

# **Integrated Practicum and Culminating Project guide for the MPH in Clinical Translational Science**



2012-2013



COLLEGE OF  
PUBLIC HEALTH

*Revised 7/31/12*

# **INTEGRATED PRACTICUM AND CULMINATING PROJECT FOR THE MASTER OF PUBLIC HEALTH IN CLINICAL TRANSLATIONAL SCIENCE**

## **Overview**

The objective of the integrated practicum and culminating project in the Master of Public Health with a specialization in Clinical Translational Science (MPH-CTS) is to provide the student with a continuum of experiences that constitute the foundation for a career in investigative biomedical science. These experiences range from the initial generation of a testable hypothesis to study design, data collection, data analysis, and ultimately oral and written presentation of results. Accordingly, the practicum and culminating project encompass different stages of the spectrum of experiences but are, in fact, a continuum in the process of new knowledge discovery.

## **The Practicum**

### **Practicum content**

For the MPH-CTS, the practicum represents an opportunity for the student to work closely with a research mentor who serves as the preceptor to guide the student through a series of experiences. The student's academic advisor collaborates in designing and approving the learning content.

Because of the special nature of the CTS program, many students begin their practicum earlier than would be typical in other specializations, engaging in a research apprenticeship experience. Ideally, this will allow the student to participate in all aspects of the topic selection, study design, planning, and implementation of an appropriate research project. In addition, the student should be exposed to the public health issues and ethical concerns that arise in the research. Students should be active participants in the arrangements for a practicum, working closely with their advisor, other college faculty and staff in OAPSS to learn of important college deadlines and required paperwork.

As its name implies, the practicum comprises the practical skills involved in any clinical research project. In addition, the student should have the opportunity to consider the research and its accompanying issues in a larger public health context. The typical MPH-CTS practicum should include the following elements:

1. Participation in the generation of a testable study hypothesis in collaboration with the research mentor;
2. Design of the study including recognition of the classification of the study design (e.g. observational, case control, cohort, prospective clinical trial, etc);
3. Appropriate consideration of the ethics of the study design including participation in the submission of the protocol to the IRB as appropriate;
4. Appropriate planning for study design implementation including performance of pilot studies;

5. Design of data archives including appropriate measures to protect personal health information;
6. Data acquisition and implementation of the final study design.

Students may elect additional components for the practicum. These include experiences related to the conduct of clinical research in its many aspects, such as participation as a student intern in the Institutional Review Board, participation as a biostatistical and study design consultant, or short term investigations related to health care delivery and disease outcomes. In unusual cases, the entire practicum might be composed of these alternative experiences. These departures from the standard practicum format should be discussed and approved by the Director of the MPH/CTS and the MPH/CTS Oversight Committee.

### **Practicum Procedures**

The Master of Public Health requires a minimum of two credit hours of practicum for students in any MPH specialization. Students must spend at least 120 hours focused on the practicum to meet the minimum requirement (60 hours of work equals one credit hour). The hours may be distributed in whatever way makes sense for the student's schedule and the requirements of the work (e.g., 10 hours per week for 12 weeks, a varying schedule over multiple semesters, etc.).

CTS students are encouraged to begin discussions of possible practicum opportunities with their advisors and potential research mentors as soon as possible after beginning the program. Once a practicum has been identified, a Practicum Learning Agreement must be completed and filed with the Office of Academic Programs and Student Services (OAPSS) before actually beginning the practicum. This is the verification that the practicum has the approval of both the research mentor and the advisor, and notifies OAPSS that the student will be accumulating practicum hours.

Recognizing the unique requirements specific to the integrated practicum and culminating project in the MPH-CTS, students are permitted, with permission of their faculty advisors and research mentors, to begin the practicum after completing PUBHBIO 6210 and PUBHEPI 6430 or equivalent or concurrent with enrollment in those courses. Thus, a student taking the typical course schedule may begin the practicum as early as the first semester of regular course work, two or more semesters earlier than is typical for students in other MPH specializations; however, the practicum is not complete until the final report has been submitted and approved. The expectation for the MPH-CTS is that most students will complete the course work and begin their research during the first year, and then continue their research under the guidance of the research mentor after that year.

