NCATS Improving Health Through Smarter Science

CTSA Program PI Webinar

Wednesday, March 28, 2018

2:00 – 3:00 ET

National Center for Advancing Translational Sciences

Agenda

Time	Topic	Presenter
2:00	Welcome	Michael G. Kurilla
2:05 - 2:10	NCATS and CTSA Program Updates	
2:10 - 2:15	Center for Leading Innovation and Collaboration (CLIC) Updates	Martin Zand and Deborah Ossip
2:15 - 2:30	NCATS Prior Approval of Delayed Onset (DO) Research Involving Human Subjects	David Wilde (NCATS)
2:30 - 2:45	NCATS Prior Approval Process @ NC TraCS	Marie Rape (UNC)
2:45 – 3:00	Prior Approval UCSF Clinical & Translational Science Institute (CTSI)	Erin Breed (UCSF)

NCATS and CTSA Program Updates

Michael G. Kurilla

Consolidated Appropriations Act, 2018 (P.L. 115-141, 3/23/18)

Law:

- For carrying out section 301 and title IV of the PHS Act with respect to translational sciences, $742,354,000: Provided, That up to $25,835,000 shall be available to implement section 480 of the PHS Act, relating to the Cures Acceleration Network: Provided further, That at least $542,771,000 is provided to the Clinical and Translational Sciences Awards program.

Clinical and Translational Science Awards (CTSA) Program:

- The bill provides $542,771,000, an increase of $26,651,000, for the CTSA program. The agreement continues to support the program, a stabilization in the number of hubs funded, and a five year grant cycle. The agreement acknowledges the positive changes made to the program in response to language included in the fiscal year 2018 Senate Report, including the increase in communication and collaboration with the Committees on Appropriations of the House of Representatives and the Senate. The agreement expects the Director to provide quarterly updates to principal investigators of CTSA hubs beginning within 30 days of enactment of this Act and to continue the ongoing updates to the Committees. Finally, the agreement expects written notification to continue to be provided to the Committees at least three days in advance of any public release of CTSA grant awards.
- NCATS is in process of making new awards and restoring full funding to previous continuation awards.

President's FY 2019 Budget Request
Released Feb 12th

- Printed before Bipartisan Budget Act (BBA) passed; therefore OMB included an addendum to account for the BBA:
  - NIH shows a slight increase compared to FY 2017, however…
  - NCATS like many other components of NIH shows a 2.7% decrease
    - Funding for some priorities placed in the OD, NIH
  - HHS Budget-in-Brief: https://www.hhs.gov/sites/default/files/fy-2019-budget-in-brief.pdf
    - NIH described on pages 40-46

Additional information may be released in the coming weeks

Upcoming Events

CTSA Clinical & Translational Science Awards Program

CTSA Program Steering Committee Meeting
Marriott Wardman Park, Washington, DC
April 18, 8:00 am – 12:00 pm

CTSA Clinical & Translational Science Awards Program

CTSA Program Meeting
Marriott Wardman Park, Washington, DC
April 18, 1:00 pm – 5:00 pm
https://clic-ctsa.org/events/spring-ctsa-program-meeting

CTSA Clinical & Translational Science Awards Program

DTF, KL2 and TL1 Meetings on April 19, 2018

8:00 am – 10:00 am KL2 Meeting
8:30 am – 11:30 am Methods & Processes DTF Meeting
10:00 am – 2:00 pm Workforce Development DTF Meeting
12:30 pm – 4:30 pm Collaboration/ Engagement DTF Meeting
2:00 pm – 4:00 pm TL1 Meeting

ACTS Association for Clinical and Translational Science

Association for Clinical and Translational Science Conference
Marriott Wardman Park, Washington, DC
April 19 - 21, 2018
http://www.actscience.org/

NIH National Center for Advancing Translational Sciences

Thank you!

No Meeting in April due to CTSA Program Meeting

Next Call: Wednesday May 23, 2018

Suggestions for meeting topics to the CLIC Suggestion Box:

