

Program for the Promotion of Interdisciplinary Team Science (POINTS)

The Yale School of Medicine (YSM) Office of Team Science will support teams of investigators to address major questions in basic, clinical, and translational science and partner with them on grant submissions to obtain federal or major foundation funding for sustainable support for these projects. To nucleate new projects, we will provide \$50,000 to \$200,000 to groups of two to five investigators, led by a YSM faculty member, in support of research projects having the potential to achieve program project or center funding (i.e., U01, U54, P01, P30, P50, comparable large grants from other federal and non-federal agencies). **Evidence of collaboration and alignment with an existing RFA are highly encouraged.**

Timeline:

Every year two competitions will be launched and awarded.

Each competition has two phases:

- 1) Letter of intent required
- 2) Full application by invitation only

1) Letter of intent (LOI) deadlines

September 1st

March 1st

We are accepting LOIs on a rolling basis as well to accommodate new RFAs

2) Full application deadlines (if LOI is accepted)

November 15th

May 15th

Award start dates:

January 1st

July 1st

RFA dates	LOI due	Full application due	Award Start Date
1 st	09/01	11/15	01/01
2 nd	03/01	05/15	07/01

Purpose:

To provide seed money to teams of investigators within the YSM community to generate preliminary data and evidence of collaboration sufficient to obtain extramural funding, such as multi-investigator U01, U54, P01, P30, or P50 grants.

Award amount:

From \$50,000 up to a maximum total award of \$200,000 for a project period of one to two years

Eligibility:

Teams of scientists led by a YSM faculty member may apply. Non-YSM investigators are allowed to participate as project leaders, collaborators, etc.

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Requirements:

PIs and all project leaders must agree to abide by the grant guidelines detailed below:

1. Submission files:

Phase 1: Letter of intent

Letters of intent shall contain the following:

1. Descriptive proposal title
2. Lead PI and project PIs names and contact information
3. Names of key personnel
4. A 1-page Statement addressing the overall objective of the project describing the potential to:
 - (a) advance an interdisciplinary approach to address an important question in basic, clinical, and/or translational science
 - (b) result in the submission of a multi-project grant application such as a U01, U54, P01, P30, or P50.

Grant mechanism and timeline targeted should be identified

5. Specific Aims (1-2 pages)
6. Description of ongoing collaborations, including collaborative publications and/or joint grants among team members (if applicable)

Phase 2: Full application

Overall Section for multi-project applications

1. Face page to include
 - a. application title
 - b. PI name, title, department, and contact information
 - c. project titles
 - d. project leader name(s), title(s), and department(s)
2. Abstract (500-word maximum) of overall project
3. Description (500-word maximum) of how the proposed program will facilitate (a) an interdisciplinary approach to address an important question in basic, clinical, and/or translational science and (b) the submission of a multi-project grant application such as a U01, U54, P01, P30, or P50.
4. Description of overall aims, background, and significance (1 page)
5. Consolidated budget incorporating all proposed projects, signed by PI's business office (use PHS 398 form below).
6. Detailed timeline for specific aims and milestones during the project period and timeline for submission of a full proposal to NIH (or other funding agency).
7. NIH biosketch for lead PI and MPIs

Each Project/Core:

1. Face page to include
 - a. project title
 - b. project leader name(s), department(s), and contact information
 - c. project personnel name(s), department(s), and contact information
2. Abstract (300-word maximum) for the project

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3. Specific Aims (1 page)
4. Research Strategy including background and significance, preliminary data, and experimental design and methods (2-3 pages)
5. Budget for each project (in PHS 398 format) signed by project leader's business office
6. NIH biosketch for project leader and all collaborating faculty
7. Status of human subject protocols, including protocol number, approval date, approval period, and title (if applicable)
8. Status of vertebrate animal protocols, including protocol number, approval date, approval period, and title (if applicable)
9. Letters of collaboration

2. Budget:

Faculty effort and cost-share not required; OSP approval not required

Expenditures Allowed

- Salary and fringe for research project personnel (maximum 25% effort each at NIH cap)
- Personnel support for biostatistical analysis (maximum 25% effort)
- Laboratory supplies and expenses, including animal costs
- User fees for core facilities
- Costs related to tissue collection and analysis
- Equipment costs (up to \$2,500). *Title to equipment shall be vested in the Institution.*

Expenditures NOT Allowed:

- Faculty salary support (faculty % effort not required)
- Secretarial/administrative personnel
- Office equipment and supplies
- Office or lab furniture
- Tuition
- Publication costs, including reprints
- Registration fees for scientific meetings
- Purchasing or binding of periodicals and books
- Dues and membership fees in scientific societies
- Travel expenses
- Subcontracts (External collaborators may be included in the proposal, but no funds will be distributed outside Yale unless the partnering institution waives indirect costs.)

