



REQUEST FOR APPLICATIONS

Georgia State University
Tobacco Center of Regulatory Science

The Georgia State University Tobacco Center of Regulatory Science (TCORS) is requesting applications for research that aligns with the FDA Center for Tobacco Products' regulatory authority and research priorities. Four funding opportunities exist, with education or research awards for graduate students, postdoctoral research awards, developmental awards for new researchers and pilot awards open to junior or senior investigators.

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GEORGIA STATE UNIVERSITY TOBACCO CENTER OF REGULATORY SCIENCE FUNDING OPPORTUNITIES

Introduction & Overview

The Georgia State University Tobacco Center of Regulatory Science's (GSU TCORS) Developmental and Pilot Research Core provides funding to expand the scope and reach of the research being conducted in the GSU TCORS sites and to advance the field of tobacco regulatory science through the funding of new research projects that enhance collaboration, engage promising scholars and explore new and innovative ideas.

Priority Areas of Research

Research proposals must align with the Food and Drug Administration Center for Tobacco Products' regulatory authority and with at least one of their current research priorities listed [here](#). Proposals may support the goals and objectives of the Georgia State TCORS "[The Science of Decision Making: Connecting People and Policy](#)," or explore other relevant issues in tobacco regulatory science.

Priority will be given to projects that:

- Address urgent or newly emerged topics or methods in tobacco regulatory science
- Advance research related to the major GSU, RTI and UIC TCORS research projects
- Develop collaborations across the GSU TCORS

Funding Mechanisms

In addition to their scientific contribution, these awards are designed for development of the tobacco regulatory science workforce at all career levels. Please see below for a full list of opportunities that are available through the GSU TCORS Developmental and Pilot Research Core.

| Grant Type | Max Award | General Eligibility | Purpose | Important Dates |
|--|-----------|---|--|---|
| TCORS-R03: Developmental | \$75,000 | New Investigator at a GSU TCORS Affiliate * | Prepare researcher for R01 proposal. Contribution to FDA CTP priority areas. Contribute to GSU TCORS Research. | LOI Due: May 8, 2015 Proposal Due: July 10, 2015 |
| Pilot Studies | \$30,000 | Junior or senior investigator at a GSU TCORS Affiliate* | Preparation for R03, R21 or R01. Contribution to FDA CTP priority areas. | LOI Due: May 8, 2015 Proposal Due: July 10, 2015 |
| Postdoctoral Research | \$12,500 | Postdoctoral Fellows with the GSU TCORS | Manuscript or proposal preparation. Contribution to tobacco regulatory science and CTP priority areas. | LOI Due: May 8, 2015 Proposal Due: July 10, 2015 |
| Graduate Student Awards Research or Training / Education | \$6,000 | Graduate/PhD student at GSU TCORS Affiliate* | Educational or research activities in tobacco regulatory science. | LOI Due: May 8, 2015 Proposal Due: July 10, 2015 |

**GSU TCORS Affiliate includes the collaborative institutions, University of Illinois at Chicago and Research Triangle Institute, as well as NIH eligible institutions that have an existing financial relationship with the primary TCORS site (GSU).*

See below, or link from the table above, to review the full description and requirements for each award. Contact Rachel Lawley rlawley@gsu.edu with **any questions** about these funding opportunities.

TCORS-R03: Developmental Award

Overview and Purpose

The TCORS-R03 grant is an opportunity for [new investigators](#), as defined by the National Institutes of Health (NIH), to complete developmental research that contributes to a line of inquiry intended to culminate in an R01-type proposal. The TCORS-R03 mechanism is closely modeled on the NIH R03 program with a purpose of advancing the investigator toward an independent researcher status. The funding provides support for research projects that can be accomplished in a short period of time with limited resources. The maximum budget for each award is \$75,000 including indirect costs. The grant will be awarded for one year. The award is anticipated to start September 1, 2015.

