

# **YALE SPORE IN LUNG CANCER & HEAD AND NECK CANCER SPORE**

## **Joint Developmental Research Program Award: Cancer Disparities**

Provide support of up to \$50,000 for a translational pilot project focused on **disparities-related cancer research** in the field of Head and Neck and/or Lung cancer. Despite major progress in reducing cancer deaths and cancer incidence in the United States of America, health disparities exist across the country. Research in cancer disparities studies the differences in the incidence, prevalence, mortality, and burden of cancer and related adverse health conditions that exist among specific population groups in the U.S. These include American Indians / Alaskan Natives, Asian Americans, Black/African Americans, Hispanics/Latinos, Native Hawaiians and other Pacific Islanders, sexual and gender minorities, socioeconomically disadvantaged populations, and underserved rural populations.

**Award Amounts:** Up to \$50,000 for one year commencing August 1, 2022.

**Purpose:** To provide seed money to investigators to support studies with a strong translational or clinical component that have the potential to evolve into, or be incorporated into, a full Yale SPORE project in either Yale SPORE in Lung Cancer (YSILC) or the Yale Head and Neck SPORE (YHN-SPORE). Projects with multi-disciplinary collaborations and community-based participatory research studies are encouraged.

**Eligibility:** Open to investigators who hold a faculty appointment at an academic institution who fall into one of the following categories:

- 1) established investigators in lung or head and neck cancer who wish to address a translational question – not funded by current or pending grants/funds – related to cancer health disparities.
- 2) junior investigators holding a faculty appointment proposing innovative research in the arena of cancer health disparities that require preliminary data to apply for an R01 or equivalent research support
- 3) independent investigators with a previous and/or current R01 or equivalent funding whose research to date has *not* been specifically directed at lung or head and neck cancer, or even at cancer more generally, but who are interested in exploring the applicability of their particular expertise to these cancer types in a translational cancer health disparities-related project.

**Women and minority investigators are strongly encouraged to apply.**

### **Application Timeline:**

Letters of intent (LOI) are due no later than **April 29, 2022**

Applicants who are invited to submit a full application will be notified by **May 13, 2022**

Full applications are due no later than **July 1, 2022**

LOIs and full applications should be submitted online at: <https://yale.infoready4.com/>

Incomplete applications or those received after the deadline will not be considered.

# YALE SPORE IN LUNG CANCER & HEAD AND NECK CANCER SPORE

## Joint Developmental Research Program Award: Cancer Disparities

**Requirements:** If a grant is awarded, the P.I. and all co-investigators must agree to abide by the attached Grant Guidelines (page 4) and to participate in the DRP/CEP SPORE Symposiums to be held at Yale in April 2023 (tentative date).

### Review Criteria and Process

These awards are intended to support innovative pilot projects focused on cancer disparities applicable to human lung and head and neck cancer and with a significant translational research component. Data or evidence of collaboration generated from these pilot projects should be used for new, peer-reviewed grant applications or to be considered for evolution or incorporation into a full YSILC or YHN-SPORE project. Projects must be focused on cancer health disparities as defined by NCI: **differences in the incidence, prevalence, mortality, and burden of cancer and related adverse health conditions that exist among specific population groups in the U.S.** The major review criteria for this award are innovative ideas, scientific excellence, collaborative proposals, or on the potential for incorporation into the YSILC or YHN-SPORE as a full project at the conclusion of the DRP award funding period. Proposed projects should demonstrate the potential to meet the NCI's definition of translational research as follows: **translational research uses knowledge of human biology to develop and test the feasibility of cancer-relevant interventions in humans and/or determines the biological basis for observations made in individuals with cancer or in populations at risk for cancer.** Applications will be subjected to a study section-style review by members of the executive committee of and advisory boards of the YSILC and YHN-SPORE, and YCC Center for Community Engagement and Health Equity (CEHE).

### Types of Expenditure Allowed

- Salary support for investigators, lab personnel (No more than 25% effort (salary and fringe) for any personnel working on this research project)
- Contracted services
- Laboratory supplies and expenses, including animal costs and patient-related lab-tests
- Costs associated with use of Biospecimen Core and/or Biostatistics/Bioinformatics Core
- Publication costs

### Types of Expenditures NOT Allowed

- Secretarial/administrative personnel
- Office equipment and supplies; Office and laboratory furniture
- Tuition
- Registration fees for scientific meetings
- Purchasing or binding of periodicals and books
- Dues and membership fees in scientific societies
- Purchasing equipment
- Travel expenses

APPLICATIONS FOR THIS GRANT DO NOT NEED TO BE SENT TO  
THE OFFICE OF SPONSORED PROJECTS

**YALE SPORE IN LUNG CANCER &  
HEAD AND NECK CANCER SPORE**  
**Joint Developmental Research Program Award: Cancer Disparities**

**LOI are to include:**

1. A one-page letter of intent: listing the co-investigators (if applicable) and a concise description of the rationale, specific aims, research strategy, and impact of the proposed study.