A maximum of two semester hours of practicum credit (7189) may count towards the degree. In some cases, CTS students may receive approval from the Director of the MPH-CTS program to begin supervised research work with a mentor in the summer before required core course work is initiated. This is an excellent opportunity to gain awareness of the process and challenges characteristic of Clinical Translational Science and add

relevance to subsequent didactic training, although these hours may not be counted as part of the practicum.

The practicum is graded S/U. The grade is assigned by the advisor based on evaluations of the student's experience and final practicum report by both the advisor and the research mentor.

## Practicum Report

All MPH students are required to complete a final written report that will focus on sharing information on the practicum experience. At the conclusion of the practicum portion of their integrated practicum/culminating project experience, CTS students will prepare a brief report discussing the relationship of their research to diagnosis, prevention, or treatment of disease and the overall relevance of their work to the mission of public health. You should discuss the expectations of your report carefully with your advisor.

The report's length needs to be sufficient to cover the expected content carefully, usually around ten pages in length. In addition to the body of the report, include relevant materials developed during the practicum (e.g., surveys, questionnaires, etc.) as appendices. A log of the activities pursued (e.g., dates, hours, setting, persons, and subjects) should accompany the final report.

The practicum report must represent your own individual work. Permission is required from your research mentor and faculty advisor to participate in a project with other CTS students. If you are working on a collaborative project, explain your area of responsibility and describe your contribution to the project.

The final report must present a clear picture of your practicum with details of your research and how this practicum is important to the field of public health.

The following should be included in your practicum report:

1. Hypothesis and its motivation. What is your study hypothesis and what findings or unmet needs in medical knowledge contributed to its generation?
2. What is your overall study design? Classify the study design in terms of retrospective, prospective, case control, cohort, etc.
3. What bioethical issues are relevant to this project? What was your participation in the IRB process (if one was in place simply state, but discuss the ethical and human subjects issues relevant to this project).
4. Describe your plans for data collection and data archiving.
5. What biostatistical methods do you anticipate for the eventual analysis of your data?
6. Briefly discuss the public health relevance of your research project.
7. Indicate the MPH competencies you addressed and how you addressed them.

Your title page should consist of your name, division, cohort year (year you entered the College), project title (as stated in your learning agreement), research mentor (preceptor) and organization, your faculty advisor, and date of submission.

Both the faculty research mentor and the faculty academic advisor will be responsible for verifying the achievement of the practicum objectives and your performance.

One copy each of the final written report, log, and outcomes of the practicum (e.g., questionnaires, fact sheets, etc.) should be provided to your faculty advisor and your research mentor. Once your advisor approves your report, submit an electronic copy of the final document to Dawn Williams, the Coordinator of Practice Education and Career Services in OAPSS.

Sample practicum reports are available for your review in OAPSS in 100 Cunz Hall, 1841 Neil Ave.

For advice on fulfilling the above requirements, please consult your faculty advisor.

## CHECKLIST OF REQUIREMENTS FOR THE CTS PRACTICUM

To be sure you are meeting all practicum requirements, **PLEASE** follow this checklist carefully!!

### Prior to beginning the Practicum:

- \_\_\_ Attend a CTS Practicum Orientation or meet with Dawn Williams in OAPSS to discuss paperwork and deadlines.
- \_\_\_ Review the Integrated Practicum and Culminating Project Guidelines (*explains rules, contains forms*).
- \_\_\_ Submit your protocol to IRB if appropriate.
- \_\_\_ Complete the Permission to Enroll form and the Learning Agreement (like a contract; must be approved by your research mentor and faculty advisor) for the practicum and have your faculty advisor sign it and then submit both documents to Dawn Williams in OAPSS. The forms can be found at: <http://cph.osu.edu/current>. OAPSS will add PUBHLTH 7189 for 2 credit hours to your schedule after you submit the permission form.

### During the Practicum:

- \_\_\_ Document progress on Daily Log (*you must spend at least 120 hours on the research project*).
- \_\_\_ Keep your faculty advisor and research mentor informed of your progress.
- \_\_\_ Schedule a mid-practicum progress review with your advisor and research mentor; have any changes in the project approved by both.

