THE SANJIV SAM GAMBHIR — PHILIPS FELLOWSHIP
IN PRECISION HEALTH PROGRAM

A new fellowship program to honor Dr. Sam Gambhir and to support postdoctoral fellows pursuing research in radiology and precision health.

APPLICATIONS DUE
FEBRUARY 28, 2022
1. **OVERVIEW**

The Sanjiv Sam Gambhir – Philips Fellowship Program in Precision Health supports promising postdoctoral researchers conducting investigations in the fields of radiology and precision health and medicine. These areas include but are not limited to the following:

- New or improved Diagnostic Mechanisms, e.g., genomics, molecular diagnostics, and home/point of care diagnostics.
- Advanced Analytics, e.g., deep learning on unstructured data, integration of genomics, pathology and imaging data, and early predictive biomarkers of disease onset.
- Imaging Modalities, e.g., clinical decision support, advancement of imaging modalities, imaging quantitation, human-computer interfaces for image interaction, and image segmentation/feature extraction.
- Precision treatment, e.g., data driven personalized interventions.

Awardees conduct their research in the laboratory of, and under the guidance of, a faculty member with an appointment in the Department of Radiology.

2. **FUNDING INFORMATION**

Up to two fellowships may be awarded each year to support postdoctoral researchers conducting research in the focus areas outlined in Section 1. Awards will be for 1 year and will be used for Postdoctoral Fellow stipends and other required costs such as health care. Awards can be used for full support of the postdoctoral researcher or to supplement other sources of funds, including NIH training grants (i.e., if awarded, Postdoctoral Fellow could be at 50% or 100% effort based on preference).

A postdoctoral researcher receiving one of these fellowships may identify themselves as a “Sanjiv Sam Gambhir—Philips Fellow” in their curriculum vitae and in publications in which an awardee is a named contributor. Awardees should not use this title to promote commercial services.

3. **ELIGIBILITY AND REQUIREMENTS**

- Applications in response to this RFP will be solicited only from Postdoctoral Fellows who are or who will be working in the laboratory of a faculty member with an appointment in the Department of Radiology at Stanford University.
- Applicants must have a doctoral degree.
- A Postdoctoral Fellow may submit only one application.
- The award mechanism will support only the Postdoctoral Fellow. Support for additional individuals (e.g., Investigators, Co-Investigators) is not permitted.
4. **KEY DATES**

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<td>RFP Release</td>
<td>January 5, 2022</td>
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<td>Applications due</td>
<td>February 28, 2022</td>
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<td>Application review</td>
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5. **APPLICATION SUBMISSION PROCESS**

Submissions to be made at the following link:

[https://seedfunding.stanford.edu/apply/P8H4](https://seedfunding.stanford.edu/apply/P8H4)

Applications must follow the following formatting guidelines:

- **Document Format**: PDF only
- **Line Spacing**: Single
- **Font Type/Size**: Arial (11 point), Calibri (11 point), or Times New Roman (11 point)
- **Page Size**: 8.5 x 11 inches
- **Margins**: 0.5 inch, all sides
- Submissions not in PDF format and/or received after the submission date will **NOT** be accepted.

6. **APPLICATION COMPONENTS**

6.1. **Proposal (3 pages)**

The proposal should be presented in no more than three pages (Sections 6.1.1, 6.1.2, and 6.1.3). Applicants must respond to each section (and sub-section).

6.1.1. **Abstract and Significance**

Describe the specific question that will be addressed and the technical approach that will be used.

6.1.2. **Research Plan**

**Background**: Briefly describe the rationale behind the proposed study.

**Specific Aims**: Concisely state the hypothesis and the specific aims of the proposed research.

**Technical Approach**: Describe the experimental design, methodology, anticipated results, potential challenges, and alternative approaches.

**Percent Effort**: State the percent effort that the applicant will commit to the proposed study.

6.1.3. **References Cited**

Applicants should provide a concise and relevant list of references cited for the proposal.

6.2. **Letter of Support (1 page)**

Each application must include a letter of support from the Principal Investigator of the laboratory in which the applicant will complete the proposed research. The letter must state that the proposed work is within the scope of the research laboratory as it relates to the focus areas outlined in the RFP, that the research will be overseen by the laboratory Principal Investigator, and that the applicant will provide an annual report.
of the work that will be completed under this award. The letter should also describe how this award will contribute to the applicant’s career development.

**6.3. Curriculum Vitae (CV)**
Applicants should provide a CV that states their education and research training, publications, and presentations. While there is no page limit for the CV, applicants are requested to be appropriately concise. This component of the application is in addition to the four pages comprising the Proposal (three pages, Sections 6.1.1–6.1.3) and the Letter of Support (one page, Section 6.2).

**6.4. Budget**
A budget is not required from the applicant at the time of submission of the application.

**6.5. Vertebrate Animals and/or Human Subjects**
If vertebrate animals and/or human subjects will be used for the proposed work, appropriate approval from the Stanford Institutional Review Board must be obtained prior to the start of the research; documentation is not required at the time of submission of the application.

**7. APPLICATION REVIEW**
All eligible submissions will be evaluated by the Stanford Radiology Review Committee. Review of application will be based on scored criteria listed below and will evaluate the scientific merit of the proposed work. The review will evaluate and score each criterion and subsequently assign a score that reflects an overall assessment of the application. The overall assessment will not be an average of the scores of individual criteria; rather, it will reflect the overall impression of the application. The selection of awardees who will receive funding will be solely at the discretion of Stanford University.

**7.1. Review Criteria**
**Responsiveness to the RFP:** Is the application responsive to the RFP, specifically to the focus areas of interest?
**Impact and Innovation:** Does the project address a key aspect in advancing precision health? Will new methods, tools, or resources be developed?
**Research Plan:** Is the proposed project presented as a self-contained study? Is the overall strategy appropriate to accomplish the specific aims of the project?
**Applicant:** Does the applicant have the necessary training and expertise to conduct the proposed research?

**7.2. Selection of Awardees**
Applications judged to be most meritorious by the Stanford Review Committee will be rank-ordered and selected for funding based on portfolio balance across the focus areas.

**8. AWARD ADMINISTRATION**
Awardees will be required to submit progress reports that will summarize the nature and outcomes of the proposed study. Support from the Sanjiv Sam Gambhir - Philips Fellowship in Precision Health Program in the Department of Radiology will be acknowledged in publications and presentations in which the awardee is a contributing author.
CONTACT INFORMATION

For questions regarding this Fellowship Program, contact:

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9. ABOUT THESE FELLOWSHIPS

The Sanjiv Sam Gambhir – Philips Fellowships in Precision Health are made possible by a generous gift from Philips North America to honor Sanjiv Sam Gambhir, MD, PhD and his commitment to educating future generations of biomedical leaders, and to advance the field of precision health. Dr. Gambhir pioneered the discipline of molecular imaging and dedicated his life to early detection of cancer and other diseases. He also recognized that our health care and research infrastructure are built around treating people after they are sick, not keeping them healthy in the first place. In 2017, he established the Precision Health and Integrated Diagnostics (PHIND) Center to help create the future he envisioned for health care—a world in which technologies continuously monitor our health to keep us healthy. The PHIND Center pursues innovations and discoveries to understand disease risk, detect disease early, and enable preventative interventions.

Philips North America is a leading health technology company focused on improving people’s health and enabling better outcomes across the health continuum from healthy living and prevention, to diagnosis, treatment and home care. The company focuses on diagnostic imaging, image-guided therapy, patient monitoring and health informatics, as well as in consumer health and home care.