**Full Applications are to include:**

1. A face page including the name and title of the P.I., institution, department, contact information, and title of the application. In addition, list all co-investigators (if applicable), their titles and departments.
2. A one-half page technical abstract of the proposed research (500 words maximum).
3. An NIH-style narrative description of the project (6-page limit for Specific Aims, Rationale, Preliminary Results, and Research Strategy).
4. A detailed budget, appropriately justified for proposed work (attached, page 5). This page must be signed by the P.I.'s business office.
5. NIH-style biosketch of P.I. and all other co-investigators
6. Other Support page for the P.I., including all active and pending support, and calendar months.
7. The status of Human Subject protocols. Protocols need not be approved prior to submission, but funding may not be made available until they are. Provide protocol number, approval date, approval period, and title.
8. The status of Vertebrate Animal protocols. Protocols need not be approved prior to submission, but funding may not be made available until they are. Provide protocol number, approval date, approval period, and title.
9. Identification of any proposed or potential collaborative associations with SPORE investigators, including anticipated utilization of SPORE Core Resources.
10. Identification of any links of participating investigators to commercial entities; if such associations exist, the individuals involved must provide written assurance that these interactions will uphold the principles of academic freedom, including their ability (and the ability of those associated with this work) to freely collaborate, including unrestricted exchange of research materials, and also that they will adhere to the intellectual property rights of the YSILC and YHN-SPORE under NIH funding agreements and Bayh-Dole Act requirements.
11. We encourage participants to discuss their applications with the Center for Research Engagement (CRE) Cancer Subcommittee to get community feedback on the research, the methods, or community engagement strategies.

NIH format restrictions apply (Arial 11 font; margins one-half inch all around). References are not included in the page limit. Supplementary appendix material will not be accepted.

**YALE SPORE IN LUNG CANCER &  
HEAD AND NECK CANCER SPORE**  
**Joint Developmental Research Program Award: Cancer Disparities**

**Grant Guidelines**

In order to responsibly manage funds, we have instituted the following guidelines regarding our grant programs. **Acceptance of an award indicates agreement to abide by these guidelines.** Failure to abide by these guidelines will jeopardize eligibility for future grants.

- 1. All publications resulting from research supported by this grant should contain an acknowledgement such as, “This research was supported in part by a pilot grant from the Yale Cancer Center”**
2. Written progress reports are required and must be provided by the specified deadline(s). Grantees will be notified at least two weeks prior to the deadline.
3. After the submission of progress reports, any additional publications or grants resulting from the grant must be promptly reported.
4. It is expected that the funds will be expended in full during the one-year duration of the grant. Spending will be monitored and unspent funds may be reclaimed if spending lags significantly.
5. Given that the intent of this funding mechanism is to result in an application for external funding, within one year, or for the potential of transition into a full SPORE project, no cost extensions are not allowed.
6. All grant recipients must respond promptly to requests for information about their grant from the Yale SPORE scientific leadership and administrative staff.
7. During the funding period, recipients may be asked to participate in a progress update meeting to describe their research, and are expected to accommodate these requests.

**YALE SPORE IN LUNG CANCER &  
HEAD AND NECK CANCER SPORE**  
**Joint Developmental Research Program Award: Cancer Disparities**

<b>COMPOSITE BUDGET FOR INITIAL BUDGET PERIOD DIRECT COSTS ONLY</b>	FROM	THROUGH
---	------	---------

List PERSONNEL (*Applicant organization only*)  
Use Cal, Acad, or Summer to Enter Months Devoted to Project  
Enter Dollar Amounts Requested (*omit cents*) for Salary Requested and Fringe Benefits

NAME	ROLE ON PROJECT	Cal. Mnth	Acad. Mnth	Summer Mnth	INST.BASE SALARY	SALARY REQUESTED	FRINGE BENEFITS	TOTAL
	PD/PI							
<b>SUBTOTALS</b> →								

CONSULTANT COSTS	
EQUIPMENT ( <i>Itemize</i> )	
SUPPLIES ( <i>Itemize by category</i> )	
OTHER EXPENSES ( <i>Itemize by category</i> )	

SUBTOTAL DIRECT COSTS FOR INITIAL BUDGET PERIOD	\$
TOTAL DIRECT COSTS FOR INITIAL BUDGET PERIOD	\$
Print & Sign, Dept. Business Manager: _____	