### Final Preparation:

- \_\_\_ Submit one copy of your final Practicum Report to your advisor and each member of your committee.
- \_\_\_ Submit an electronic copy of the final approved Practicum Report to Dawn Williams, the Coordinator for Practice Education and Professional Development in OAPSS by the first day final examinations for the semester.
- \_\_\_ Submit the Student Evaluation, the Advisor Evaluation, and the Preceptor (Research Mentor) Evaluation to OAPSS by the first day of final examinations for the semester in order to receive a grade (*the grade for the practicum is S/U*).

Contact the Coordinator of Practice Education and Career Services, Dawn Williams, with any questions or concerns: [pecs@cph.osu.edu](mailto:pecs@cph.osu.edu) or (614) 247-4380

## **The Culminating Project**

MPH-CTS students satisfy the Culminating Project (CP), by completing a combined practicum and CP. The CP will flow from the research process begun during the practicum, continuing onto complete the appropriate statistical analysis and prepare a manuscript in scientific journal format describing and interpreting the findings. Though students may collaborate with others on the project, the final report must represent the student's own work.

The culminating project continues the research process initiated in the practicum and consists of the appropriate statistical analysis of the data. This analysis is then reported in a final paper, which is to be prepared in scientific journal format. Completion of the culminating project is contingent upon review and approval of the final report by a committee of the faculty advisor and a second CPH faculty member. Both committee members must have category M or P Graduate Faculty status in the College of Public Health and at least one committee member must have a primary appointment in the College. An additional graduate faculty member may serve on the committee if the research mentor does not meet these criteria. Students may present their final work at the annual Graduate Student Research Day. In addition, they are encouraged to submit abstract summaries of their work at national meetings and to publish their findings in an appropriate peer-reviewed scientific journal.

### **Culminating Project Report**

The final report for the culminating project must represent your own individual work. If you are working on a collaborative project, your final report must be some aspect of the project that you completed yourself and must be in the format of a peer-reviewed journal article.

The MPH-CTS culminating project final report should include the following elements:

1. Title Page
2. Abstract – brief summary of the project
3. Introduction and Background – rationale for the project; what is the basic research and why is it of interest
4. Literature Review – synthesize information written by other researchers and evaluate it according to the guiding concept that you have identified for your project
5. Methods – what were the methods and procedures used to collect and analyze data, what were the key variables of interest, and how were those variables measured
6. Results – describe the results of the data analyses and refer to any tables and figures within the text; reference any tables used from other sources
7. Discussion – interpret the data as they relate to project questions, goals, and objectives; discuss the implications of the findings and how they may impact public health

For more details on the culminating project report, consult your faculty advisor.

**TIMELINE AND CHECKLIST OF REQUIREMENTS  
FOR THE CTS CULMINATING PROJECT  
OHIO STATE UNIVERSITY COLLEGE OF PUBLIC HEALTH**

**Two semesters prior to the semester of completion:**

- \_\_\_ Discuss your culminating project with your faculty advisor.
- \_\_\_ Provide your advisor with an outline of your culminating project that includes the draft title, the public health question that will be addressed, and the methods for addressing the question.

**The semester prior to completion:**

- \_\_\_ Have your advisor sign the permission form to register for PUBHLTH 7998 for 3 credit hours during your second to last semester.
- \_\_\_ Submit the permission form to OAPSS for processing.
- \_\_\_ Work with your advisor to identify a second reader with appropriate Graduate Faculty status to serve on your master's exam committee ***at least one semester prior to the semester of graduation.***
- \_\_\_ Submit the application to graduate, signed by you and your faculty advisor, to OAPSS by the seventh Friday of the semester ***prior*** to the semester of graduation.

**The final semester:**

- \_\_\_ Meet with your faculty advisor and agree upon a timeline to complete the requirements for your project.
- \_\_\_ The Master Exam Report form must be submitted to the Graduate School by November 28, 2012 for autumn semester, April 12, 2013 for spring semester, and July 12, 2013 for summer session. Therefore, your project should be completed by the 4th week of the semester. **A first draft of the culminating project must be submitted to your advisor and second reader no later than 1 month prior to the MERF deadline (during the semester of graduation).**
- \_\_\_ Keep your advisor updated on your progress.
- \_\_\_ Submit the final copy of your project to your committee by the deadline specified.
- \_\_\_ Submit an electronic copy of your approved project to OAPSS the Friday before graduation

## **Responsible Research Practice Requirements** (Appendix H of the CPH Handbook)

Many students in the College of Public Health are involved in research, either for their own degree requirements or in work assignments with faculty members or others. It is essential that students learn and abide by the applicable rules concerning research involving human or animal subjects. This topic will be covered in some courses as appropriate. This summary is intended to provide an overview. You are strongly advised to contact your faculty advisor or employer about the procedures described below.

