any publication (including World Wide Web pages) of any material based on or developed under this project, in the following terms: “This material is based upon work supported by the Delta Stewardship Council Delta Science Program.”
  - b. Council support also must be orally acknowledged during all news media interviews, including popular media such as radio, television and news magazines.
  - c. Mention of trade names or commercial products does not constitute Council endorsement or recommendation.
3. **Disclaimer.** The Contractor is responsible for assuring that every publication of material (including World Wide Web pages) based on or developed under this award, except scientific articles or papers appearing in scientific, technical or professional journals, contains the following disclaimer:

“Any opinion, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the Delta Stewardship Council.”
4. **Publication Rights.** Reports prepared by the Contractor under provisions of this agreement may be published under the following conditions:

The Contractor shall have the right to disclose, disseminate and use, in whole or part, any data and information received, collected, or developed under this agreement, including material contained in the final report, subject to inclusion of the credit statement of Section 2 of these Publication Provisions not less than 30 days prior to publication of such material.
5. **Dissemination of Results.** The Contractor may publish the results of the study or any of its particulars in separate reports or by submission of technical papers to professional organizations subject to these publication provisions. Both written and oral releases are considered to be within the context of publication.

*Delta Stewardship Council Notification.* The grantee is responsible for assuring that the Delta Science Program is notified about publication of material based on or developed under this award and provided access to electronic copies promptly after publication.



## EXHIBIT B – GUIDANCE FOR PREPARATION OF A SCIENCE FELLOW MENTORING PLAN

### Delta Science Fellow Mentoring Plan

The following is an example of a Delta Science Fellow Mentoring Plan

**This Delta Science Fellow Mentoring Plan** has been prepared by *[Fellows Name]*, *Delta Science Fellow*, at *[Research Institution Name]*. The Plan establishes guidelines for work to be performed by the **Delta Science Fellow** in support of the Delta Plan with a Science Fellowship Award entitled *[Research Project Title]*. The **Delta Science Fellow** will work at *[Research Institution Name]* with *[Research Mentor's Name]* (*Research Mentor*) and *[Community Mentor's Agency Name]* (*Community Mentor*) at *[Research project Location]* and will conduct research on specified tasks: *[list of specific tasks]*.

### 1. Orientation

*[Fellows name]* (**Delta Science Fellow**) will attend:

(a) Program Orientation

- Attendance at the Delta Science Fellowship Orientation Program

(b) Project Orientation

This will include in-depth conversations between the research and community mentor and the **Delta Science Fellow**. Mutual expectations will be discussed and agreed upon in advance. Orientation topics will include (a) the amount of independence the **Delta Science Fellow** requires, (b) interaction with coworkers, (c) productivity including the importance of scientific publications, (d) work habits and laboratory safety, and (e) documentation of research methodologies and experimental details so that the work can be continued by other researchers in the future.

**2. Career Counseling** will be directed at providing the **Delta Science Fellow** with the skills, knowledge, and experience needed to excel in their chosen career path. In addition to guidance provided by the research mentor, the **Delta Science Fellow** will be encouraged to discuss career options with researchers and managers at the *[Research Institution]* and the *[Community Mentor's Agency Name]*.

**3. Experience with Preparation of Grant Proposals** will be gained by direct involvement of the **Delta Science Fellow** in proposals prepared by the *[Research Institution]*. The **Delta Science Fellow** will have an opportunity to learn best practices in proposal preparation including identification of key research questions, definition of objectives, description of approach and rationale, and construction of a work plan, timeline, and budget.

**4. Publications and Presentations** are expected to result from the work supported by the Fellow award. These will be prepared under the direction of *[Research Mentor's Name]* and in collaboration with other researchers as appropriate. The **Delta Science Fellow** will receive guidance and training in the preparation of manuscripts for scientific journals and presentations at conferences. The Fellow is also expected to present project results at the Bay-Delta Science Conference or the State of the Estuary Conference in at least one of the years of the Fellowship. Attendance of the annual meetings of the California Water Environment Modeling Forum (CWEMF) and/or the Interagency Ecological Program (IEP) Conference as well as of appropriate IEP Project Work Team meetings (see <https://iep.ca.gov/Science-Synthesis-Service/Project-Work-Teams>) is also encouraged.

**5. Teaching and Mentoring Skills** will be developed in the context of regular meetings within the *[Research Institution]* research group during which graduate students and postdoctoral researchers describe their work to colleagues within the group and assist each other with solutions to challenging research problems, often resulting in cross fertilization of ideas.

**6. Instruction in Professional Practices** will be provided on a regular basis in the context of the research work and will include fundamentals of the scientific method, and other standards of professional practice. In addition, the **Delta Science Fellow** will be encouraged to affiliate with one or more professional societies in his/her chosen field and to attend meetings of the professional society.

Participation at the Early Career Leadership Workshop organized by California Sea Grant and the Science Program is expected. This training will include: planning your research career, national and global trends in science, ethics, data management, proposal writing, communicating science, the science-policy interface, and creating a diverse workforce.

**7. Technology Transfer/Outreach** activities will include regular contact with scientists/managers at the *[Community Mentor's Agency Name]*. The **Delta Science Fellow** will be given an opportunity to become familiar with the university-agency-private sector relationship including applicable confidentiality requirements.

**8. Success of the Mentoring Plan** will be assessed through a process established at the beginning of the fellowship. The Science Program encourages evaluation and monitoring of the Delta Science Fellow's personal progress and their impacts to the science needs. Tracking of the progress toward his/her career goals after finishing the postdoctoral program should also be included.

This sample is adapted from the National Science Foundation guidelines for mentoring.  
[http://www.nsf.gov/pubs/policydocs/pappguide/nsf10\\_1/gpg\\_2.jsp](http://www.nsf.gov/pubs/policydocs/pappguide/nsf10_1/gpg_2.jsp) [Section J]