**REQUEST FOR APPLICATIONS: HHDC-Diabetes/Obesity and Cancer GRANT PROGRAM**

For projects specifically aimed specifically at collaboration between researchers in diabetes and cancer.

**TEAM SCIENCE AWARDS:**

The proposal must focus on the collaborative relationship, e.g. a basic scientist and clinician, such that the scientific objectives could not be achieved without the efforts of at least two investigators and their respective expertise and/or disciplines. The proposal must consist of two or more investigators who can develop a broadly based, multidisciplinary research program focused on clinically relevant basic, translational, behavioral, or community-based diabetes research. It is expected that the collaborative relationships will result in co-authored papers required for submission of multi-PI grants, program project grants, center grants, or other large collaborative-type grants. The Team Science program focuses on 4 key areas affecting diabetes. All types of science (basic, clinical, translational, epidemiological, etc.) are acceptable.

**This funding mechanism provides support for one year**. Funding for this program can be extended for up to three years, if funds are available, with the 2nd and 3rd year of funding based on: 1) Successful achievement of identified milestones; 2) The quality of specified milestones to be met during the next year of funding; **3) Submission of a team-type grant application to an external funding agency such as the NIH or other federal agency by the end of the 2nd year.** **Each proposal submitted must consist of two or more investigators with a single investigator identified as the Contact PI/Team Leader. Note:** Direct costs are limited to $100,000 per year for 3 years, and should reflect the actual needs of the proposed research. *Those investigators requesting funds beyond $100,000 in any 1 year may apply with permission of the Director of the HHDC.*

**Key Information**

Team Science Awards $100,000 per year up to 3 years

**Funding Priorities**

Applications that address the themes of the HHDC will be given higher priority. Each proposal must address one or more of the following themes that describe HHDC funding priorities:

**Theme 1**: Developmental programming and disease pathways across the lifespan, especially in the first 1000 days that accelerate development of obesity, type 2 diabetes, and cancer.

**Theme 2**: Environmental and genetic influences of obesity and cancer on the health of the pancreatic β cell.

**Theme 3:** Co-morbidities related to diabetes/obesity and cancer; basic or epidemiological studies.

**Theme 4:** Clinical care-outcomes /novel therapeutics for diabetes-and cancer including QI or AI (machine learning) initiatives or novel approaches to health care disparities for underserved populations in Oklahoma**.**

**Eligibility**

The PI of a Team science, or Pre-Team Science grant application must be a Member of the HHDC; the co-investigators (Multi-PI) do not have to be members at the time of application but if successful are required to become Members or Associate Members of the HHDC during the tenure of the grant. An OMRF or OU faculty member may be part of a Team Science grant, but cannot be the Lead PI on the project.

**Eligible applicants fall into one of three categories, listed in order of priority:**

**New investigator\*\*** without current or past major independent research support (e.g., NIH R01, P01 or equivalent). K awardees are encouraged to apply. Applications from new investigators (within 5 years of first full academic appointment and never having received independent federal funds) are given special consideration during peer review and at the time of funding. Eligible applicants must have a faculty appointment or equivalent with a modified title such as Research Assistant Professors. M.D. and Ph.D. fellows and senior postdoctoral fellows who have completed a minimum of 24 months of a fellowship are eligible in this category. Fellows must have a formal mentor and include a letter of support from their mentor(s) that 1) describes the trainee’s path to independence; 2) states that the proposed project belongs to the trainee; and 3) documents departmental support that will be available to the trainee during the 1-2 year period of the proposed project (please limit letter to 2 pages maximum).

**Established, funded investigator with no previous work in diabetes**- or obesity-related areas who will apply their expertise to a diabetes- or obesity-related problem.

**Established investigator in diabetes- or obesity-related areas** who will test the feasibility of a new or innovative idea that represents a significant departure from their funded research and which initiates a new collaboration with one or more other investigators active in diabetes- or obesity-related research.

\*\*Note: MD /Ph.D. Fellows and senior postdoctoral trainees are eligible for pilot awards if they are in their latter year(s) of training and have documented suitable expertise to design and carry out the proposed experiments as an independent, principal investigator. These applicants are required to have a formal mentor or mentoring committee, as well as a statement from their post-doctoral mentor that the research proposed represents an independent line of investigation that the mentee can build upon, and a defined mentoring plan, including plans for career development and transition to independence.

**Application Process**

**LETTER OF INTENT:**

A Letter of intent due to HHDCGrants@ouhsc.edu by **5PM** **January 15, 2021**. Applications selected for full application submission will be notified by **February 1, 2021**. The projected start date for the award will be July 1, 2021.. Please name the file LOI\_HHDC-SCC\_ TeamScience\_[PI Last Name, First Name].

LOI due January 15, 2021, and must include:

* Cover Page ([Template Provided](https://www.ouhealth.com/documents/content/FY21_LOI-Template.docx))
* One-page Abstract
* Budget
* NIH Biosketch for Key Personnel
* Mentor Support Letter (required for MD and PhD fellows and senior postdoctoral fellows only)

**FULL APPLICATION:**

Applicants selected for further review will be invited to submit a full application **DUE to HHDCGrants@ouhsc.edu by 5PM, March 15, 2021** to be reviewed and considered as a part of the HHDC- Diabetes/Cancer Grant Program. Each HHDC application will be submitted using PHF guidelines, terms and application form that will be provided by invitation only. Any projects that are not received by 5PM, March 15, 2021 will not be funded through the HHDC-Diabetes/Cancer Grant Program. Please be sure to have the application routed and signed the application through Office of Research Administration at minimum three days to the March 15, 2021 deadline.

**Applicants not selected to be part of the HHDC-PHF Diabetes Grant Program** may submit their applications through the regular PHF grant submission process.

**QUESTIONS**

For Administration questions or for special exception of the announcement approval, please contact Katie Hoefling at HHDCGrants@ouhsc.edu. For scientific matters contact Dr. Friedman, jed-friedman@ouhsc.edu.

**FACE PAGE 1**

UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER

HAROLD HAMM DIABETES CENTER – PILOT GRANT PROGAM - 2021

**LETTER OF INTENT**

**Project Type: HHDC-Diabetes/Obesity and Cancer Program**

**Award Type: Team Science Year One**

PI (If Team Science Grant-Team Leader):

Faculty Rank:

Institution/College/Department:

Campus Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**If applicable to the award type, include any additional investigators. Repeat as needed.**

Investigator:

Faculty Rank:

Institution/College/Department:

Campus Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**FACE PAGE 2**

PROJECT TITLE:

PROJECT SUMMARY (layman’s terms, no more than 250 words):

**Budget Request: $**

BUDGET (First Year)

**PERSONNEL** (For faculty, list % time effort. For non-faculty, list % time effort, salary, fringe benefits, and total):

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| Name/Position | %Effort | Salary | FringeBenefits | Total |
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**EXPENDABLE SUPPLIES** (List separately items such as biochemicals, glassware, and animal purchases):

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**TRAVEL** (Travel will be reimbursed at actual and reasonable expense):

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**OTHER COSTS** (include animal per diem and housing costs, or subawards if applicable):

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**TOTAL COSTS (Not to exceed $100,000) $\_\_\_\_\_\_\_\_\_\_\_\_\_\_**