**Artificial Intelligence, Imaging & Cancer RFA**

**Overview**

Thanks to a generous donation, the Helen Diller Family Comprehensive Cancer Center is requesting applications for projects that apply machine learning or artificial intelligence (AI) techniques to imaging data in cancer.  The project should focus on an innovative idea using imaging data along with AI to improve diagnosis, treatment selection, response assessment, or prognosis of cancer.

**Eligibility**

This RFA is open to any UCSF researchers with faculty status.

**Award Amount and Terms**

Up to $100,000 for 1-2 years. The second year is contingent upon receipt of a satisfactory progress report. Budgets should not include indirect costs. Faculty salary costs are allowed up to 5% of NIH cap.

**Review Criteria**

All applications will be peer reviewed. Preference will be given to applications with potential for clinical impact.

**Research Proposal Guidelines**

Please submit as a single PDF file:

* Cover page (below)
* Three-page research plan (11pt Arial, 1 line spacing) including no more than one page of preliminary data
* References (1 page)
* Letter of Support from Department Chair
* NIH biosketch (5 pages)
* Budget
* Budget justification

**Submissions**

Documentation should be emailed as a single PDF to Meredith Donnelly ([Meredith.Donnelly@ucsf.edu)](mailto:Meredith.Donnelly@ucsf.edu)) by April 19, 2021 at 2:00pm.

**Imaging & Cancer RFA**

**Application Cover Sheet**

Principal Investigator: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Administering Dept: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

RSA: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

IRB Approval Required: 🞎 YES 🞎 NO

Status of IRB Approval: 🞎 Approved 🞎 Not submitted 🞎 Pending, status: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

IACUC Approval Required: 🞎 YES 🞎 NO

Status of IACUC Approval: 🞎 Approved 🞎 Not submitted 🞎 Pending, status: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Proposal Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**The following are required materials to include with this cover sheet as a single PDF:**

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