Course Description:
This course will involve collection of data, interpretation of results, and/or analysis of a research question. The outcome product of the course may be a thorough review of the literature or meta-analysis, case study, case series, or involvement in a study that is suitable for publication or professional presentation.

Course Objectives: At the conclusion of the course the student will be able to:

1) Demonstrate competence in actively engaging in a research study with respect to
   a) research questions and hypotheses
   b) study population and sampling methods
   c) description and selection of the independent and dependent variables
   d) limitations of the study
   e) methods of data collection
   f) appropriateness of the statistical model used for data analysis
   g) importance of the study in relation to the broader literature

2) Synthesize patient information to develop and complete a case study related to OMPT to be submitted to a peer reviewed journal

3) Evaluate multiple sources to develop a thorough review of the literature demonstrating scientific writing in the format of a peer reviewed physical therapy journal.

Hours: 30 hours including completion of pre- and post-course assignments.

Description of teaching methods and learning experiences:
Faculty will mentor Fellows in training in the completion of a project. The Program Director will provide feedback to the Fellow in training in completion of the activity.

Following identification of a research mentor, the Fellow in training will participate in an ongoing research study, develop a case study relevant to OMPT to be submitted to a peer-reviewed journal, or complete a thorough review of the literature. It is expected that this project will be presented as a poster or platform presentation at a professional conference.

Required literature references and additional current references will be provided prior to the course.