The TCORS-R03 is soliciting proposals that align with the [FDA CTP's priorities](#) in tobacco regulation. Priority will be given to projects that:

- Address urgent or newly emerged topics or methods in tobacco regulatory science
- Advance research related to the major [GSU, RTI and UIC TCORS research projects](#)
- Develop or advance collaborations across the GSU TCORS

Eligibility

Eligible applicants are new investigators according to the [NIH definition](#) at one of the three institutions collaborating on the Georgia State University Tobacco Center of Regulatory Science, including GSU, the University of Illinois at Chicago (UIC) and Research Triangle Institute (RTI). New investigators at an organization that is eligible to receive an NIH award and that has an existing, contracted financial relationship with GSU are also qualified to apply.

Application Requirement & Instructions

The proposed project must:

- Align with the FDA CTP research priorities
- Include an advisory role for one (1) senior co-Investigator in tobacco regulatory science at [GSU, RTI, or UIC](#).
- Provide role for at least one tobacco regulatory science trainee, including a postdoctoral fellow with the GSU TCORS or a graduate student from the GSU TCORS or at the applicant's institution. Example roles: subject screening, recruitment, and testing; data management and analysis; sample analysis; etc., with increased responsibility for postdoctoral fellows.
 - Researchers should use the [Trainee Engagement Form](#) to identify students or postdoctoral candidates with whom they plan to work or to request trainee involvement through the GSU TCORS.

Letter of Intent

To apply for the TCORS-R03 funding, applicants must submit a (maximum of two page) letter of intent to Rachel Lawley rlawley@gsu.edu, by May 8, 2015. The Pilot and Developmental Core will invite full proposals based on LOIs by May 15, 2015. The LOI must include:

- PI name, title and contact information (email and phone)

- Award type and estimated budget amount: (Developmental, Pilot, Postdoctoral Fellow, or Graduate Student)
- Proposed collaborators. If you are not a GSU TCORS senior investigator, please provide the name of and contact information for the GSU TCORS senior investigator who has agreed to support your project. Include intentions for involving students and postdoctoral fellows (i.e. “a PhD student from UIC”)
- A preliminary title for the project
- A brief description of research that describes the:
 - Overall Goal
 - Aims
 - Significance to tobacco regulatory science
- Specific plans to obtain extramural support. Include the types of funding to be sought based on the results of the project (i.e. sponsoring agency, specific program announcement, and approximate deadlines if information is available)
- Explanation of readiness to secure IRB approval for the project by September 1, 2015.

Application

The Developmental project proposal is modeled after NIH R03 applications. The application for funding is outlined below with page limits detailed per section. All pages should be single spaced, in 11-point Arial font, with ½ inch margins and clear headers to delineate sections. The documents outlined below should be submitted in one PDF file as the funding application by July 10, 2015 at 5:00pm ET. No other appendices should be included.

Application Outline

- **TCORS Proposal Cover Sheet** Please include even if your institution has a cover sheet that they will submit. (Form will be sent with response to LOI)
- **Trainee Engagement Form** (Form will be sent with response to LOI)
- **Abstract** suitable for public use and an explanation of cross-center collaboration (1 page maximum). Please include the major aim of the project and FDA CTP priority area targeted.
- **Specific Aims** (1 page maximum) The specific aims section should include the concise aims of the proposed research, as well as a summary of expected outcomes with the significance and relevance to the CTP’s regulatory authority.
- **Research Strategy** (6 page maximum)
 - *Significance*: describe how the project addresses an important problem or a critical barrier to progress in tobacco regulatory science. Explain how scientific knowledge, technical capability, and/or clinical practice will be improved. Include the FDA CTP priorities addressed by the research.
 - *Innovation*: Explain how the research will seek to shift current research paradigms and how new concepts, approaches or methodologies are advantageous over existing ones.
 - *Approach*: describe the overall strategy, methodology (including data collection), and analysis that will be used to accomplish project aims. Please address potential problems, alternative strategies, and benchmarks for success.
 - *References* (do not count toward page limit)
- **Plan** for using the results to obtain R01 funding (1 page maximum)

- **Project Timeline** including tasks and milestones for the 12 month project period (parameters: September 1, 2015 – August 31, 2016)
- **NIH Biosketches** for personnel (new format with a maximum of 5 pages per person - <http://grants.nih.gov/grants/funding/424/index.htm#format>)
- **Budget** Use NIH Budget table fp4 <http://grants.nih.gov/grants/funding/phs398/fp4.docx>
 - Maximum allowed budget is \$75,000 including indirect costs for the researcher's institution
 - Costs NOT allowed include, but may not be limited to: research infrastructure that would normally be provided by researcher's institution
- **Budget Narrative** (maximum 2 pages)

Applications are due to rlawley@gsu.edu in one PDF file by July 10 at 5:00pm ET.