### **What research is covered by this policy?**

All research that collects data from human subjects needs to be approved by the OSU Institutional Review Board (IRB). All research involving animals needs approval from OSU Institutional Animal Care and Use Committee (IACUC). This includes culminating projects, these and doctoral dissertations. In a few rare cases, practicum placements might also need approval if it involves collecting research-type data. When IRB or IACUC approval are necessary, such approval must be obtained before any data collection begins. Allow 6 weeks or more from submission to approval.

### **Research with human subjects**

#### **When do projects need IRB approval?**

The linked document from Ohio State's Human Research Protection Program defines clearly what constitutes "research" and what types of research require IRB oversight. The document can be found here:

<http://orpp.osu.edu/irb/osupolicies/documents/ResearchInvolvingHumanSubjects.pdf> Table 1, on pages 6-8, is a very useful guide to when IRB oversight is required. If your research seems to fall into a "gray area" not clearly covered by this document, contact Ohio State's Office of Responsible Research Practices for help.

#### **Procedures for human subjects research approval**

Students should work closely with their faculty advisors to complete the necessary materials to secure approval for research with human subjects. Guidance, forms and directions are available through the Office of Responsible Research Practices:

<http://orpp.osu.edu/irb>.

All faculty, staff and students participating in human subjects research at Ohio State are required to complete the Collaborative Institutional Training Initiative (CITI) web-based course on human subjects available at <http://orpp.osu.edu/irb/training/citi>. The Office of Responsible Research Practices also offers regular training for researchers. Additional information is available on the Web at <http://orpp.osu.edu/irb/training/>. In addition to completing CITI training, everyone (faculty, staff, and students) involved in sponsored research or other research which is reviewed by the IRB must also complete a Conflict of Interest disclosure, which can be found at <http://orc.osu.edu/regulations-policies/coi/eoci/>.

Some low-risk research may qualify for “exemption” from full IRB review; however, the determination that the research is exempt must be made by the university’s Office of Responsible Research practices (ORRP), and cannot be assumed by the student or investigator. Students who will be using data previously collected by faculty members for a theses, dissertation, or culminating project will also need to obtain IRB approval, frequently via the exempt status form. The form for requesting an exemption determination is available at <http://orpp.osu.edu/irb/exempt/index.cfm>

One aspect of student research which should be noted is that for purposes of the IRB application, the student’s advisor must be listed on the form as the “Principal Investigator,” i.e., the person responsible for the research. The student is a “co-investigator.” Both the student and the advisor must have completed the on-line human subjects training (CITI). The IRB will not review an application unless everyone listed as principal or co-investigator has completed the on-line training.

### **Research with animals**

All animal protocols should be submitted in via the university’s e-Protocol system. Directions to secure approval for research with animals are available through the Office of Responsible Research Practices. Approval requires completion of the Animal Usage Orientation Course (either classroom or online) and the Occupational Health and Safety Training Course (online only). Information regarding these courses is available online at <http://orpp.osu.edu/iacuc/>.

### **Need assistance?**

You are encouraged to contact your faculty advisor or employer about research, including the requirements for responsible research practices. You may also speak with Phyllis Pirie, PhD, Interim Associate Dean for Research in the College of Public Health, if you have questions or concerns.

