|  |  |
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| PPT-CCTST-Element1.tifPPT-CCTST-Element1 | **Center for Clinical and Translational Science and Training**University of Cincinnati Academic Health Center3333 Burnet AvenueLoc. S, 10th Floor, Suite 300, ML 11028Cincinnati, OH 45229Voice: 513.803.1044Fax: 513.803.1039Web: cctst.uc.edu |
|  |

**Just-In-Time Core Grant**

**Application Instructions**

**Funding Period: 7/1/2014-6/30/2015**

## Application Submission Deadlines: July 1, 2014, October 1, 2014 and February 1, 2015

For questions regarding these instructions, please visit <http://cctst.uc.edu/programs/pilot> or contact Bettie

Durant at 513-803-2610 or bettie.durant@cchmc.org.

1. **Background:** The Center for Clinical and Translational Science and Training (CCTST) is supported by the NIH Clinical and Translational Science Award. The mission of the CCTST is to stimulate research that has the potential to positively impact human health. The mission of the Just-In-Time (JIT) grant mechanism is to enable investigators to use UC or CCHMC Core facilities to obtain critical data for submission of a competitive extramural proposal, patent application or commercialization agreement.
2. **Purpose of grants:** This small grants program is designed to support basic, clinical and translational science investigators who require the services of an institutional core to develop key preliminary data for federal (K23, R01, DOD, VA, etc.), foundation or professional association grant funding. Investigators may apply for up to $7,500 annually in support for core services that would directly facilitate the submission of a new or revised application for extramural funding. The Just-In-Time funding must be spent within 6 months of award and within the fiscal year awarded (July 1, 2014-June 30, 2015).
3. **Participating cores:**

[**Affymetrix Core**](http://www.cincinnatichildrens.org/research/cores/affymetrix/default.htm)

Cincinnati Children’s Hospital Medical Center

[http://www.cincinnatichildrens.org/research/cores/affymetrix/default.htm](http://www.cincinnatichildrens.org/research/cores/affymetrix/default.htm%20%20)

 Director: Steven Potter, PhD, steve.potter@cchmc.org, 513-636-4850

[**Cell Processing and Manipulations Laboratory**](https://research.cchmc.org/translationalcores/cellular-processing/gmp-cell-manipulation)

[Cincinnati Children's Hospital Medical Center](http://www.cincinnatichildrens.org/research/div/exp-hematology/translational/cml/default.htm?WT.mc_id=100704&utm_campaign=Hematology-Oncology&utm_content=cml&utm_medium=Web-Print&utm_source=Shortcut)<https://research.cchmc.org/translationalcores/cellular-processing/gmp-cell-manipulation>

Scientific Director: Carolyn Lutzko PhD, carolyn.lutzko@cchmc.org, 513-803-2420

[**Center for Autoimmune Genomics and Etiology (CAGE)**](http://www.cincinnatichildrens.org/research/divisions/a/genomics-etiology/default/)

Cincinnati Children’s Hospital Medical Center

<http://www.cincinnatichildrens.org/research/divisions/a/genomics-etiology/default/>

Contact: John Harley, John.Harley@cchmc.org, 513-803-3665

[**Center for Imaging Research**](http://www.cir.uc.edu/)

University of Cincinnati

[http://www.cir.uc.edu](http://www.cir.uc.edu )

Director: Stephen Strakowski, MD, strakosm@uc.edu, 513-558-4871/558-2958

[**Clinical Mass Spectrometry**](http://www.cincinnatichildrens.org/research/divisions/p/pathology/spectrometry-lab/)

Cincinnati Children’s Hospital Medical Center <http://www.cincinnatichildrens.org/research/divisions/p/pathology/spectrometry-lab/>

Director: Kenneth D. Setchell, PhD, kenneth.setchell@cchmc.org, 513-636-4548

[**Confocal Imaging Core**](https://research.cchmc.org/cic/)

Cincinnati Children's Hospital Medical Center

<https://research.cchmc.org/cic>/

Director: Matthew Kofron, PhD, matthew.kofron@cchmc.org, 513-803-9055

[**Cytokine Core**](http://www.cincinnatichildrens.org/research/divisions/d/dhc/cores/gene-protein/protein-multiplexing-service/)

Cincinnati Children’s Hospital Medical Center
<http://www.cincinnatichildrens.org/research/divisions/d/dhc/cores/gene-protein/protein-multiplexing-service/>