Funds shall be expended in full during the one- to two-year duration of the grant. Spending will be monitored, and unspent funds may be reclaimed if spending lags significantly. Use of funds shall be restricted to those allowable expenses outlined above.

3. Cost Extensions:

Given the intent of this funding mechanism to result in an application for external funding within one to two years, cost extensions are not encouraged; however, a single extension of up to six months with no additional funds will be considered on a case-by-case basis upon written request with justification from the PI. All such requests must be received no less than 30 days before the original end date of the grant and will be contingent upon reported progress.

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4. Progress reporting:

- A 1-page progress report every 6 months.
- A final report (2-3 pages) at the end of the project period to include:
 - Description of research progress
 - Progress in identifying an appropriate funding announcement for a full grant submission
 - Time frame for grant submission
 - Any grants submitted or planned
 - Publications resulting from POINTS research (manuscripts submitted, planned, or currently in preparation)
 - Other collaborative interactions among POINTS team members (e.g., joint lab meetings, seminars, etc.)
 - Description of any challenges or other issues affecting project progress

Additional Guidance:

- Actual awards may be less than the requested amount.
- POINTS award applications do not need to be sent to the Office of Sponsored Projects for approval.
- Protocols need not obtain IRB/IACUC approval prior to submission, but funding may be contingent upon approval.
- NIH format restrictions apply (Arial 11 font; margins one-half inch all around). Figures are included in the page limit; references are not included in the page limit.
- Award acceptance indicates agreement to abide by the guidelines below. Failure to abide by these guidelines may jeopardize future eligibility.

Review criteria and process:

Major review criteria for this award are scientific excellence and likelihood that the proposed program will result in (1) the advancement of an interdisciplinary approach to address an important question in biomedical translational science and (2) the submission of a multi-project grant application such as a U01, U54, P01, P30, or P50.

Applications will undergo a two-step review process:

- (1) Letters of intent will be solicited to confirm project alignment with POINTS objectives
- (2) a limited number of proposals will be invited to submit a full application for review by a panel appointed by the Dean of YSM.

Questions and contact:

If you have questions about the POINTS program, please reach out to:

Anna Arnal Estapé, PhD
anna.arnal@yale.edu

Office Hours (BCMM 110D): [Book your appointment here](#)

Tuesday's: 4:30-5:30pm

Thursday's: 9-10am

**DETAILED BUDGET FOR INITIAL BUDGET PERIOD
DIRECT COSTS ONLY**

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. Mnths	Acad. Mnths	Summer Mnths	INST.BASE SALARY	SALARY REQUESTED	FRINGE BENEFITS	TOTAL
	PD/PI							
SUBTOTALS →								

CONSULTANT COSTS

EQUIPMENT (*Itemize*)SUPPLIES (*Itemize by category*)

TRAVEL

INPATIENT CARE COSTS

OUTPATIENT CARE COSTS

ALTERATIONS AND RENOVATIONS (*Itemize by category*)OTHER EXPENSES (*Itemize by category*)

CONSORTIUM/CONTRACTUAL COSTS

DIRECT COSTS

SUBTOTAL DIRECT COSTS FOR INITIAL BUDGET PERIOD (*Item 7a, Face Page*)

\$

CONSORTIUM/CONTRACTUAL COSTS

FACILITIES AND ADMINISTRATIVE COSTS

TOTAL DIRECT COSTS FOR INITIAL BUDGET PERIOD

\$

**BUDGET FOR ENTIRE PROPOSED PROJECT PERIOD
DIRECT COSTS ONLY**

BUDGET CATEGORY TOTALS	INITIAL BUDGET PERIOD <i>(from Form Page 4)</i>	2nd ADDITIONAL YEAR OF SUPPORT REQUESTED	3rd ADDITIONAL YEAR OF SUPPORT REQUESTED	4th ADDITIONAL YEAR OF SUPPORT REQUESTED	5th ADDITIONAL YEAR OF SUPPORT REQUESTED
PERSONNEL: <i>Salary and fringe benefits. Applicant organization only.</i>					
CONSULTANT COSTS					
EQUIPMENT					
SUPPLIES					
TRAVEL					
INPATIENT CARE COSTS					
OUTPATIENT CARE COSTS					
ALTERATIONS AND RENOVATIONS					
OTHER EXPENSES					
DIRECT CONSORTIUM/ CONTRACTUAL COSTS					
SUBTOTAL DIRECT COSTS <i>(Sum = Item 8a, Face Page)</i>					
F&A CONSORTIUM/ CONTRACTUAL COSTS					
TOTAL DIRECT COSTS					
TOTAL DIRECT COSTS FOR ENTIRE PROPOSED PROJECT PERIOD					\$

JUSTIFICATION. Follow the budget justification instructions exactly. Use continuation pages as needed.