https://clic-ctsa.org/contact/suggestion-box

2:00 – 3:00 ET

Upcoming Meetings

Date	Institution/Organization	Event Name
March – April 2018	University of Michigan	FFMI fastPACE Train-the-Trainer Course
April 13, 2018	University of Kentucky	OPIOIDS: Addressing the Public Health Crisis through Translational Science
April 18, 2018	Tufts and Children's National	Challenges & Opportunities in Pediatric Clinical Trials
April 18, 2018	NCATS	Spring CTSA Program Meeting
April 19-21, 2018	Association for Clinical and Translational Science	Association for Clinical and Translational Science Annual Meeting
April 30, 2018	Harvard Medical School	Reimagining the Frontier of Public Health Approaches to Eating Disorders Prevention
May 1, 2018	Harvard Medical School	Informed Consent: Content, Communications and Emerging Technologies
May 3, 2018	Boston University	Addiction Medicine 2018: Translational Science at the Cutting Edge
May 5, 2018	CTSA Program Lifespan DTF F2F Meeting	CTSA Program Lifespan DTF F2F Meeting (Toronto, Canada)
May 14-18, 2018	University of Pennsylvania	Workshop on human iPSC Derivation, Maintenance, Differentiation, and CRISPR/Cas9 Gene Editing in iPSCs
May 17	University of Rochester	Ever Better Teams: A CTSI Team Science Summit
May 21-24, 2018	University of Texas Medical Branch in Galveston	Science of Team Science (SciTS) 2018 Conference
June 2, 2018	CLIC	An "Un-Meeting" to Address the Opioid Crisis through Translational Science
July 10-11, 2018	University of Michigan	"Mobilizing Computable Biomedical Knowledge" Meeting

Add your events on the CLIC website here: https://clic-ctsa.org/event-list (login required)

CLIC Updates

Martin Zand and Deborah Ossip

CTSA
Clinical & Translational Science Awards Program

CLIC
Center for Leading Innovation & Collaboration

UNIVERSITY of ROCHESTER MEDICAL CENTER

CLIC Updates
The Center for Leading Innovation and Collaboration

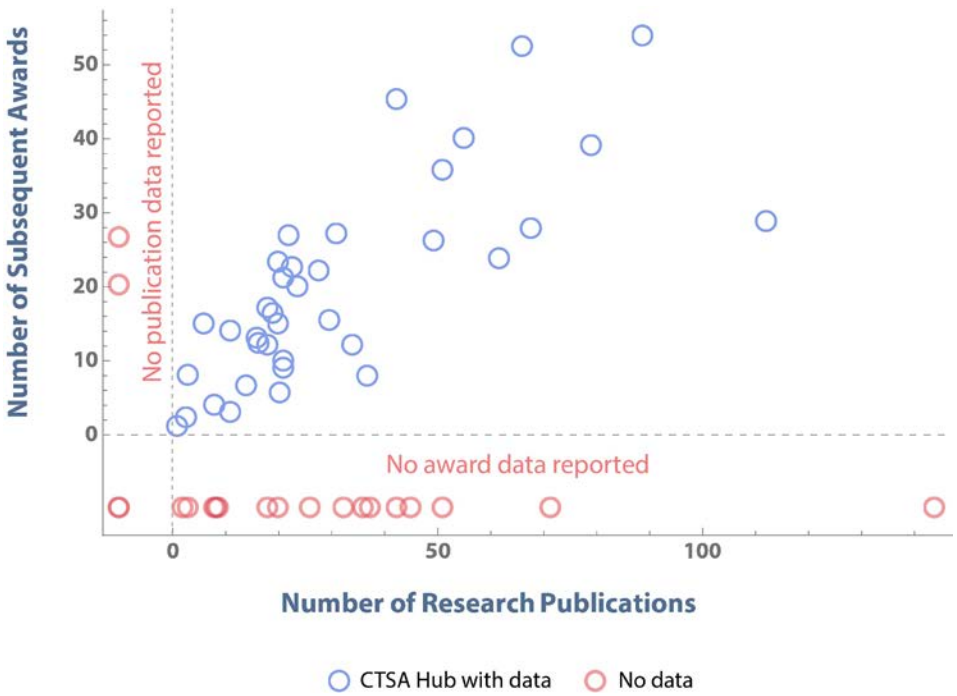
Serving the CTSA Program through coordination, transparent communication, actionable metrics, network analytics and innovative collaboration tools.

The University of Rochester Center for Leading Innovation and Collaboration (CLIC) is the coordinating center for the Clinical and Translational Science Awards (CTSA) Program, funded by the National Center for Advancing Translational Sciences (NCATS) at the National Institutes of Health (NIH), Grant U24TR002260.