Director: Sherry Thornton, PhD, sherry.thornton@cchmc.org, 513-636-1318

[**Diagnostic Immunology Lab**](http://www.cincinnatichildrens.org/svc/alpha/c/cancer-blood/immune-deficiency/diagnostic-lab.htm)

[Cincinnati Children's Hospital Medical Center](http://www.cincinnatichildrens.org/research/div/exp-hematology/translational/cml/default.htm?WT.mc_id=100704&utm_campaign=Hematology-Oncology&utm_content=cml&utm_medium=Web-Print&utm_source=Shortcut)

<http://www.cincinnatichildrens.org/svc/alpha/c/cancer-blood/immune-deficiency/diagnostic-lab.htm>

Director: Alexandra (Lisa) Filipovich, MD, lisa.filipovich@cchmc.org, 513-636-7206

[**Echocardiography Core**](http://www.cincinnatichildrens.org/research/cores/echocardiography/default.htm)

Cincinnati Children’s Hospital Medical Center

[http://www.cincinnatichildrens.org/research/cores/echocardiography/default.htm](http://www.cincinnatichildrens.org/research/cores/echocardiography/default.htm%20%20)

Director: Thomas R. Kimball, MD, tom.kimball@cchmc.org, 513-636-8270

[**Genetic Variation and Gene Discovery Core Facility**](https://dna.cchmc.org/www/main.php)- Computational Medicine Center

Cincinnati Children’s Hospital Medical Center

<https://dna.cchmc.org/www/main.php>
Contact: Mehdi Keddache, mehdi.keddache@cchmc.org, 513-636-0122

[**Genomics, Epigenomics and Sequencing Core**](http://microarray.uc.edu/)

University of Cincinnati

<http://eh.uc.edu/genomics/>

Director: Shuk-mei Ho, PhD, hosm@ucmail.uc.edu, 513-**558-5701**

[**The Heart Phenotype Lab**](http://www.med.uc.edu/pharmacology/IHL/)

University of Cincinnati
<http://www.med.uc.edu/pharmacology/IHL/>

Director: Jo El Schultz, PhD, Jo.E.Schultz@uc.edu, 513-558-9754

[**Human Genetics Core**](http://www.cincinnatichildrens.org/research/div/genetics/default.htm)

Cincinnati Children’s Hospital Medical Center

[http://www.cincinnatichildrens.org/research/div/genetics/default.htm](http://www.cincinnatichildrens.org/research/div/genetics/default.htm%20)

Director: Greg Grabowski, MD, greg.grabowski@cchmc.org, 513-636-7290

[**Imaging Research Center**](https://irc.cchmc.org/)

Cincinnati Children’s Hospital Medical Center

[http://www.irc.cchmc.org](http://www.irc.cchmc.org )

Director: Chuck Dumoulin, PhD, Charles.Dumoulin@cchmc.org, 513-636-7721

[**Laboratory Animal Medical Services (LAMS)**](http://medcenter.uc.edu/lams) **– per diem cost not allowed**

University of Cincinnati

<http://medcenter.uc.edu/lams>

Interim Directors: George Babcock (babcocgf@uc.edu, 513-872-6231) or Jane Strasser(strassje@uc.edu, 513-558-5034)

[**Live Microscopy Core**](http://med.uc.edu/physiology/resources_microscopy.htm)

University of Cincinnati

<http://www.med.uc.edu/physiology/RESOURCES_microscopy.htm>

Director: Marshall H. Montrose, PhD, marshall.montrose@uc.edu, 513-558-5636

Manager: Chet Closson, chet.closson@uc.edu, 513-558-3791

**Metabolomics Core**
 Cincinnati Children’s Hospital Medical Center
 Director: Lindsey Romick-Rosendale, PhD, metabolomics@cchmc.org, 513-803-2765

[**Pathology Core**](http://www.cincinnatichildrens.org/svc/alpha/p/pathology)

Cincinnati Children’s Hospital Medical Center

<http://www.cincinnatichildrens.org/svc/alpha/p/pathology/>

Director: David Witte, MD, david.witte@cchmc.org, 513-636-4261/513-303-1785

[**Pharmacometrics**](http://math.uc.edu/~siva/NONMEM/page2/index.htm)

