

**BOSTON UNIVERSITY SCHOOL OF MEDICINE**

**MASTER IN HEALTH SCIENCES EDUCATION**

**PRACTICUM HANDBOOK**

**2020-2021**

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## **GENERAL INFORMATION**

Each student in the Masters in Health Sciences Education (HSE) program will be required to complete a Practicum. The Practicum will be performed under the guidance of a faculty mentor and overseen by the Practicum Director. The Practicum format is variable and will depend on the student's professional goals, the specific skills they aim to develop and the faculty mentor's expertise.

The Practicum is designed to help students gain hands-on skills based on concepts and theories taught in the classroom. Practicum topics are broadly based on three general areas: (i) Teaching-based, (ii) Curriculum-based or (iii) Research/ Evaluation -based projects. The Practicum should be of reasonable scope as agreed by student and mentor; it must conclude with a formal Capstone paper. The final Capstone must be approved by the Practicum mentor and the Capstone Director.

### **PREREQUISITES**

- Enrollment in the MS in Health Sciences Education program
- Students may begin a practicum at any time provided they have Practicum mentor and the site must be approved by Practicum Director

### **COURSE OPTIONS**

All students in the MS in HSE program must register for the following courses:

HS 800	Principles and Application of the Practicum (2 cr)
HS 801	Health Science Education Practicum I (2cr)
Hs 802	Health Science Education Practicum II (2 cr)

## **OVERVIEW – ELEMENTS OF THE PRACTICUM COURSE**

Completion of your practicum requires:

- Attendance and successful completion of HS 800 – Principle and Application of the Practicum for 2 full semesters
- Selection of a Practicum Mentor and project
  - Facilitated, as needed, with the assistance of HS 800, HS 801, and Drs. Kelley / Davies
  - Meet and design project with Practicum mentor
  - Completion of the Practicum Approval Form
- Required monthly check-ins with Practicum Director once project starts

- Practicum mid-point review
- Submission of Capstone outline to Practicum Director
- Presentation of Practicum in course HS 800
- Review of Capstone by Practicum Mentor
- Submission of final Capstone to Practicum Director

## **PRACTICUM ROLES AND RESPONSIBILITIES**

### **Student**

#### ***Advising***

Students are strongly encouraged to meet at least once per semester with Drs. Markuns and/or Cohen-Osher as needed to discuss coursework, program timeline, and practicum options.

#### ***Practicum Supervision***

Students should meet with the Practicum Director according to the Practicum Tracking Form to discuss the practicum graduation requirement. The Practicum approval form should be submitted and approved before beginning the project. (See attached forms at end of document.)

- The check-ins should be regularly scheduled with Practicum Mentor (see below) and monthly with Drs. Kelley / Davies.
- The Mid-Point Review should be arranged by the student and include an update to both Practicum Mentor and Director of the Practicum progress.
- A Writing Outline is required when student is beginning to write up their Capstone paper on the Practicum. This should be discussed with both your Practicum Supervisor and the Practicum Director.

#### ***Practicum Completion***

Students are required to meet the expectations of the Practicum Mentor as agreed upon on the Practicum Approval form. Upon completion to the satisfaction of both the Practicum Mentor and Director, students will be given a Pass (P) grade. Students who wish to receive honors recognition will need to be recommended by their Practicum Mentor. Projects eligible for honors include exceptional projects leading to a peer-reviewed publication, presentation at a national meeting or similar scholarship.

## **Practicum Mentor**

The Practicum Mentor is your faculty mentor supervising the practicum. They are there to provide support and guidance as you develop your Practicum. As future educators you will be asked to take the lead and direct the project on your own.

You should update your Mentor regularly with your progress throughout the practicum as agreed upon, depending on the scope of the project.

The Practicum Mentor will be required to review and approve your

1. Practicum Approval Form
2. Writing Outline
3. Final Capstone

You may also want to invite them to your presentation during HS 800.

Additionally, the Practicum Mentor should write an evaluation of your practicum experience

## **HOW TO FIND A PRACTICUM**

### **Student Responsibility**

It is the student's responsibility to find their practicum experience. We encourage students to seek out opportunities that align with their career goals in research & assessment, curriculum or leadership areas. We want this experience to solidify your master's experience. Sample topics and opportunities will be discussed in HS 800. Students can seek out opportunities based on personal or professional interests or through professional networking. If a student is struggling to find a practicum site they should reach out to HSE faculty or Dr. Kelley, the Practicum Director.

### **Scope of the Project**

Once a practicum mentor is selected the project outline and goals should be finalized and the Practicum form submitted for approval to HSE Practicum Director.

Depending on the practicum, students will need to work with their Practicum Mentor to complete an IRB or obtain the necessary approval(s) through a department, BUSM or BMC.