CTSA
Clinical & Translational Science Awards Program

CLIC
Center for Leading Innovation & Collaboration

Common Metrics: 2016 Data Visualization Presentations

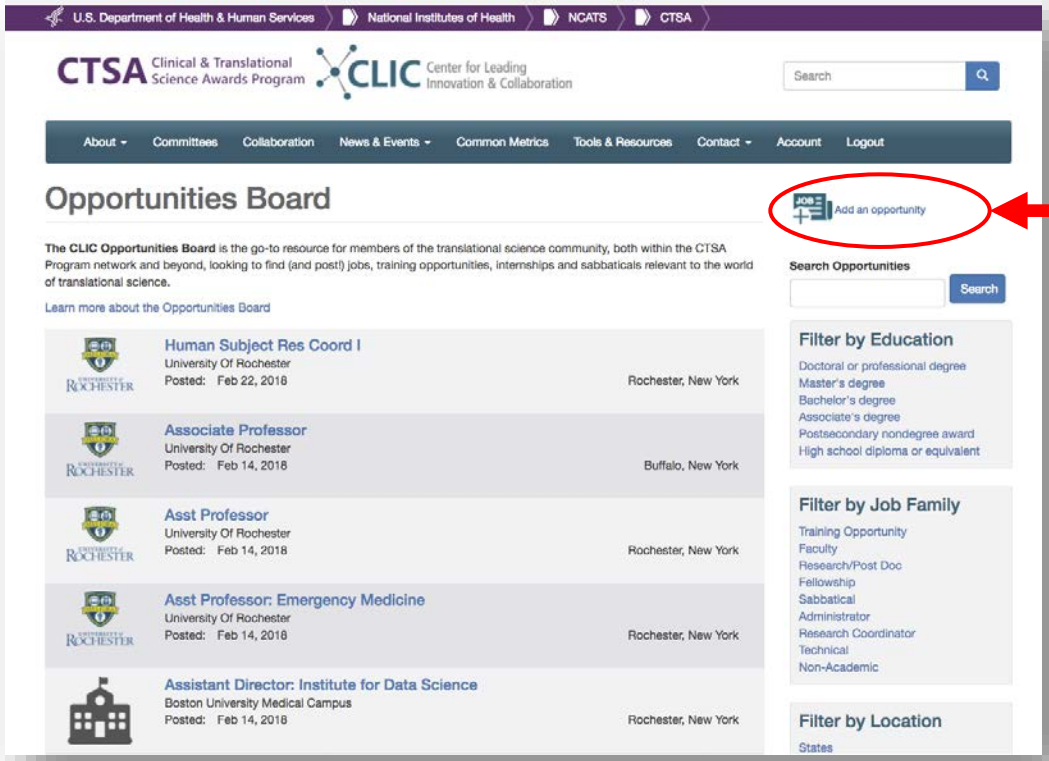


- NCATS Leadership – 3/6
- CM Executive Committee – 3/22
- NCATS Program Directors – 3/28
- Steering Committee – 4/9
- Spring CTSA Program Meeting – 4/18
- CTSA Program Evaluators Group – 5/15

CTSA
Clinical & Translational Science Awards Program

CLIC
Center for Leading Innovation & Collaboration

Opportunities Board



As of 3-27-18:
18 Postings
7 hubs

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CTSA
Clinical & Translational Science Awards Program

CLIC
Center for Leading Innovation & Collaboration

Un-Meeting

- Registration open
- Travel scholarships available (1/hub up to $500 for travel) – nominations due by April 16

https://clic-ctsa.org/events/un-meeting-address-opioid-crisis-through-translational-science

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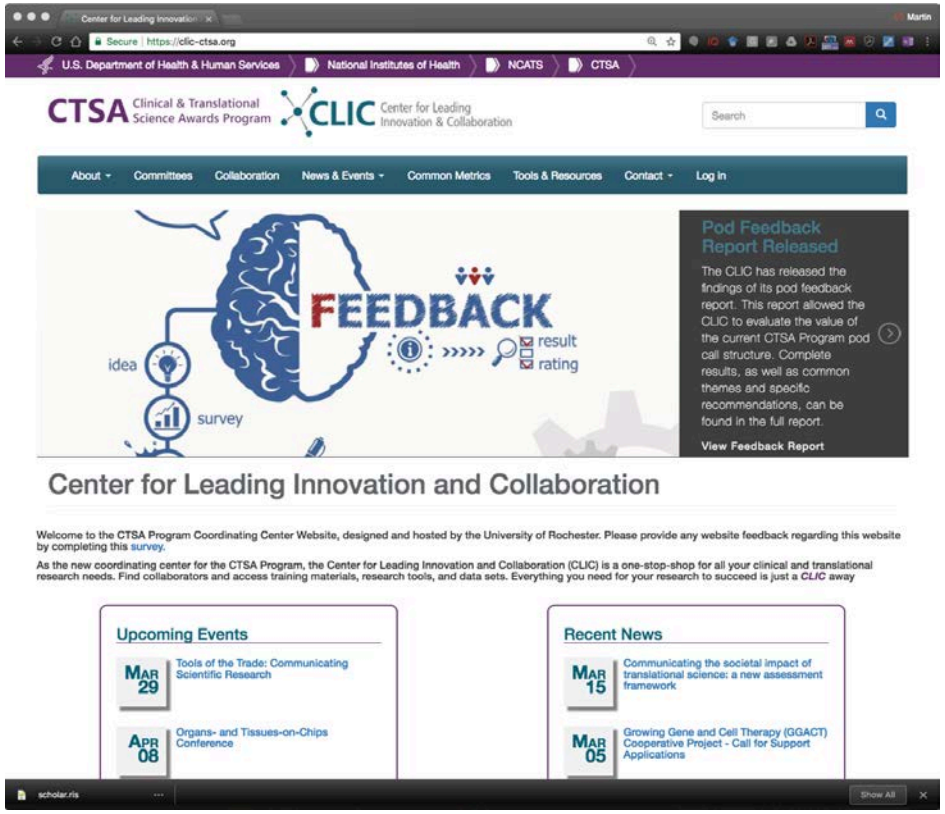
CTSA
Clinical & Translational Science Awards Program