University of Cincinnati and Cincinnati Children’s Hospital Medical Center

<http://math.uc.edu/~siva/NONMEM/page2/index.htm>

Director: Sander Vinks, PharmD, PhD, sander.vinks@cchmc.org, 513-636-0159

[**Pluripotent Stem Cell Facility**](https://research.cchmc.org/stemcell/)

Cincinnati Children’s Hospital Medical Center

<https://research.cchmc.org/stemcell/>

Director: James Wells, PhD, james.wells@cchmc.org, 513-636-9254

[**Protein Informatics Core**](https://research.cchmc.org/proteincore/)

Cincinnati Children’s Hospital Medical Cente

<https://research.cchmc.org/proteincore/>

Contact: Jarek Meller, jmeller@cchmc.org, 513-636-0270

[**Proteomics Core**](http://cancerbiology.uc.edu/content/proteomics-laboratory)

University of Cincinnati

<http://cancerbiology.uc.edu/content/proteomics-laboratory>

Director: Kenneth Greis, PhD, kenneth.greis@uc.edu, 513-558-7102

[**Pyrosequencing Lab for Genomic and Epigenomic Research**](https://research.cchmc.org/plge/)

Cincinnati Children’s Hospital Medical Center

<https://research.cchmc.org/plge/>

Director: Hong Ji, PhD, hong.ji@cchmc.org, 513-803-5055

[**Research Flow Cytometry Core**](http://www.cincinnatichildrens.org/research/cores/flow-cytometry/default/)

Cincinnati Children's Hospital Medical Center

<http://www.cincinnatichildrens.org/research/cores/flow-cytometry/default/>

Director: Sherry Thornton, PhD,sherry.thornton@cchmc.org, 513-636-1318

[**Structural Biology and Protein Expression/Purification Facility**](http://molgen.uc.edu/research/structural/structural.aspx)

University of Cincinnati Department of Molecular Genetics, Biochemistry & Microbiology
 <http://molgen.uc.edu/research/structural/structural.aspx>

Contact: Tom Thompson, PhD, tom.thompson@uc.edu, 513-558-5525

[**Transgenic Animal and Genome Editing Core**](http://www.cincinnatichildrens.org/research/cores/default/)

Cincinnati Children’s Hospital Medical Center
<http://www.cincinnatichildrens.org/research/cores/default/> or <http://centerlink.cchmc.org/Content1/100180/>

Director: Yueh-Chiang Hu, PhD, yueh-chiang.hu@cchmc.org, 513-803-4962

[**Translational Trials Development and Support Laboratory**](https://research.cchmc.org/translationalcores/ttdsl)

**Cincinnati Children’s Hospital Medical Center**

<https://research.cchmc.org/translationalcores/ttdsl>

Director: Elke Grassman, elke.grassman@cchmc.org, 513-636-0958

[**Vector Production Facility**](https://research.cchmc.org/translationalcores/vector-production/gmp-vector-production)

Cincinnati Children's Hospital Medical Center

<https://research.cchmc.org/translationalcores/vector-production/gmp-vector-production>

Director: Punam Malik, MD, punam.malik@cchmc.org, 513-636-8588

[**Viral Vector Core**](https://research.cchmc.org/translationalcores/vector-production/pre-clinical-and-research-vector-products)

Cincinnati Children's Hospital Medical Center
<https://research.cchmc.org/translationalcores/vector-production/pre-clinical-and-research-vector-products>

Director: Punam Malik, MD, punam.malik@cchmc.org, 513-636-8588

[**Vontz Core Imaging Laboratory (VCIL)**](http://www.med.uc.edu/radiology/research/facilities/vontz.aspx)

University of Cincinnati

[www.med.uc.edu/radiology/research/facilities/vontz.aspx](http://www.med.uc.edu/radiology/research/facilities/vontz.aspx)

Director: Mariano Fernandez-Ulloa MD Mariano.fernandez-ulloa@uchealth.com, 513-584-4282

**NOTE**: If the Core you wish to use is not on this list, or if you are a Core Director and would like your Core to be considered, please send a formal request to have it added to the approved list to

bettie.durant@cchmc.org. Include rationale regarding how your Core is utilized for clinical or translational studies. The CCTST leadership will consider the request.