Please direct any questions to Rachel Lawley via email rlawley@gsu.edu or by phone at 404-413-9311.

Proposal Review & Award Notification

Each proposal will be reviewed by a primary and secondary reviewer and moved to a full Grant Selection Committee. The process will be guided by the NIH selection process. The NIH Tobacco Regulatory Science Program and the FDA CTP has final approval of all funding decisions. All proposals will be reviewed along the following criteria:

- Significance
- Innovation
- Approach
- Feasibility
- Appropriateness (match with FDA CTP research priorities)
- Potential impact on tobacco regulatory science
- Investigator experience
- Translational relevance and potential for future funding

Reminder: priority will be given to projects that:

- Address urgent or newly emerged topics or methods in tobacco regulatory science
- Advance research related to the major GSU, RTI and UIC TCORS research projects
- Develop collaborations across the GSU TCORS and with GSU TCORS partners

The Developmental (R03) and Pilot awards will be provided under the institution's existing sub-award with GSU. It is anticipated that projects will begin on September 1, 2015. Please prepare to have IRB approval upon award start date.

Any research involving human subjects will require IRB approval before funds will be released.

Additional stipulations may be included in the Notice of Award.

Summary Table of Dates: TCORS-R03

| Important Dates | What | How |
|---------------------------|--|--|
| May 8, 2015 | Letter of Intent Due | Submit PDF to rlawley@gsu.edu . |
| May 15, 2015 | Response to LOI | Receive email with clearance to proceed |
| July 10, 2015 | Proposal Deadline | Submit proposal in PDF to rlawley@gsu.edu . |
| August 28, 2015 | Notice of Award sent | Receive via email. |
| September 1, 2015 | Project begins | |
| February 28, 2016 | Progress Report Due | Receive appropriate form in January |
| August 31, 2016 | Project End Date | |
| September 15, 2016 | Final Report Due to Developmental Core | Receive appropriate form in July 2016 |

Pilot Studies

Overview & Purpose

The TCORS Pilot funding is a broad opportunity for junior or senior faculty to complete preliminary research that could result in future R03 or R21 proposals to the NIH. The proposed research must align with the [FDA CTP's priorities](#) in tobacco regulation.

The awards will start September 1, 2015. The grant will be awarded for one year only. The maximum for each award is \$30,000 inclusive of indirect costs.

As with all awards through the Developmental and Pilot Award Core, proposed projects must align with at least one of the current Food and Drug Administration research priorities listed [here](#). Proposals may support the Georgia State TCORS [“The Science of Decision Making: Connecting People and Policy,”](#) or explore other issues in tobacco regulatory science.

Priority will be given to projects that:

- Address urgent or newly emerged topics or methods in tobacco regulatory science
- Advance research related to the major [GSU, RTI and UIC TCORS research projects](#)
- Develop collaborations across the GSU TCORS

Eligibility

Eligible applicants are junior or senior faculty or investigators at the three institutions within the GSU TCORS (Georgia State University, University of Illinois Chicago, and Research Triangle Institute). Junior or senior investigators at an organization that is eligible to receive an NIH award and that has an existing, contracted financial relationship with GSU are also qualified to apply.

Application: Requirements & Instructions

The proposed project must

- Align with the FDA CTP research priorities
- Include an advisory role for one (1) identified senior researcher in tobacco regulatory science with the [GSU TCORS](#) research projects
- Provide a role for at least one (1) tobacco regulatory science trainee. Trainees include postdoctoral fellows and graduate students with the GSU TCORS and Master's or doctoral students at the awardee's institution. Example roles: subject screening, recruitment, and testing; data management and analysis; sample analysis; etc., with increased responsibility for postdoctoral fellows.
 - Researchers should use the [Trainee Engagement Form](#) to identify students or postdoctoral candidates with whom they plan to work or to request trainee involvement through the GSU TCORS.

