LLNL’s Early Career UC Faculty Initiative

Proposal

# Cover Page: Summary Table

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| Proposal Name |  |
| Short Description (1–2 lines) |  |
| Name/Department of UC Principal Investigator |  |
| PI’s tenure status and years since PhD |  |
| PI’s address |  |
| PI’s contact information |  |
| PI’s affiliated UC campus |  |
| Name/Org of LLNL collaborator(s) |  |
| Proposed project start/end dates |  |
| Cost/year including |  |
| * Cost for university subcontract(s) per year |  |
| * Other, e.g., travel, equipment (with justification), etc. (describe) |  |
| * Total cost/year (must be <$200K/year) |  |
| Estimated effort for each LLNL collaborators. (Note that funding for LLNL collaborators is not included in this proposal and LLNL collaborators need to obtain LLNL program approval prior to proposal submission.) |  |

# Proposal Summary (abstract)

Please include a Proposal Summary suitable for release through a publicly accessible archive should the proposal be selected. The Proposal Summary should be concise, should not exceed 4,000 characters in length, and should not contain any special characters, graphics, or formatting (use text only).

# Proposal Description (<10 pages)

A description of the problem, why this research and development is needed and how it relates to LLNL missions, your proposed solution and approach, existing research (if any) you are building upon, and measure of success.

How does the University/LLNL collaborative project support one or more of the following outcomes?

* Innovation in methodologies or processes, contributing toward basic science understanding, or providing independent perspective on existing methodologies or scientific understanding with potential paths forward
* Product (e.g., data, laboratory validated technology, implementable methodology)
* Career development for UC faculty
* Students and postdocs development
* What is the expected engagement scenario for UC research group to visit LLNL annually?
* What is the plan to forming a truly collaborative, trusting University/LLNL relationship? What is the expected method and level of university engagement?

# Expected Milestones and Deliverables (interim and final;½ page)

Please provide interim (at least yearly) milestones and deliverables, as well as final deliverables.

# Budget Proposal (for the duration of the project)

Proposers need to include budget figures for all years of the proposed project and summarize the budget proposal in the Summary Table. The proposal needs to justify the proposed budget, including the overhead rates (including indirect and benefits).

Budget proposal should include:

* UC faculty’s salary covered by this proposal.
  + Funds requested for fringe benefits must be calculated as the product of the requested salary and, if present, the negotiated fringe benefit rate contained in an institution’s negotiated indirect cost rate agreement.
  + Funds requested for indirect costs must be calculated using the correct indirect cost base and the negotiated indirect cost rate.
* Students’ salaries (including both undergraduate and graduate students).
* Postdocs’ salaries.
* Administrative support staff’s salaries
* Equipment and supplies, including laboratory and computational needs.
* Equipment is designated as an item of property that has an acquisition cost of $5,000 or more and an expected service life of more than one year.
  + Enter total funds requested for materials and supplies.
  + Enter total funds requested for ADP/Computer Services. Cloud computing costs must be included under this item. The cost of computer services, including computer-based retrieval of scientific, technical and education information may be requested.
* Travel, including conferences and LLNL visits.
* Publication costs.
  + Enter the total publication funds requested. The proposal budget may request funds for the costs of documenting, preparing, publishing or otherwise making available to others the findings and products of the work conducted under the sub-contract.

# List of Facility and Other Resources Needed to Support This Proposal

# Letters of Recommendation/References (limit of 3)

# Proposal Team (include PI and LLNL staff bios, not included in page count limit)

For faculty, please include a short bio or vitae.

For LLNL staff, please include statement from your program/division leadership to grant your time and funding for this collaboration. And please also indicate their support (by providing offices, equipment, administrative support) for hosting the visit by the PI and the research group.