1. **Eligibility**: Applications will be accepted from all full time (80% or greater FTE) faculty members in the Academic Health Center (AHC), including basic scientists, physicians, nurses, and other health care faculty with advanced degrees (MD, PhD, MD-PhD or equivalent). Collaborative groups of investigators spanning disciplines and programs made up of basic and clinical faculty are strongly encouraged.
2. **CCTST Membership**: All applicants for Just-In-Time grant consideration must be CCTST members. CCTST membership is free and open to all. For more information about CCTST membership and our online membership registration form go to <http://cctst.uc.edu/user/register>.
3. **Process**: Applicants must submit a 1-page proposal in the format listed below. There are three deadlines per year, July 1, October 1, and February 1. Funds must be utilized within the awarded fiscal year.
4. **Signatures:** The signatures of all participating investigators and their respective division director or departmental chairperson(s) are required.
5. **Application forms and guidelines**: Applications must be assembled as a single PDF file and sent by electronic mail to Bettie Durant (email address: bettie.durant@cchmc.org) by midnight on one of the application submission deadline dates listed above. The application form was modified from the PHS 398 form located at <http://Grants.Nih.Gov/Grants/Funding/Phs398/Phs398.html>) and is attached. This RFA announcement is also published on the CCTST website under Funding Opportunities, <http://cctst.uc.edu/funding> or under Pilot and Collaborative Translational and Clinical Studies, <http://cctst.uc.edu/programs/pilot>.

Only routine Core costs are allowed. Applications containing costs for supplies, animals, or salaries outside of routine core costs will be denied. Labs/investigators that have received CCTST funding in the past 12 months are not eligible for JIT funding. The highest priority for JIT funding is a recent, scored but unfunded extramural proposal that cites a critical data deficiency that is addressable with UC or CCHMC Core funding. High priority will also be given to applications that support a successful letter of intent to an extramural agency, or resubmission of an unfunded, recent grant.

1. **Composition of research proposal:** Proposals should include a face page, biosketch and a 1-page brief description of the project including the following items: a) cite any prior CCTST funding, resulting grant submissions and outcomes, b) state whether current JIT proposal supports a successful, extramural letter of intent, scored but unfunded extramural grant submission, or resubmission of an unfunded grant, c) background, d) hypothesis, e) aims, f) a clear, itemized, one or two sentence description of how the funds will be spent (up to $7,500), g) plans for future grant submission including agency and date, h) attestations that; 1. JIT proposal does not overlap with other CCTST funding for investigator or laboratory, 2. You will notify CCTST of future grants (submitted, received denied), patent applications and licensing agreements, and comply with CCTST queries and requests for information, and 3. You have consulted with the Core Director prior to submission, and he/she has completed the CCTST Just-in-Time Core Director Approval Form (below). Proposals must be submitted in single-spaced text, with one-half inch margins, and font no smaller than 11-point Arial or Helvetica typeface is preferred.
2. **Review criteria:**

Applications will be reviewed based on responsiveness to the RFA, scientific merit, feasibility, and the specific plans for utilizing the Pilot Data to be obtained from the JIT funding. Applications must clearly state how the results will support the development of an external grant funding application.

**The ten most common reasons that JIT applications are denied include:**

1. An itemized budget was not included.
2. Scientific priority was low.
3. No/inadequate description of planned/future JIT-dependent grant application submission.
4. Lack of clarity as to whether the anticipated data would be necessary or sufficient to support an external grant application.
5. Budget scope extends beyond routine core costs.
6. The support requested overlaps with existing research funding.
7. The applicant had received CCTST funding within 12 months preceding JIT submission.
8. Project falls outside the scope of the JIT mechanism.
9. Prior JIT grant funded, but no extramural grant or patent was submitted.
10. Failure to confer with a CCTST Core director.