Letter of Intent

To apply for Pilot funding, applicants must submit a (one page) letter of intent to Rachel Lawley rlawley@gsu.edu, by May 8, 2015. The Pilot and Developmental Core will invite full proposals based on LOIs by May 15, 2015. The LOI must include:

- PI name, title and contact information (email and phone)
- Award type and estimated budget amount (Developmental, Pilot, Postdoctoral Fellow, or Graduate Student)
- Proposed collaborators. If you are not a GSU TCORS senior investigator, please provide the name of and contact information for the GSU TCORS senior investigator who has agreed to support your project. Include intentions for involving students and postdoctoral fellows (i.e. “a PhD student from UIC”)
- A preliminary title for the project
- A brief description of research:
 - Overall Goal
 - Aims
 - Significance to tobacco regulatory science
- Explanation of readiness to secure IRB approval for the project by September 1, 2015.

Application

The Pilot award application is outlined below with page limits specified per section. All pages should be single spaced, in 11-point Arial font, with ½ -inch margins and clear headers to delineate sections. The documents outlined below should be submitted in one PDF file as the funding application by July 10, 2015 at 5:00pm ET.

Application Outline

- **TCORS Proposal Cover Page** Please include even if your institution has a cover sheet that will be submitted. (Form will be sent with response to LOI)
- **Trainee Engagement Form** (Form will be sent with response to LOI)
- **Lay Language Abstract** suitable for public use and explanation of cross-center collaboration (maximum 1/2 page)
- **Specific Aims** (1 page maximum): The specific aims section should include the concise aims of the proposed research, as well as a summary of expected outcomes with the significance and relevance to the CTP’s regulatory authority.
- **Proposal Body** (3 page maximum)
 - *Project background*
 - *Significance* – importance of problem and relevance to priority research area
 - *Innovation* – how project contributes to new tobacco regulatory science
 - *Approach*
 - Feasibility, including personnel roles
 - Study design, research methods, analysis plan, etc.
 - Plan for using the results to obtain R01, R03 or R21 funding
 - *References* (do not count toward page limit)
- **NIH Biosketches** for personnel (use the new NIH format – 5 page limit per person <http://grants.nih.gov/grants/funding/424/index.htm#format>)
- **Budget** (Please use NIH form fp4 <http://grants.nih.gov/grants/funding/phs398/fp4.docx>)
 - The total budget of \$30,000 includes indirect costs based on your institutional rate.

- Costs NOT allowed include, but are not limited to, research infrastructure that would normally be provided by a researcher institution.
- **Budget Narrative** (2 page maximum)

Applications are due to rlawley@gsu.edu in one PDF file by July 10 at 5:00pm ET.

Please direct any questions to Rachel Lawley via email rlawley@gsu.edu or by phone at 404-413-9311.

Proposal Review & Award Notification

Each proposal will be reviewed by a primary and secondary reviewer and then moved to a full Grant Selection Committee. The process will be guided by the NIH selection process. The NIH Tobacco Regulatory Science Program and the FDA CTP have final approval of all funding decisions. Proposals will be reviewed along the following criteria:

- Significance
- Innovation
- Approach
- Feasibility
- Appropriateness (match with FDA CTP research priorities)
- Potential impact on tobacco regulatory science
- Investigator experience
- Translational relevance and potential for future funding

Reminder: priority will be given to projects that:

- Address urgent or newly emerged topics or methods in tobacco regulatory science
- Advance research related to the major GSU, RTI and UIC TCORS research projects
- Develop collaborations across the GSU TCORS

Award Notification

The Developmental (R03) and Pilot awards will be provided under the institution's existing sub-award with GSU. It is anticipated that projects will begin on September 1, 2015. Please prepare to have IRB approval upon award start date.

Any research involving human subjects will require IRB approval before funds will be released.

Additional stipulations may be included in the Notice of Award.