CLIC
Center for Leading Innovation & Collaboration

Not Yet Registered for clic-ctsa.org?



- Register when you log in
- Click on “Contact Us” for help
- On-site support at Spring CTSA Program Meeting

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CTSA
Clinical & Translational Science Awards Program

CLIC
Center for Leading Innovation & Collaboration

See you Next Month!

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NCATS Prior Approval of Delayed Onset (DO) Research Involving Human Subjects

Process Update

CTSA Program PI Webinar

David Wilde

March 28, 2018

Improvements to the NCATS Prior Approval Checklist:

- ***New*** Section for "Verification of Compliance with Regulations and Policy Requirements"
- ***New*** IRB approval requirement to streamline the Prior Approval process and prevent duplicate review efforts of your local IRB
- ***New*** Prior Approval of Delayed Onset DO Research Involving Human Subjects Decision Tree

National Center for Advancing Translational Sciences

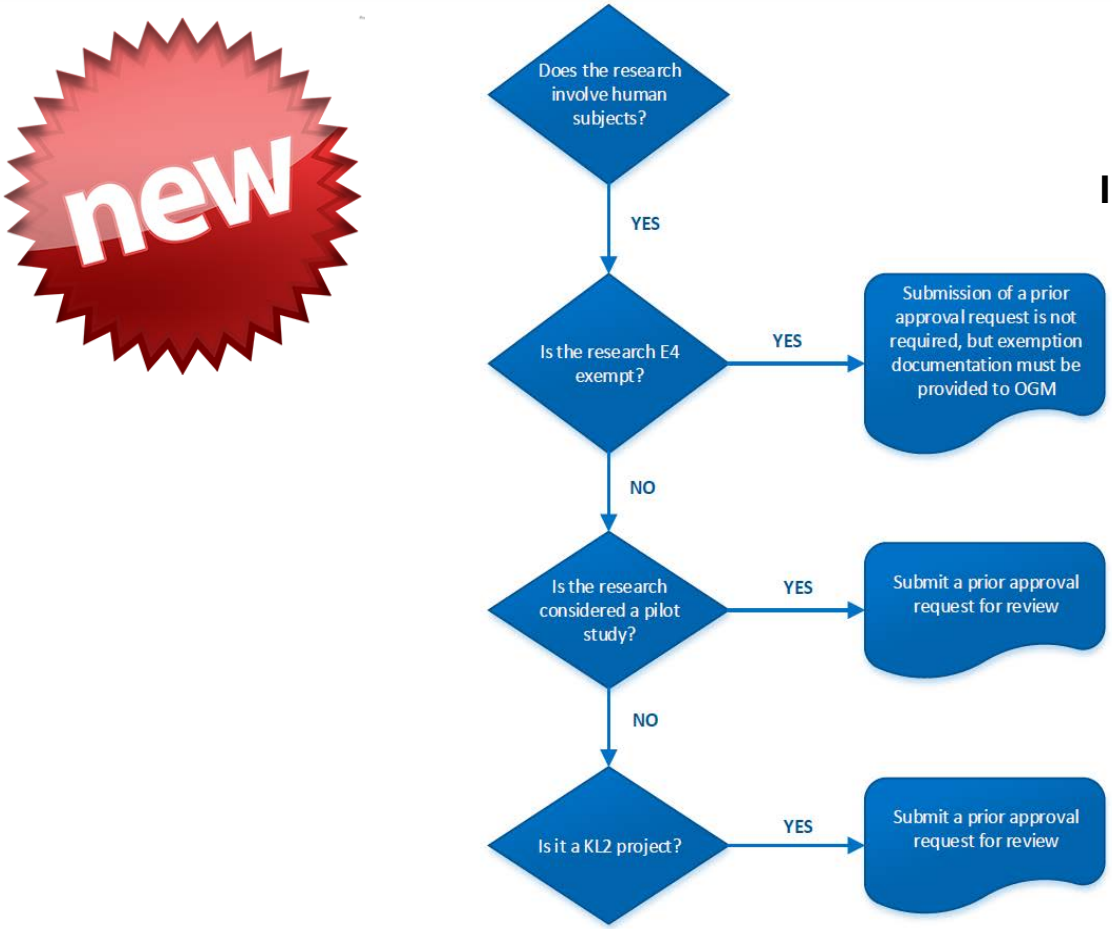
What would delay approval of my request?

