



#AI2HEAL

TACKLE REAL-WORLD  
MEDICAL PROBLEMS USING  
ARTIFICIAL INTELLIGENCE!



## 2022 Datathon Participant Responsibilities & Application Instructions

### Timeline

Project Kickoff Week:	October 17 – 21, 2022
Datathon Project Development:	October, 2022 – December 21, 2022
Proposal Submission Deadline:	December 21, 2022 at 5:00 pm
Application Review/Preliminary Scoring:	December 22, 2022 – January 12, 2023
In-Person Competition Event:	January 12 – 13, 2023
Final Proposal Presentation:	Friday, January 13, 2023
Award Duration:	1 Year
Award Amount:	\$10,000

### Overview

The University of Florida College of Medicine Office of Research Affairs, in partnership with the University of Florida Intelligent Critical Care Center (IC<sup>3</sup>), is pleased to announce an inaugural funding opportunity for novel, collaborative, and experiential multidisciplinary medical artificial intelligence (AI) research. The AI2Heal Datathon will connect leading AI researchers with clinical and basic researchers to propose new ideas for harnessing AI tools to improve human health.

In the first annual AI2Heal Datathon, clinical and basic science investigative teams will work with leading AI researchers to develop accelerated medical AI applications using real-world datasets. The Datathon is an interactive catalyst grant award program designed to provide mentorship, support, and resources to **generate preliminary data that will support extramural medical AI grant proposals.**

### Responsibilities

As a contact PI, you will lead the team's proposal with direction from your Datathon Theme Leader. You will be responsible for providing timeline, task and responsibility development managing your teams' deliverables and making assessments of needs to accomplish your goals. Each team will be encouraged to meet once a week to discuss plans and progress to submit the completed application on time by the December 21, 2022 deadline. IC3 Administration will assist in providing meeting space, computing lab resources, or technical support as needed to complete your project. Stipends for graduate students to support trainee work time will be provided if needed. Assistance and funding will be provided by IC<sup>3</sup> to recruit AI/ML analysts to assist with project development and completion. The IC<sup>3</sup> will also be able to assist in any IRB needs, such as development and revisions. Please contact Natalie Wasykowski ([natalie.wasykowski@medicine.ufl.edu](mailto:natalie.wasykowski@medicine.ufl.edu)).

A final written pilot funding proposal will be submitted by December 21<sup>st</sup>, extending the conceptual idea first submitted in the letter of intent with preliminary results from the three-month working period. Proposals will be presented during the in-person competition event that will be held on January 12-13<sup>th</sup>, 2023. The January in-person two-day event will consist of (1) afternoon showcase of ongoing AI in Medicine research at UF, followed by opening reception; (2) half day of coding and collaborative documentation; (3) afternoon of team presentations, followed by closing reception and award ceremony. Each team's final proposal, including preliminary results from the project working period, and in-person presentation will be scored for innovation and significance as well as documentation of algorithms developed. At the conclusion of the event, selected teams will receive \$10,000 catalyst awards to continue developing their work into a complete extramural funding application.

## Application Requirements

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The IC3 Administration Core Utilizes Microsoft Forms for application intake. You can access [FULL APPLICATION HERE](#).

Available for all faculty and staff of the University of Florida, Microsoft Forms will utilize your UFID to access the application and will transmit directly to the Core office.

Our Datathon application requirements will follow standard NIH guidelines and page limits with exceptions marked below. For further details of what is expected please see [NIH How to Apply Application Guide](#) for assistance or contact IC3 Administration, Natalie Wasykowski at [natalie.wasykowski@medicine.ufl.edu](mailto:natalie.wasykowski@medicine.ufl.edu).

### Format

#### **Font (size, color, type density) and Line Spacing**

We recommend following the [NIH guidelines](#) for font size and spacing. Text in your attachments must follow these minimum requirements:

- **Font size:** Must be 11 points or larger. Smaller text in figures, graphs, diagrams and charts is acceptable, as long as it is legible when the page is viewed at 100%.
- **Type density:** Must be no more than 15 characters per linear inch (including characters and spaces).
- **Line spacing:** Must be no more than six lines per vertical inch.
- **Text color:** No restriction. Though not required, black or other high-contrast text colors are recommended since they print well and are legible to the largest audience.

We recommended the following fonts, although other fonts (both serif and non-serif) are acceptable if they meet the above requirements.

- Arial
- Georgia

- Helvetica
- Palatino Linotype

### Paper Size and Margins

- Use paper size no larger than *standard letter paper size (8 ½" x 11")*.
- Provide at least one-half inch margins (½") - top, bottom, left, and right - for all pages.

### Page Limits

The following page limits for attachments are to be followed:

Attachment	Limit
Biosketches ( <a href="#">NIH Guidelines</a> )	5 pages per investigator / 1 combined PDF
Scientific Abstract	30 lines
Lay Abstract	30 lines
Specific Aims	1 page
List of Abbreviations	½ page limit
Research Strategy	4 pages
References Cited	None
Multi-PI Plan	1 page
Expected Outcomes / Plans for Future Funding	1 page
Budget	Template
Budget Justification	None

### Required Information

#### A. Project Information

- I. Project Title
- II. Contact Principal Investigator
  - i. Home Department
- III. Budget Requested
  - i. Allowable Costs
    1. Direct costs only
    2. Funds for lab testing, assays, biomarkers and associated supplies may not exceed more than 20% of total budget
    3. Must be used within project period (1 year)
    4. Funds must be used for activities detailed in final application
  - ii. Unallowable Costs
    1. Support faculty salaries, student tuition, or other educational related expenses
    2. Major equipment, desktops or laptops computers, mobile devices, software or licensing fees
    3. Inpatient bed charges
    4. Conference registration and related travel expenses
    5. Manuscript submissions
- IV. Human Subjects
  - i. IRB associated number

## **B. Key Personnel**

- I. List of individuals who contribute to the scientific development or execution of the projects in a substantive or measurable way
  - i. Last Name, First Name, Home Department, Project Role

## **C. Proposal Attachments (page limits listed above)**

- I. Biographical Sketch Page for ALL Key Personnel (5 page per person limit)
- II. Scientific Abstract
- III. Lay Abstract
- IV. Specific Aims
- V. List of Abbreviations
- VI. Research Strategy
  - i. Background and Significance
  - ii. Preliminary Data
  - iii. Innovation/Potential impact of research
  - iv. Approach
- VII. References Cited
- VIII. Multi-PI Plan
- IX. Expected Outcomes and Plans for Future Funding
- X. Budget and Justification

## **Contacts**

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- Pinaki Sarder, PhD, Organizer – [pinaki.sarder@medicine.ufl.edu](mailto:pinaki.sarder@medicine.ufl.edu)
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