Summary Table of Dates: TCORS-Pilot

| Important Dates | What | How |
|---------------------------|--|--|
| May 8, 2015 | Letter of Intent Due | Submit PDF to rlawley@gsu.edu . |
| May 15, 2015 | Response to LOI | Receive email with clearance to proceed |
| July 10, 2015 | Proposal Deadline | Submit proposal in PDF to rlawley@gsu.edu . |
| August 28, 2015 | Notice of Award sent | Receive via email. |
| September 1, 2015 | Project begins | |
| February 28, 2016 | Progress Report Due | Receive appropriate form in January |
| August 31, 2016 | Project End Date | |
| September 15, 2016 | Final Report Due to Developmental Core | Receive appropriate form in July 2016 |

Postdoctoral Research Awards

Overview & Purpose

The TCORS postdoctoral funding is an opportunity for postdoctoral trainees to conduct research that will enhance their investigator capacity in tobacco regulatory science and will lead to specific outcome(s) such as a major publication, external funding application, or a fellowship application. The proposed research must align with the [FDA CTP's priorities](#) in tobacco regulation.

The maximum budget for each award is \$12,500 including indirect costs. The postdoctoral research funds will be awarded for up to one year and projects should be completed by the end date of the fellowship. The GSU Pilot and Developmental Research Core reserves the right to hold additional requests for proposals for postdoctoral awards.

Eligibility

Applicants must be postdoctoral fellows with the Georgia State University Tobacco Center of Regulatory Science, including fellows receiving training at the University of Illinois at Chicago (UIC).

Application: Requirements & Instructions

The proposed project must:

- Align with the FDA CTP research priorities
- Include a defined role for the fellow's advisor/mentor. This is an unpaid role with the purpose of providing advice and mentorship for this grant.
- Provide a research role for at least one (1) graduate level trainee. Trainees include graduate students with the GSU TCORS and Master's or doctoral students at the awardee's institution. Example roles: subject screening, recruitment, and testing; data management and analysis; sample analysis; etc.
 - Researchers should use the [Trainee Engagement Form](#) to identify students with whom they plan to work or to request trainee involvement through the GSU TCORS.

Letter of Intent

To apply for Postdoctoral funding, applicants must submit a (one page) letter of intent to Rachel Lawley rlawley@gsu.edu, by May 8, 2015. The Pilot and Developmental Core will invite full proposals based on LOIs by May 15, 2015. The LOI must include:

- PI name and contact information
- Proposed collaborators: please provide the name of and contact information for the GSU TCORS senior investigator who has agreed to support your project. Include intentions for involving students (i.e. "a PhD student from UIC")
- A preliminary title for the project
- A brief description of research:
 - Overall Goal
 - Aims
 - Significance to tobacco regulatory science
- Explanation of readiness to secure IRB approval for the project by September 1, 2015.

Application

The Postdoctoral Award application is outlined below with page limits specified per section. All pages should be single spaced, in 11-point Arial font, with ½ -inch margins and clear headers to delineate the sections. The documents below constitute the application and should be submitted in one PDF file by July 10, 2015 for September 1, 2015 funding.

Application Outline:

- **TCORS Proposal Cover Page** (Form will be sent with response to LOI)
- **Trainee Engagement Form** (Form will be sent with response to LOI)
- **Lay Language Abstract** suitable for public use and explanation of cross-center collaboration (1/2 page maximum)
- **Specific Aims** (1 page maximum): The specific aims section should include the concise aims of the proposed research, as well as a summary of expected outcomes with the significance and relevance to the CTP's regulatory authority.
- **Proposal Body** (3 page maximum)
 - *Project background*
 - *Significance* – importance of problem and relevance to priority research area
 - *Innovation* – how project contributes to new tobacco regulatory science
 - *Approach*
 - Feasibility, including personnel roles
 - Study design, research methods, analysis plan, etc.
 - Plan for using the results to obtain R01, R03 or R21 funding
 - *References* (do not count toward page limit)
- **NIH Biosketches** for personnel (use new NIH format with 5 page maximum per person <http://grants.nih.gov/grants/funding/424/index.htm#format>)
- **Budget** (Use NIH Budget table fp4 <http://grants.nih.gov/grants/funding/phs398/fp4.docx>)
 - Maximum budget is \$12,500 total
 - Indirect costs for GSU (Indirect Cost Rate is 48%) should be included in your budget
 - Costs NOT allowed include, but are not limited to: salary for advisor, salary for postdoc, research infrastructure that would normally be provided by university.
- **Budget Narrative** (2 page maximum)
 - The budget narrative should explain the use of funds, tying all funds directly to proposed research

Applications are due to rlawley@gsu.edu in one PDF file by July 10 at 5:00pm ET.