### **Mid Point Review**

The Mid Point Review should be completed when you are approximately 50% through your Practicum. Students should use this time to meet with their Practicum Mentor and assess the progress and results of the project to determine if the project timeline is progressing as planned. If not, adjustments should be made.

### **Writing Outline**

Students should provide their Mentor and the Practicum Director with a written outline when nearing completion of the practicum on-site work prior to writing the final Capstone Paper. It should follow the format recommended for the Abstract: Introduction and Justification of Need, Aims, Goal(s), & Methods, Outcome(s) and/or Results and Conclusions & Reflections

## **ORAL PRESENTATION**

All students are required to present their practicum project to their classmates as part of HS 800. The presentation should follow the format:

- Background
- Justification including why you selected this practicum topic, who will benefit, how it fits into the bigger picture of health professions education
- Methods / Results (for research-based) OR Design/Assessment (for curriculum based) OR Overview of teaching experience (for teaching based)
- Discussion and Conclusion
- Reflections / Lessons Learned

Most students will present a lecture style presentation with slides however alternative styles are encouraged depending on the scope and topic of the practicum experience.

The student should invite their Practicum Mentor and any other colleagues/participants in the experience to this final presentation. The presentation does not need to be at the culmination of the Capstone

## **CAPSTONE PROJECT**

### **General Requirements**

The Capstone is a culminating experience where the student prepares a final report describing, evaluating and reflecting on the Practicum experience and outcomes demonstrating a deep understanding of the chosen topic and how it impacts the larger community. The Capstone report should include the following sections:

- Introduction and Literature Review
- Rationale and Justification for the Study
- Methods and Results (as applicable)
- Discussion and Conclusions (based on contribution to the greater educational community)
- Self-Reflection on Practicum experience
- Resume / curriculum vitae

The final scholarly work can then be utilized as part of a Teaching Portfolio

### **Capstone Abstract**

The practicum abstract should concisely provide an overview of the project including the following sections:

1. Introduction and Justification of Need
2. Aims/Goals
3. Outcome(s)/Results
4. Conclusions/Reflections

The abstract should be a maximum of 350 words and submitted at least 2 weeks prior to submission of the final Capstone report.

**PRACTICUM APPROVAL FORM**

Please submit this form to

[hpeinfo@bu.edu](mailto:hpeinfo@bu.edu)

**STUDENT INFORMATION**

Name \_\_\_\_\_

Title \_\_\_\_\_

Affiliation \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_

BU ID \_\_\_\_\_

**YEAR IN HSE PROGRAM**

- 1 year       2 Year       3 Year       more than 3 years

**INTENDED PROGRAM COMPLETION DATE**

Month, Year \_\_\_\_\_

**PROGRAM START DATE**

Month, Year \_\_\_\_\_

**PRACTICUM INFORMATION**

Estimated practicum start date: \_\_\_\_\_ Estimated practicum work hours per week: \_\_\_\_\_

**How did you choose your Practicum Site?**

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



**PRACTICUM MENTOR**

**Last Name**

**First Name**

**Degree (MD, PhD)**

\_\_\_\_\_

**Academic Affiliation and Title**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_

**PRACTICUM TITLE (DRAFT)**

\_\_\_\_\_

\_\_\_\_\_

**DETAILED DESCRIPTION OF PRACTICUM (include # of hours, location, and goals)**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**APPROVAL BY COURSE DIRECTOR (Dr. Maura Kelley and or Theresa Davies)**

\_\_\_\_\_ **SAMPLE PRACTICUM**

## PROJECTS

### Teaching – Based

- Classroom teaching
  - Small groups
  - Problem based learning
  - Teaching with standardized patients
  - LecturesOnline learning
- Clinically based teaching
  - Bedside teaching
  - Small group instruction
  - Precepting
  - Simulation

### Curriculum-Based

- Instructional Design
- Curriculum development
- Program Development
- Develop and Implement a curricular module
- Develop an Interprofessional workshop
- Develop curriculum for educator professional development
- Prepare an online workshop for faculty professional development
- Prepare an online workshop to assist faculty in production of instructional videos
- Implementing a universal curriculum for residents as educators
- Implementing a universal curriculum for residents as mentors
- Website development for educational resources (locally and more broadly)

### Research/Evaluation-Based

- Program evaluation
- Course evaluation / Assessment
- Curriculum evaluation / Assessment
- Test and implement new technologies
- Qualitative / Quantitative Education research

**PRACTICUM TRACKING FORM**

**Student Name:** \_\_\_\_\_

**Year of Matriculation:** \_\_\_\_\_

**Target Program Completion Date:** \_\_\_\_\_

**Practicum Mentor Name:** \_\_\_\_\_

<b>Task</b>	<b>Completion Date</b>	<b>Approval (Davies/Kelley)</b>
Practicum Approval Form		
Check-in 1		
Midpoint Review		
Check-in 2		
Writing Outline		
Final Capstone Submission & Approval		