- **Inconsistencies in submitted documents**
  Examples:
  - Title of study differs on NCATS prior approval checklist, protocol, and consent/assent documents
  - Target enrollment number differs in protocol, consent, inclusion plan and enrollment table/inclusion data records (IDRs)
- **Not submitting required documents or proper justification**
  Examples:
  - Data and safety monitoring plans (DSMP), inclusion plans, enrollment table/IDRs, and a budget or explanation/description of what is being supported by NCATS
- **Documents with tracked changes and typos**
- **Submitting a parent protocol for a sub-study or ancillary study**

- ✓ Submit the IRB approved application!
- ✓ Internal quality control check prior to NCATS submission

National Center for Advancing Translational Sciences

Need help determining if your project is a Prior Approval Submission?



NCATS Prior Approval of DO Research Involving Human Subjects Decision Tree!

National Center for Advancing Translational Sciences

WHAT'S NEXT?

- Start using the new and improved checklist! https://ctsa.ncats.nih.gov/policies?type=guidelines&date=2018-01-10&title=prior-approval-of-planned-research-involving-human-subjects

- Periodic update of Frequently Asked Questions (FAQs) https://ncats.nih.gov/ctsa/funding/prior-approval-faq

- We will be seeking your feedback for continuous process improvements

National Center for Advancing Translational Sciences

Unsure if you need to submit a Prior Approval of D.O. Research Involving Human Subjects?

Please contact your Program Official or use the new Prior Approval Mailbox!

NCATSDOPAinquiry@mail.nih.gov

National Center for Advancing Translational Sciences

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SCIENCES INSTITUTE

NCATS Prior Approval Process @ NC TraCS

Marie Rape, Associate Director, NC TraCS Regulatory
University of North Carolina at Chapel Hill
Email: marie_rape@med.unc.edu

March 28, 2018

Joint effort between CTSA and campus

After NCATS guidance issued Spring 2016; a team that included CTSA Pilot, Regulatory and Education staff met and:

- Discussed how best to meet the requirements and offer clear instructions and a smooth path
- Reached out to the UNC Office of Sponsored Research (OSR) to discuss requirement and how/who would do what
- Documented each step and responsible party in an SOP
- Created detailed instructions for pilot awardees/scholars
- Created an on-line portal for PIs to upload all required documents using our pilot grant application system
- Updated RFAs and other documents/website to inform researchers of the new requirement
- Annual presentation to KL2 program (scholars) on requirements

NC TraCS NCATS Prior Approval for HSR Process

1. Once it's determined a pilot awardee/scholar is doing Human Subjects Research they receive detailed instructions at the time of award

FOUNDANT
-NCATS Req.
___PI Last Name, etc.

2. Researcher completes on-line form + uploads pdf of all required documents into Foundant system

3. Consecutive review of documents by Pilot Coordinator {completeness} and Regulatory Co-Director {accuracy & quality} + NCATS package compiled in 1-2 business days

Average time = 4 days

4. Package emailed to UNC Office Sponsored Research (OSR)

5. OSR (Authorized Organizational Representative) emails package to NCATS

Average time = 8 days

6. Approval received from NCATS Program Officer

Average of 12 days from receipt of complete package to NCATS approval

Reasons for Success

~80 packets processed to date; average review time = 12 calendar days from start to finish

- Online portal: facilitates consistency and process of compiling the package; includes instructions, helpful links and forms
- Internal quality control: Pilot Coordinator compiles the package & Regulatory Co-Director reviews all packets prior to sending to OSR – produces homogenous packets that are easily reviewable
- Only complete packets sent on: ~15% of the time applicants leave out documents they think aren't applicable - Regulatory follows-up and collect additional documents before sending packet.
- Rapid Turnaround: Dedicated staff at OSR familiar with process, sends packets to NCATS within **1-2 business days**
- Responsiveness: If NCATS has questions, Regulatory reaches out to investigator to promptly get additional documentation, clarification.
- NCATS does their part: NCATS Program Officer reviews them promptly so he deserves credit as well.

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SCIENCES INSTITUTE

Additional Resources from NC TraCS:

- Guidance for PIs
- Online Submission Form

NCATS Requirements

NC TraCS Institute

PRINCIPAL INVESTIGATOR

As of May 2016, NIH's National Center for Advancing Translational Sciences (NCATS) requires specific documents for all Pilot Grant awardees and KL2 Scholars involving human subjects research funded by NC TraCS.