Please direct any questions to Rachel Lawley via email rlawley@gsu.edu or by phone at 404-413-9311.

Proposal Review & Award Notification

Each proposal will be reviewed by a primary and secondary reviewer and then moved to a full Grant Selection Committee. The process will be guided by the NIH selection process. The NIH Tobacco

Regulatory Science Program and the FDA CTP have final approval of all funding decisions. Proposals will be reviewed along the following criteria:

- Significance
- Approach
- Feasibility
- Appropriateness (match with FDA CTP research priorities)
- Potential impact on fellow and field of TRS
- Translational relevance and potential for future funding

Reminder: priority will be given to projects that:

- Develop collaborations across the GSU TCORS or with other TCORS sites
- Address urgent or newly emerged topics or methods in tobacco regulatory science
- Advance research related to the major GSU, RTI and UIC TCORS research projects

The Postdoctoral Award budgets will be managed through Georgia State University. It is anticipated that projects will begin on September 1, 2015. Please prepare to have IRB approval upon award start date.

Any research involving human subjects will require IRB approval before funds will be released.
Additional stipulations may be included in the Notice of Award.

Summary Table of Dates: TCORS-Postdoctoral Awards

| Important Dates | What | How |
|---------------------------|--|--|
| May 8, 2015 | Letter of Intent Due | Submit PDF to rlawley@gsu.edu . |
| May 15, 2015 | Response to LOI | Receive email with clearance to proceed |
| July 10, 2015 | Proposal Deadline | Submit proposal in PDF to rlawley@gsu.edu . |
| August 28, 2015 | Notice of Award sent | Receive via email. |
| September 1, 2015 | Project begins | |
| February 28, 2016 | Progress Report Due | Receive appropriate form in January |
| August 31, 2016 | Project End Date | |
| September 15, 2016 | Final Report Due to Developmental Core | Receive appropriate form in July 2016 |

Graduate Student Awards

Overview & Purpose

The TCORS-Graduate Student Award is an opportunity for graduate students at the Master's or doctoral level to receive funding for training or research purposes. The award is not intended to cover the cost of general graduate education, nor pay the investigator (student) for their time. The intent is to fund activities for the student that will enhance his/her training, research, and skills within the area of Tobacco Regulatory Science. A student can apply for funds in order to receive training outside of his/her institution's offerings and specifically in areas that can enhance their skills or knowledge in tobacco regulatory science, such as a specialized workshop, a specific conference, or a training seminar. Funding can also be used to support research projects related to tobacco regulatory science (e.g., funds can be used to purchase a dataset, for data collection expenses, to license for data analysis program relevant to the student's tobacco regulatory science research). Awards are available **up to \$6,000** including indirect costs. Applicants are encouraged to apply for only the funds needed to help us ensure that the most funding opportunities are available to students.

Eligibility & Requirements

Applicants must be students enrolled in the institutions that are a part of the Georgia State University Tobacco Center of Regulatory Science, including the University of Illinois at Chicago (UIC) or at an institution with a financial relationship with the GSU TCORS i.e. an institution that is already contracted with and receiving funds from GSU for work with the TCORS.

The proposed project or activity must include an advisory role for one (1) TCORS researcher from GSU TCORS. The advisor should be an investigator at one of the three institutions of the GSU TCORS (GSU, RTI, or UIC). **The mentor/advisor must review the application and sign the cover page to indicate support for the student's activities.**

Proposals submitted by July 10, 2015 will be reviewed and funded on the schedule outlined for all awards. GSU Pilot and Developmental Research Core reserves the right to hold additional requests for student proposals when the universities are in regular session.

Application: Requirements & Instructions

Please complete your proposal based on the type of funding desired.

