

**SPECIFIC AIMS (1 PAGE)**

Summarize the broad, long-range objectives and goals of the proposed Research Program.

[See below for additional sections]

## **RESEARCH PLAN (12 PAGES)**

- Overall, the idea is to tell the story of your program, both in the context of the scientific story and how the science is enhanced by being in the context of the Cancer Center.
- Emphasize the three T's: Transdisciplinary, translational, and transformative (impactful).
- Emphasize outputs

### **A. Program Overview (~1 page)**

### **B. Program Leaders (~0.75 page):**

- Convey leadership expertise in the context of “effective scientific leadership, with a history of cancer-related funding appropriate to the nature of the Program, provides intellectual stimulation, cohesion, focus, and direction.”
- Specifically describe how leader(s) facilitate the discovery process and promote transdisciplinary research important to cancer, and any projected use of funds to support other scientific activities.

### **C. Program Members (~0.75 page):**

- How do the interests, expertise, and research approaches of the Program members and other collaborators facilitate achievement of the central themes and scientific goals?
  - Emphasize trans-disciplinary membership composition of the program
- Description of member areas of expertise, their commitment to work together and how they contribute to the program.
  - Explain (in general terms – you don't have to describe each member separately), the importance of members who do not hold peer-reviewed grants, but contribute to the research objectives in the Center in other ways (e.g., development and implementation of clinical activity, including authorship on clinical protocols, accrual of patients to interventional trials, and leadership roles in NCI NCTN).
- Discuss member selection (e.g., individuals with scientific excellence aligning with program areas of focus, commitment to work together to further scientific goals of the Center).

### **D. Scientific accomplishments (~ 4 – 6 pages):**

- Describe the most significant scientific accomplishments of the Program within the last full project period and the effect of those accomplishments. Focus on projects that exemplify the “three T's”: Transdisciplinary, Translational, Transformative
- For programs with clinical trials, describe activated interventional clinical trials that are making a difference, e.g., advancing the field of changing medical practice.

### **E. Inter- and intra-programmatic interactions: *Trans-disciplinary interactions* (~1 – 2 pages)**

- Highlight inter- and intra-programmatic interactive accomplishments: collaborative research projects, joint publications, colloquia, joint seminar series, etc.
- Past and planned strategies for promoting increasing levels of interaction (e.g., meetings, seminars, retreats, key recruitments)

### **F. External collaboration: *Extending trans-disciplinary interactions* (~0.5 – 1 page)**

- Highlight external interactive accomplishments: collaborative research projects, strategic partnerships, etc.
- How are scientific findings by Center investigators advanced:
  - via translational and clinical funding mechanisms from NCI (e.g., grants for SPOREs, Phase I/II consortia,
  - by program projects, and NCTN and other sources.
  - via collaborations with additional partners, such as other institutions or industry

### **G. Shared Resources (~0.5 – 1 page)**

- Discuss how the Shared Resources have supported the scientific accomplishments.

### **H. Program impact: *Transformative achievements* (~1 – 2 pages)**

- Catchment area: Describe research relevant to the catchment area: This may include, for example, a discussion of research focused on cancer health disparities (e.g., problems affecting racial and ethnic minorities, rural residents, women, children, elderly, persons of low socioeconomic status), cancer sites of high incidence/mortality, environmental exposures, behavioral factors, or other issues.
- Products/technologies/processes/models developed
- Resource/data sharing
  - How are findings disseminated to the catchment area
  - What examples are there of data/research sharing to the scientific community (e.g., PDX data being available freely, contribution to online databases, development and sharing of model organisms, etc.)
- Impact of individuals (e.g., Key leadership roles on the national/State level)
- Training/education

### **I. Future plans and vision (~1 page)**

**PROJECT SUMMARY/ABSTRACT (1 PAGE)**

- Central theme
- Number of program members and number of departments and schools represented [put a placeholder here for now]
- NCI and other peer reviewed cancer-related support for the last budget year [put a placeholder here for now]
- Total number of program publications and the percent that is intra- and inter-programmatic and/or collaborative with investigators in other institutions [put a placeholder here for now]

**[See below for additional sections]**

## **ATTACHMENTS**

- **Shared Resource use (no page limit)**

*Provide a list of shared resources and other services used by program members*

- **Intra- and inter-programmatic activities (no page limit)**

*Provide a list of intra- and inter- programmatic activities and external collaborations. (e.g., meetings, seminars, multi-investigator grants and publications, retreats, and working groups; and other significant collaborative activities with investigators outside of the center).*

- **Program-related publications (no page limit)**

**[Placeholder for now]**

- *Admin will provide a full list of programmatic publications in mid-July.*
- *Program leaders must then provide a selected list of program-related publications. Include only those that have made an important scientific contribution, had a significant effect for patients and the public, or particularly illustrate intra- and inter-programmatic or other multi-institutional collaborations. Publications should represent the broad diversity of Program members.*

- **Members (no page limit)**

**[Placeholder for now]** *List of members.*

- *Admin will provide list*
- *Program leaders will need to add their role in the program (e.g., research; development and implementation of the Center's clinical activity, including authorship of clinical trials, accrual of patients to interventional trials, and leadership roles in NCI NCTN studies)*

**[Attachments to be provided by administration]**

- *List of funded cancer related projects (will provide mid-July)*
- *List of clinical research and accrual*