If you have additional questions or need to discuss specific issues concerning research you are undertaking, contact:

Office of Responsible Research Practices  
The Ohio State University  
300 Research Administration Building  
1960 Kenny Road Columbus, Ohio 43210-1063

**Phone:** (614) 688-8457

**Fax:** (614) 688-0366

<http://orpp.osu.edu/index.cfm>

# CTS PRACTICUM LEARNING AGREEMENT

The Ohio State University College of Public Health

All parties (faculty advisor, preceptor, and the student) must approve and sign this document. For CTS, the research mentor serves as the preceptor. A copy of this agreement should be retained for future reference and monitored by all parties. **Submit the original form to Dawn Williams, Coordinator of Practice Education and Career Services in the Office of Academic Programs & Student Services one week prior to the practicum start date.**

## PRACTICUM DETAILS

Student's Name: \_\_\_\_\_ OSU Name.# \_\_\_\_\_

Practicum Site: \_\_\_\_\_ Dept: \_\_\_\_\_

Address: \_\_\_\_\_

Preceptor's Name: \_\_\_\_\_ Email: \_\_\_\_\_

Preceptor's Title: \_\_\_\_\_ Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Project Title: \_\_\_\_\_

Practicum Dates: \_\_\_\_\_ to \_\_\_\_\_ Hours of Work Per Week: \_\_\_\_\_  
month/day/year month/day/year

Semester Practicum will begin: \_\_\_\_\_

Salary if Applicable (include description of any benefits, e.g., sick/vacation time, travel, etc.): \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

## OBJECTIVES, METHODS & FINAL PRODUCT

Learning Objectives of the Practicum: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Methods and Timetable Necessary to Accomplish Objectives: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

MPH Competencies Addressed (see Student Handbook for list of Competencies): \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**PRACTICUM AGREEMENT**

Continued

Final Product(s) or Report(s) to be Delivered to the Preceptor: \_\_\_\_\_

(besides the required Practicum Final Report)

\_\_\_\_\_  
\_\_\_\_\_

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Student's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Academic Faculty  
Advisor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Preceptor's Name (print): \_\_\_\_\_

Preceptor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**PLEASE RETURN THIS FORM TO:**

Dawn Williams, Coordinator of Practice Education and Career Services  
Office of Academic Programs & Student Services  
College of Public Health  
100 Cunz Hall 1841 Neil Avenue  
Columbus, OH 43210-1351  
[pecs@cph.osu.edu](mailto:pecs@cph.osu.edu) 614-247-4380 (phone) 614-247-1846 (fax)





## CTS Student Practicum Evaluation

Student: \_\_\_\_\_

Preceptor: \_\_\_\_\_

Faculty Advisor: \_\_\_\_\_

Organization: \_\_\_\_\_

Please rate the degree to which you were able to accomplish the following.

|   | Strongly Agree        | Agree                 | Disagree              | Strongly Disagree     | NA                    |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| <b>Core Learning</b>  |                       |                       |                       |                       |                       |
| 1. I was able to apply knowledge of public health principles and theories.  | <input type="radio"/> |
| 2. I was able to apply evidence-based concepts in public health decision-making.  | <input type="radio"/> |
| 3. I was able to communicate effectively within the organization.   | <input type="radio"/> |
| <b>Overall Experience</b>   |                       |                       |                       |                       |                       |
| 4. The preceptor was available to provide advice and guidance.  | <input type="radio"/> |
| 5. There was sufficient communication with the faculty advisor, preceptor, and Office of Academic Programs & Student Services during the practicum. | <input type="radio"/> |
| 6. The curriculum prepared me for the practicum.  | <input type="radio"/> |
| 7. This experience gave me confidence to enter the workforce.   | <input type="radio"/> |
| 8. Overall, I believe this experience expanded my public health knowledge.  | <input type="radio"/> |

### **Additional comments (OPTIONAL):**

9. What suggestions do you have for improving the practicum experience?

10. Would you recommend this preceptor to other students?

- Yes  
 No

11. How did you find this practicum?

- Assistance from the Office of Academic Programs & Student Services  
 Faculty recommendations  
 Personal networking  
 Other: \_\_\_\_\_

12. Were you paid for the practicum (e.g. salary, stipend, honorarium, etc.)?

- Yes  
 No

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

### **PLEASE RETURN THIS FORM TO:**

Dawn Williams, Coordinator of Practice Education and Career Services  
Office of Academic Programs & Student Services  
College of Public Health  
100 Cunz Hall 1841 Neil Avenue  
Columbus, OH 43210-1351  
[pecs@cph.osu.edu](mailto:pecs@cph.osu.edu) 614-247-4380 (phone) 614-247-1846 (fax)