- Funding type 1: Training / Education Awards
- Funding type 2: Research Grant

FUNDING TYPE 1 – TRAINING / EDUCATION ACTIVITIES

The Training/Education award requires a deliverable based on the educational activity. Example of deliverables include, but are not limited to, scientific poster for presentation at a conference or talk, a journal article ready for submission. The deliverable must be completed within one year of the educational/scholarly activity or prior to the fulfillment of his/her graduate school program, whichever is first.

The activity must be relevant to tobacco regulatory science. The proposal must include an advisor/mentor in an unpaid role with the purpose of providing advice and mentorship for this proposal and deliverable development. The mentor should be an investigator at one of the three institutions of the GSU TCORS (GSU, RTI, or UIC). **The mentor/advisor must review the application and sign the cover page to indicate support for the student's activities.**

Letter of Intent

To apply for Graduate Student Training / Education funding, applicants must submit a (maximum of one page) letter of intent to Rachel Lawley rlawley@gsu.edu, by May 8, 2015. The Pilot and Developmental Core will invite full proposals based on LOIs by May 15, 2015. The LOI must include:

- PI (student) name, institution and contact information (email and phone)
- Name and Contact Information for the GSU TCORS senior investigator who has agreed to support your activities
- Overview of Educational Activities
- A brief description the relevance to tobacco regulatory science

Application

The Graduate Student Training and Education award application is outlined below with page limits specified for each section. All pages should be single spaced, in 11-point Arial font, with ½ -inch margins and clear headers to delineate the sections. The documents below constitute the application and should be submitted in one PDF file by July 10, 2015. The activities proposed **must** take place and be paid for between September 1, 2015 and August 31, 2016.

Application Outline

- **TCORS Proposal Cover Page** (Form will be sent with response to LOI)
- **Project Proposal** (3 page maximum)
 - *Background of student*, include relevant interests and related areas of research or study
 - *Description* of educational activity to be funded
 - *Significance* of activity
 - What is the impact of the activity on the student's interests/research?
 - Student's objectives for engaging in the activity
 - How does the activity align with the tobacco regulatory science?
 - *Description* of the related deliverable
 - *References*, if necessary (do not count toward page limit)
- **NIH Biosketches** of student and advisor (please use the new NIH format with maximum of 5 pages per person <http://grants.nih.gov/grants/funding/424/index.htm#format>)
- **Budget** (Use NIH Budget table fp4 <http://grants.nih.gov/grants/funding/phs398/fp4.docx>)
 - Maximum budget: \$6,000 (indirect + direct costs total)
 - Direct costs are estimated costs of needed items (data set, participant fees, travel, etc.) The direct cost total can be up to \$4054.
 - Indirect costs for GSU (48% indirect rate) should be included in your budget. Indirect costs equal 48% of the sum of the direct costs requested.
 - Costs NOT allowed include (but are not limited to)

- Salary/Personnel
- Infrastructure normally provided by university
- Books used for university courses
- Literature typically available through a university/institutional library
- Professional memberships
- **Budget Narrative**
 - The budget narrative should explain the use of funds, tying all funds directly to proposed activities.
 - Travel expenses should use federal travel rates available at: <http://www.gsa.gov/portal/content/104877>

Applications are due to rlawley@gsu.edu in one PDF file by July 10 at 5:00pm ET.

Please direct any questions to Rachel Lawley via email rlawley@gsu.edu or by phone at 404-413-9311.

FUNDING TYPE 2: RESEARCH ACTIVITIES

The proposed project must align with the FDA CTP research priorities and must include a role for an advisor/mentor. This is an unpaid role with the purpose of providing advice and mentorship for this grant. The mentor should be an investigator at one of the three institutions of the GSU TCORS (GSU, UIC, or RTI). **The mentor must review the application and sign the cover page to indicate support for the student’s activities.**

Letter of Intent

To apply for Graduate Student Research funding, applicants must submit a (one page maximum) letter of intent to Rachel Lawley rlawley@gsu.edu, by May 8, 2015. The Pilot and Developmental Core will invite full proposals based on LOIs by May 15, 2015. The LOI must include:

- PI (student) name, institution and contact information (email and phone)
- Proposed collaborators: please provide the name of and contact information for the GSU TCORS senior investigator who has agreed to support your project.
- A preliminary title for the project
- A brief description of research (approximately one line each for):
 - Overall Goal
 - Aims
 - Significance to tobacco regulatory science
- Explanation of readiness to secure IRB approval for the project by September 1, 2015.