If your proposal or KL2 Scholarship was funded, use this form to upload the required documents.

Questions? Please contact Paul Kerr at 919-843-9666 or paulkerr@med.unc.edu.

Are you a Pilot Grant awardee or KL2 Scholar?*

Choices

Pilot Grant awardee
KL2 Scholar

PI Last Name*

If your grant has Co-PIs from UNC and another institution, please list the UNC PI here.

Character Limit: 250

PI First Name*

Character Limit: 250

PI Email*

Character Limit: 250

PI Phone*

Character Limit: 30

REQUIRED DOCUMENTS

Each document must be uploaded if relevant to your grant, even if the section isn't marked as Required.

PDF FORMAT REQUIRED FOR ALL UPLOADS

Proposal Title*

Please enter the title of the proposal even if it differs from the title of the IRB documentation.

Character Limit: 250

Summary*

Upload a brief summary of the project in 500 words or less.

File Size Limit: 1 MB

NIH Biosketches*

Upload NIH Biosketches for all PIs, Co-PIs or KL2 scholars. Combine into one PDF.

File Size Limit: 2 MB

Clinical Research Protocol*

Upload the complete clinical research protocol, including a table of contents. If you do not have a clinical protocol, upload a copy of your IRB application.

File Size Limit: 2 MB

IRB status*

What is the status of the IRB approval for your project?
Note that IRB & NCATS approval can occur concurrently, meaning that NCATS can review their documents while IRB approval is still pending.

Choices

IRB approval received
IRB approval pending

If you've received your IRB approval:

If you've received your IRB approval, upload the documentation.

File Size Limit: 1 MB

If your IRB approval is pending:

If your IRB approval is pending, upload your latest communication from the IRB regarding your protocol, for instance the email confirming that your protocol is under review.

File Size Limit: 1 MB

Informed Consent

Upload the informed consent document, if applicable.

File Size Limit: 2 MB

Informed Assent / Parental Permission

Upload the informed assent / parental permission document, if applicable.

File Size Limit: 1 MB

Verbal Informed Consent

Upload the verbal informed consent document, including transcript, if applicable.

File Size Limit: 1 MB

Research supported by this TraCS funding

If this TraCS project is considered an amendment or a sub-study / ancillary study of an IRB approved parent protocol, upload a summary (less than 500 words) of the parent protocol with an explanation of how the NCATS-supported amendment or sub-study connects to it. Please do not include the entire parent protocol.

File Size Limit: 2 MB

IND or IDE

If the research includes an IND or IDE, upload a letter from the FDA that includes the IND or IDE number, or that the study is IND-exempt (drug), or a letter from the IRB if an investigational device is involved that is deemed to be non-significant risk (NSR).

File Size Limit: 1 MB

Product Information

If the research includes an IND or IDE, upload the approved product label, the investigator brochure, or description of the device, as applicable.

File Size Limit: 1 MB

Inclusion Plans for Women, Minorities and Children

Upload a document explaining inclusion plans for women, minorities and children. Describe if participant enrollment will be restricted based on sex, race, ethnicity or age (i.e., children) and justify the exclusion if so. (See NIH instructions for preparing this section here).

File Size Limit: 1 MB

Targeted Enrollment Table or Inclusion Data Record (IDR)

Upload a Targeted Enrollment Table or Inclusion Data Record (IDR) (see NIH instructions for preparing this section here). Click here for a Targeted Enrollment Table template.

File Size Limit: 1 MB

Data and Safety Monitoring Plan (DSMP)

If a clinical trial is proposed, upload a Data and Safety Monitoring Plan (DSMP) (see NIH instructions for preparing this section here). The DSMP is only required if the project is a clinical trial. Note that the revised NIH definition of "clinical trials" is broader than in the past and can be found here.

File Size Limit: 1 MB

Education in the Protection of Human Subjects*

Upload assurance or certification that the pilot grant awardee or KL2 scholar and any Key Personnel directly involved in the study have had appropriate education in the protection of human subjects. Certificates of human subjects protection training may be obtained at the "Research Training at UNC-CH" website here.

File Size Limit: 1 MB

Budget*

Upload a line item research budget that lists the supplies, services, and personnel supported by NCATS funding. For brevity, no more than ten budget line items should be listed.

File Size Limit: 1 MB

YOU MAY NOW SAVE YOUR DRAFT TO CONTINUE WORKING ON IT LATER, OR SUBMIT YOUR DOCUMENTS.

Questions? Please contact Paul Kerr at 919-843-9666 or paulkerr@med.unc.edu.