**CTS Preceptor (Research Mentor) Practicum Evaluation**

Student: \_\_\_\_\_

Preceptor: \_\_\_\_\_

Faculty Advisor: \_\_\_\_\_

Organization: \_\_\_\_\_

Please rate the student's abilities in the following areas.

|   | Strongly Agree        | Agree                 | Disagree              | Strongly Disagree     | Not Observed          |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| <b>Core Abilities</b>   |                       |                       |                       |                       |                       |
| 1. Student demonstrated knowledge of public health principles and theories.                           | <input type="radio"/> |
| 2. Student demonstrated an ability to apply evidence-based concepts in public health decision-making. | <input type="radio"/> |
| 3. Student communicated effectively.  | <input type="radio"/> |
| <b>Overall Performance</b>  |                       |                       |                       |                       |                       |
| 4. Student met the goals and deadlines.   | <input type="radio"/> |
| 5. Student was a good match with the project.   | <input type="radio"/> |

6. How would you rate the overall quality of the final report?
- Poor
  - Fair
  - Good
  - Very Good
  - Excellent

**Additional comments (OPTIONAL):**

7. What areas of improvement should the student focus on strengthening?
8. What suggestions do you have for improving the practicum experience?
9. Does any aspect of the student's performance warrant review?
- Yes
  - No
- If Yes, please explain:
10. Would you continue to participate in the practicum program?
- Yes
  - No

\_\_\_\_\_  
Preceptor's Signature

\_\_\_\_\_  
Date

**PLEASE RETURN THIS FORM TO:**

Dawn Williams, Coordinator of Practice Education and Career Services  
Office of Academic Programs & Student Services  
College of Public Health  
100 Cunz Hall 1841 Neil Avenue  
Columbus, OH 43210-1351  
[pecs@cph.osu.edu](mailto:pecs@cph.osu.edu) 614-247-4380 (phone) 614-247-1846 (fax)

## CTS Faculty Advisor Practicum Evaluation

Student: \_\_\_\_\_

Preceptor: \_\_\_\_\_

Faculty Advisor: \_\_\_\_\_

Organization: \_\_\_\_\_

Please rate the degree to which the student met the objectives of the course.

|   | Strongly Agree        | Agree                 | Disagree              | Strongly Disagree     | Not Observed          |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| <b>Final Report</b>   |                       |                       |                       |                       |                       |
| 1. The student described the learning objectives and activities performed.              | <input type="radio"/> |
| 2. The student explained how the learning objectives were met.                          | <input type="radio"/> |
| 3. The student presented outcomes, conclusions and recommendations for the project.     | <input type="radio"/> |
| <b>Overall Experience</b>   |                       |                       |                       |                       |                       |
| 4. The student kept me updated on the progress of the project throughout the practicum. | <input type="radio"/> |
| 5. The student met the course expectations and practicum objectives.                    | <input type="radio"/> |

6. How would you rate the overall quality of the final report?

- Poor
- Fair
- Good
- Very Good
- Excellent

### **Additional comments (OPTIONAL):**

7. What areas of improvement should the student focus on strengthening?

8. What suggestions do you have for improving the practicum experience?

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Faculty Advisor Signature

Date

### **PLEASE RETURN THIS FORM TO:**

Dawn Williams, Coordinator of Practice Education and Career Services  
Office of Academic Programs & Student Services  
College of Public Health  
100 Cunz Hall 1841 Neil Avenue  
Columbus, OH 43210-1351  
[pecs@cph.osu.edu](mailto:pecs@cph.osu.edu) 614-247-4380 (phone) 614-247-1846 (fax)

[Template for Practicum Report Cover Page]

Practicum Final Report

Student Name  
MPH in Clinical Translational Science  
Entering Class of 20xx

Title

Research Mentor: Name  
Department, Organization

Advisor: Name

Date Submitted

[Template for Culminating Project Cover Page]

Title

Student Name  
Entering Class of 20xx

Culminating Project for  
Master of Public Health in Clinical Translational Science

Committee Members:

Faculty Advisor's Name

Research Mentor's Name

Additional Graduate Faculty Member's Name

The Ohio State University College of Public Health

Submitted on Date