Application

The Graduate Student Research award application is outlined below with page limits set for each section. All pages should be single spaced, in 11-point Arial font, with ½ -inch margins and clear headers to delineate the sections. The documents below constitute the application and should be submitted in

one PDF file by July 10, 2015 the activities proposed **must** take place and be paid for between September 1, 2015 and August 31, 2016.

Application Outline:

- **TCORS Proposal Cover Page** (Form will be sent with response to LOI)
- **Lay Language Abstract** suitable for public use include an explanation of any cross-center collaboration (½ page maximum)
- **Specific Aims** (1 page maximum): The specific aims section should include the concise aims of the proposed research, as well as a summary of expected outcomes with the significance and relevance to the CTP's regulatory authority.
- **Proposal Body** (3 page maximum)
 - *Project background*
 - *Significance* – importance of problem and relevance to priority research area
 - *Innovation* – how project contributes to new tobacco regulatory science
 - *Approach*
 - Feasibility, including personnel roles
 - Study design, research methods, analysis plan, etc.
 - *References* (do not count toward page limit)
- **NIH Biosketches** of student and advisor (please use the new NIH format with maximum of 5 pages per person <http://grants.nih.gov/grants/funding/424/index.htm#format>)
- **Budget** (Use NIH Budget table fp4 <http://grants.nih.gov/grants/funding/phs398/fp4.docx>)
 - Maximum budget: \$6,000 (indirect + direct costs total)
 - Direct costs are estimated costs of needed items (data set, participant fees, travel, etc.) The direct cost total can be up to \$4054.
 - Indirect costs for GSU (48% indirect rate) should be included in your budget. Indirect costs equal 48% of the sum of the direct costs requested.
 - Costs NOT allowed include (but are not limited to)
 - Salary/Personnel
 - Infrastructure normally provided by university
 - Books used for university courses
 - Literature typically available through a university/institutional library
 - Professional memberships
- **Budget Narrative (maximum 2 page)**
 - The budget narrative should explain the use of funds, tying all budget items directly to your research.
 - Travel expenses should use federal travel rates available at: <http://www.gsa.gov/portal/content/104877>

Applications are due to rlawley@gsu.edu in one PDF file by July 10 at 5:00pm ET.

Please direct any questions to Rachel Lawley via email rlawley@gsu.edu or by phone at 404-413-9311.

Proposal Review & Award Notification

Each proposal will be reviewed for scholarly merit by a primary and secondary reviewer and moved to a Selection Committee. The process will be guided by the NIH selection process and the NIH Tobacco Regulatory Science Program, and the FDA CTP have final approval of all funding decisions. Proposals will be reviewed along the following criteria:

- Significance (for Training and Research proposals)
- Approach (for Research proposals only)
- Feasibility (for Research proposals only)
- Appropriateness of research and deliverable - match with FDA CTP research priorities (for Training and Research proposals)
- Potential impact on student (for Training and Research proposals)

It is anticipated that applicants would be notified of their proposal’s status by August 28, 2015, if they have applied by the July 10th deadline. The Graduate Student Award budgets will be managed through the Georgia State University.

Any research involving human subjects will require IRB approval before funds will be released. Additional stipulations may be included in the Notice of Award.

Summary Table of Dates: TCORS – Graduate Student Awards

| Important Dates | What | How |
|---------------------------|--|--|
| May 8, 2015 | Letter of Intent Due | Submit PDF to rlawley@gsu.edu . |
| May 15, 2015 | Response to LOI | Receive email with clearance to proceed |
| July 10, 2015 | Proposal Deadline | Submit proposal in PDF to rlawley@gsu.edu . |
| August 28, 2015 | Notice of Award sent | Receive via email. |
| September 1, 2015 | Project begins | |
| February 28, 2016 | Progress Report Due | Receive appropriate form in January |
| August 31, 2016 | Project End Date | |
| September 15, 2016 | Final Report Due to Developmental Core | Receive appropriate form in July 2016 |