NCATS Requirements for TraCS pilot grants involving human subjects research

Please upload these required documents through TraCS' online program. Click here and then click "Apply", then scroll to the very bottom for the section called "NCATS Requirements" and click the blue "Apply" button. Each document must be uploaded if relevant to your grant.

1) Summary
Upload a brief summary of the project in 500 words or less.

2) NIH Biosketches
Upload NIH Biosketches for all PIs or Co-PIs. Combine into one PDF.

3) Clinical Research Protocol
Upload the complete clinical research protocol, including a table of contents. If you do not have a clinical protocol, upload a copy of your IRB application.

4) IRB Status
If you've already received IRB approval, upload the documentation. If your IRB approval is pending, upload your latest communication from the IRB regarding your protocol, for instance the email confirming that your protocol is under review. (IRB approval is not required when submitting these NCATS documents, in order to allow for parallel processing. However, final NCATS approval is contingent upon IRB approval.)

5) Informed Consent
Upload the informed consent document, if applicable.

6) Informed Assent / Parental Permission
Upload the informed assent / parental permission document, if applicable.

7) Verbal Informed Consent
Upload the verbal informed consent document, including transcript, if applicable.

8) Research supported by this TraCS funding
If this TraCS project is considered an amendment or a sub-study / ancillary study of an IRB approved parent protocol, upload a summary (less than 500 words) of the parent protocol with an explanation of how the NCATS-supported amendment or sub-study connects to it. Please do not include the entire parent protocol.

9) IND or IDE
If the research includes an IND or IDE, upload a letter from the FDA that includes the IND or IDE number or that the study is IND-exempt (drug) or a letter from the IRB if an investigational device is involved that is deemed to be non-significant risk (NSR).

10) Product Information
If the research includes an IND or IDE, upload the approved product label, the investigator brochure, or description of the device, as applicable.

11) Inclusion Plans for Women, Minorities and Children
Upload inclusion plans for women, minorities and children. Describe if participant enrollment will be restricted based on sex, race, ethnicity or age (i.e., children) and justify the exclusion if so. (See NIH

instructions for preparing this section here).

12) Targeted Enrollment Table or Inclusion Data Record (IDR)

Upload a Targeted Enrollment Table or Inclusion Data Record (IDR) (see NIH instructions for preparing this section here). Click here for a Targeted Enrollment Table template.

13) Data and Safety Monitoring Plan (DSMP)

If a clinical trial is proposed, upload a Data and Safety Monitoring Plan (DSMP) (see NIH instructions for preparing this section here). The DSMP is only required if the project is a clinical trial. Note that the revised NIH definition of "clinical trials" is broader than in the past and can be found here.

14) Education in the Protection of Human Subjects

Upload assurance or certification that the pilot grant awardee and any Key Personnel directly involved in the study have taken appropriate education in the protection of human subjects. Certificates of human subjects protection training may be obtained at the "Research Training at UNC-CH" website here.

15) Budget

Upload a line item research budget that lists the supplies, services, and personnel supported by NCATS funding. For brevity, no more than ten budget line items should be listed.

Prior Approval
UCSF Clinical & Translational Science Institute (CTSI)

Erin Breed, Program Manager

UCSF Clinical & Translational Science Institute

Process Overview

1. Pre-award REDCap survey to awardees:
   a. Helps PI determine if human subjects research
   b. Collects all required documents & data, using logic to prompt for what is required
   c. REDCap project is used for life of project (APR; post-award surveys)

Sample of pre-award survey

PI eRA Commons Name
* must provide value

juanmontoy

Upload PI NIH Biosketch
* must provide value

6a Biosketch Montoy.pdf (0.07 MB)
Remove file

Brief Project Description (500 words or less)
* must provide value

Importance: To stem the rise in opioid use disorder, hospitals and policymakers are searching for mechanisms to decrease the quantity of opioids prescribed. Making a small change to the ordering system could result in lower quantities prescribed to patients

Expand

Does this project involve human subjects?
* must provide value

- (●) Yes
- ( ) No

reset

Is all study data de-identified, and does no one on the study team have access to identifiers or keys to link coded data (even temporarily)?

- ( ) Yes
- (●) No

reset

IRB #

16-19532

IRB Institution

UCSF

IRB Approval Date

11-13-2016 Today M-D-Y

IRB Expiration Date

11-13-2018 Today M-D-Y

Please note that you must maintain current IRB status during the life of your CTSI-Pilot Awards funding period. Be sure to send any updated approval letters to ctsipilot@ucsf.edu.

Upload IRB Approval Letter

montoy IRB letter.pdf (0.07 MB)
Remove file

Please check if you are seeking concurrent approval from IRB and NCATS (if so, IRB letter is not required at this time).