JIT Grant Application Instructions 2014-06-11 rev.docx

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| --- |
| CCTST Pilot Grant Program**Just-In-Time Core Funds Grant Application** |
| 1. TITLE OF PROJECT *(Do not exceed 56 characters, including spaces and punctuation.)*      |
| 1a. Type of application: [ ]  Research proposal [ ]  TR Faculty Development Award [ ]  Retreat proposal [ ]  Core proposal |
| **2. PRINCIPAL INVESTIGATOR/PROGRAM DIRECTOR** | **New CCTST Investigator [ ]  No [ ]  Yes** |
| 2a. NAME *(Last, first, middle)*      | 2b. DEGREE(S) |  |
|       |       |       |  |
| 2c. POSITION TITLE      | 2d. MAILING ADDRESS *(Street, city, state, zip code)*      |
| 2e. DIVISION      |  |
| 2f. DEPARTMENT, SERVICE, LABORATORY, OR EQUIVALENT      |
| 2g. TELEPHONE AND FAX *(Area code, number and extension)* | E-MAIL ADDRESS: |
| TEL:       | FAX:       |       |
| **3. CO-INVESTIGATOR** | **New CCTST Investigator [ ]  No [ ]  Yes** |
| 3a. NAME *(Last, first, middle)*      | 3b. DEGREE(S) |  |
|       |       |       |  |
| 3c. POSITION TITLE      | 3d. MAILING ADDRESS *(Street, city, state, zip code)*      |
| 3e. DIVISION      |  |
| 3f. DEPARTMENT, SERVICE, LABORATORY, OR EQUIVALENT      |
| 3g. TELEPHONE AND FAX *(Area code, number and extension)* | E-MAIL ADDRESS: |
| TEL:       | FAX:       |       |
| 4. Human Subjects Research[ ]  No [ ]  Yes | 4a. Research Exempt[ ]  No [ ]  YesIf “Yes,” Exemption No.      | 4b. Human Subjects Assurance No.4c. NIH-Defined Phase I Clinical Trial[ ]  No [ ]  Yes | 5. Human Subjects Protection Certification: [ ]  No [ ]  Yes5a. Certification Date:      |
| 6. Vertebrate Animals[ ]  No [ ]  Yes6a. If “Yes,” IACUC Approval Date     6b. Animal Welfare Assurance No.      | 7. IBC Protocol[ ]  No [ ]  Yes7a. If “Yes,” Approval Date:     7b. Approval Number:      | 8. Radiation[ ]  No [ ]  Yes8a. If “Yes,” Approval Date      |  |
| 9. DATES OF PROPOSED PERIOD OFSUPPORT *(month, day, year—MM/DD/YY)* | 1. COSTS REQUESTED

Direct Costs ($)      |  |
| From | Through |  |  |
| 07/01/2014 | 06/30/2015 |  |
| 12. The undersigned reviewed this application for a CCTST research award and are familiar with the policies, terms, and conditions of UC and/or CCHMC concerning research support and accept the obligation to comply with all such policies, terms, and conditions. |
| Primary Applicant:       | Division Chair of Primary Applicant:       |
| Signature of Primary Applicant | Date: | Signature of Division Chair of Primary Applicant | Date: |
| Affiliate applicant:       | Division Chair of Affiliate Applicant:       |
| Signature of Affiliate Applicant | Date: | Signature of Division Chair of Affiliate Applicant:       | Date: |
| OFFICE USE ONLY: | Received by: | Date Received: |

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| --- | --- |
| PPT-CCTST-Element1.tifPPT-CCTST-Element1 | **Center for Clinical and Translational Science and Training**University of Cincinnati Academic Health Center3333 Burnet AvenueLoc. S, 10th Floor, Suite 300, ML 11028Cincinnati, OH 45229Voice: 513.803.1044Fax: 513.803.1039Web: cctst.uc.edu |
|  |

**Center for Clinical and Translational Science and Training**

**Just-In-Time Core Director Approval**

**PI:**

**Protocol Title:**

**Core:**

**Core Director:**

|  |  |  |
| --- | --- | --- |
| **Please check YES or NO** | **YES** | **NO** |
| 1. Are the proposed experiments feasible and appropriate for your core? |  |  |
| 2. Are the proposed experiments feasible in the timeframe needed by the applicant? |  |  |
| 3. Is the proposed use of the core translational, in support of either preclinical or early phase clinical studies? |  |  |
| 4. Does the applicant intend to use the data for a clinical/translational grant proposal, patent application, or clinical trial application? |  |  |
| 5. Does the applicant plan to use the data for their application with in the next 3-4 months? |  |  |
| 6. Is the proposed budget reasonable for the proposed experiments? |  |  |
| 7. In your opinion, if funded, will the proposal have a high priority for your core?  |  |  |

**Comments:**

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**Core Director Signature / Date**

Core Director’s signature is required to process this award. Please complete, sign, date and return via scan to Bettie.Durant@cchmc.org . Please call 803-2610 for questions or concerns.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

**This section to be completed by CCTST personnel only**

|  |  |  |
| --- | --- | --- |
| **CCTST Approval required** | **Yes**  |  |
|  | **No** | **Signature and date** |

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