☐

UCSF Clinical & Translational Science Institute

Process Overview

2. CTSI staff provide QA of submission, complete Document Checklist & save all required pdfs using NCATS naming convention

3. CTSI staff send packet to Research Management Services, who creates CITI certification & submits to NCATS

IRB Self-certification Form

Awardee completes form for CTSI records if research does not meet human subjects definition

University of California, San Francisco
Institutional Review Board

Self-Certification Form: Determining Whether Human Subjects Are Involved in Research When Obtaining Coded Private Information (Data) and/or Biological Specimens

Instructions:

1. Use this form if you need to provide funding agencies, administrators or collaborators with documentation that your research project does not require IRB review at UCSF. Keep a copy of the form in the PI's research file. Do not submit a copy to the IRB.

2. For help making this determination, review the Human Subjects Research Decision Tree and the Not Human Subjects Research guidance page. Contact the IRB at 415-476-1814 or IRB@ucsf.edu with questions.

3. Do not use this form for human stem cell research, which requires review by the GESCR Committee and may require IRB review.

Principal Investigator:		
Name and Degree	Institution	Department
Mailing Address	Phone Number	E-mail Address
Study/Grant Title/Award No.:		

If your research meets the following conditions, the use of de-identified or coded private information (data) and/or biological specimens does not meet the definition of a human subject and does not require IRB review at UCSF:

1. The research is not regulated by the Food and Drug Administration (FDA). **AND**

2. No one on the UCSF research team has access to identifiable information and one or more of the following apply (check all applicable boxes):

☐ The researcher(s) receive de-identified data or specimens.

☐ The researcher(s) receive coded data or specimens AND one or more of the following apply:

- ☐ The key to decipher the code is destroyed before the research begins.
- ☐ The PI and holder of the key enter into an agreement prohibiting the release of the key under any circumstances. There are IRB-approved written policies for the repository or data management that prohibit the release of the key.
- ☐ There are other legal requirements prohibiting the release of the key under any circumstances.

Principal Investigator's Certification:
I certify that the information provided in this application is complete and correct.

_____ _____
Principal Investigator's Signature **Date**

December 2015

UCSF Clinical & Translational Science Institute

Naming Files

- Excel formula auto-populates to quickly name pdfs according to naming convention
- Only PI name, project short title & date submitted need to be entered
- Copy and paste into pdf name

Excel Concatenate Formula

=CONCATENATE(C3,C1,"_",C2,"_",B5,C4)

A	B	C
	PI LastFirstInitial	MontoyJ
	Short Title	ED opioid prescribing
	Institution	UCSF_
	Date Submitted	_20170703
1	Biosketch	UCSF_MontoyJ_ED opioid prescribing_Biosketch_20170703
2	Protocol	UCSF_MontoyJ_ED opioid prescribing_Protocol_20170703
3	Consent	UCSF_MontoyJ_ED opioid prescribing_Consent_20170703
	Assent	UCSF_MontoyJ_ED opioid prescribing_Assent_20170703
4	NCATS Support ID	UCSF_MontoyJ_ED opioid prescribing_NCATS Support ID_20170703
5	NCATS Support Explain	UCSF_MontoyJ_ED opioid prescribing_NCATS Support Explain_20170703
6	Product Info	UCSF_MontoyJ_ED opioid prescribing_Product Info_20170703
7	IND IDE	UCSF_MontoyJ_ED opioid prescribing_IND IDE_20170703
8	HS Section	UCSF_MontoyJ_ED opioid prescribing_HS Section_20170703
9	Inclusion	UCSF_MontoyJ_ED opioid prescribing_Inclusion_20170703
10	Enrollment	UCSF_MontoyJ_ED opioid prescribing_Enrollment_20170703
11	Safety	UCSF_MontoyJ_ED opioid prescribing_Safety_20170703
12	HS Edu	UCSF_MontoyJ_ED opioid prescribing_HS Edu_20170703
13	IRB Approval	UCSF_MontoyJ_ED opioid prescribing_IRB Approval_20170703
	Prior Approval_NCATS	UCSF_MontoyJ_ED opioid prescribing_Prior Approval_NCATS Document Checklist_20170703

Thank you!

Questions?

We are happy to share resources!

erin.breed@ucsf.edu

CTSA
Clinical & Translational Science Awards Program

CLIC
Center for Leading Innovation & Collaboration

CTSA Program PI Call

NOTICE:

The April 25th CTSA Program PI Call is cancelled due to the upcoming Spring CTSA Program Meeting.

Please remove that meeting from your calendar.

The University of Rochester Center for Leading Innovation and Collaboration (CLIC) is the coordinating center for the Clinical and Translational Science Awards (CTSA) Program, funded by the National Center for Advancing Translational Sciences (NCATS) at the National Institutes of Health (NIH), Grant U24TR002260.