

Requisites IAOM-US Fellowship Program

You will then be allowed between 11 and 36 months to complete the following requirements of the Fellowship Program:

1. Successful completion two of **HPPT 6111-6116** ScD program courses, which comprise the clinical rotation components of the Fellowship (315 Fellowship Program hours each for a total of 630 hours).

Each clinical rotation includes:

- A minimum of 75-hour, 1-on-1, intensive clinical experience at the mentor's clinical site (conducted over 2 successive weeks at the mentor's clinical site).
 - A 240-hour distance clinical experience with ongoing mentor contact through on-site contact or web-based technology (conducted over the remaining 14 to maximum 50 weeks in the semester(s) at the fellowship candidate's clinical site). This will include discussions of cases presented by the fellowship candidates as well as presentations and discussions of OMT topics (journal club).
2. **IAOM-US Certification in Orthopedic Manual Therapy (COMT)** for at least the **spine** and the **lower or upper extremities** and attendance to all Orthopedics Manual Therapy courses is required before starting the second fellowship clinical rotation. A minimum spacing of 1 semester is required between these two Fellowship clinical rotations. As a consequence, the candidate will be required to practice skills and reflect on the first course experience prior to engaging in the second course experience.
 3. Successful completion of **HPPT 6304: Orthopaedic Physical Therapy Screening** (60 fellowship Program hours). This course enhances physical therapists' knowledge and clinical skills designed to assist in the screening of patients for orthopaedic conditions, which require examination by a physician. This course includes 24 laboratory and lecture contact hours over a 2-day contact session at the TTUHSC site and 36 web-based contact hours at the candidate's clinical site. In the course the candidates engage in selected readings, and threaded discussions on the web.
 4. Successful completion of **HPPT 6317: Radiological Anatomy** (60 fellowship Program hours). This course will examine the technology and applications of imaging for understanding normal and pathological human anatomy. Plain-film imaging, MRI, CT, and diagnostic ultrasound will be appropriately applied to this discussion. A systematic approach to understanding various images across different joint systems will be provided. In addition, specific normal and pathological anatomy for the spine and extremities will be viewed on x-ray, MRI, and CT, along with special topics in diagnostic ultrasound.

Emphasis is placed on defining normal and pathological anatomy associated with various joints systems as it relates to musculoskeletal conditions. This course includes 16 laboratory and lecture contact hours over a 2-day contact session at the TTUHSC site and 44 web-based contact hours at the candidate's clinical site. In the course the candidates engage in selected readings, and threaded discussions on the web.

5. Successful completion of **HPPT 7305**: Curriculum Design and Teaching in Allied Health (60 Fellowship Program hours). This course includes 16 laboratory and lecture contact hours over a two-day contact session at the TTUHSC site and 44 web-based contact hours at the candidate's clinical site. In the course the candidates are exposed to theories, principles and applications that relate to teaching Physical Therapy students and professionals. The candidates engage in selected readings, writing exercises, and threaded discussions on the web. The candidates are required to draft curriculum components for a topic of his or her choice, including objectives, learning experiences, and lab experiences. Finally, the candidates are asked to teach over a pre-selected content area, where they evaluated in their teaching skills.
6. Successful completion of **HPPT 7301**: Seminar in Clinical Research Design (30 Fellowship Program hours) auditing the course. This course includes 16 laboratory and lecture contact hours over a single weekend at the TTUHSC site and 14 web-based contact hours at the candidate's clinical site. In the course the candidates are exposed to methods in clinical research. This includes processes of designing a research project, develop research questions and hypotheses, obtaining, processing, interpreting, and using clinical data. The candidates engage in selected readings and writing exercises selected by the fellowship mentor. The course additionally includes a 2-day contact session for lecture and lab at TTUHSC in the middle of the semester. The candidates are required to draft design components for a research project of their choice, including background information, research questions, hypotheses and methodology presented at the contact session using tools such as power point presentation.
7. Successful completion of a minimum of six IAOM-US courses (IAOM-US NEXT, Hybrid courses and/or Live courses) that were not part of the pre-requisites for acceptance in the IAOM-US fellowship program, including successful completion of IAOM-US certifications for these six courses (160 hours). If you have taken more than 6 IAOM-US courses, you will be asked to re-take IAOM-US courses as you are required to take 6 IAOM-US OMT courses during the maximum three-year period of the fellowship training. For the IAOM-US OMT courses you have already taken, you will have the choices of which course you re-take, but it should be 3 spine related and 3 extremity related OMT courses. You will have the following options to repeat the courses: (1) Register (\$50 fee with electronic copy of manual for each course) and attend an IAOM-US course and stay with the instructor during lab practice time so to learn from watching others, observe details of corrected techniques, etc., receive certificate of attendance ; or (2) Take the Texas Tech

University Health Sciences Center ScD on-line portion of the IAOM-US course, and act as proctor and coordinator for the threaded discussions; or (3) If you are already in the IAOM-US faculty program, act as an assistant/faculty during the course as needed.

8. Successful completion of up to 3 IAOM-US Sensorimotor control courses will be considered on a case by case basis as an alternative to required IAOM-US OMT coursework that has been previously completed prior to enrollment in the IAOM-US Fellowship Program. The 3-course sensorimotor control curriculum is designed to enable clinicians to execute a systematic, comprehensive, and evidence-based sensorimotor control program aimed at functional recovery for their patients suffering from pain, dysfunction and performance deficits in the spine and extremities. The courses will implement state of the art sensorimotor control and learning principles to address patients' specific sensorimotor control needs in a diagnosis-inclusive fashion. A progressive approach to manual detection and functional examination will be discussed and practiced. The clinician will learn how to design, implement a progress a program that addresses neuromotor and somatosensory fundamental reactivation. Corrective strategies will be implemented in response to functional examination findings. Management will be completed with fundamental performance improvements and functional recovery advancements. Various different dynamic manual facilitation and functional strategies will be discussed relevant to each patient's clinical presentation and clinical cases will be reviewed.
9. Successful completion of up to 2 IAOM-US Beyond Manual Therapy: Strategic Communication as a Clinical Tool courses will be considered on a case by case basis as an alternative to required IAOM-US OMT coursework that has been previously completed prior to enrollment in the IAOM-US Fellowship Program. The 2-course Strategic Communication as a Clinical Tool curriculum is designed to enable clinicians to utilize specific language patterns to decrease resistance and resolve patients' barriers to change, gain exact knowledge for utilizing patients' beliefs to enhance motivation and improve outcomes, decrease non-compliance with challenging patients by employing communication skills that address the six levels of change, create motivation by re-framing injury or illness as an opportunity for positive change, understand motivation styles and communication strategies to successfully intervene and encourage active patient participation by presenting treatment plans complementary to patients' beliefs in a diagnosis-inclusive fashion. A progressive approach to complementary strategies to examination and management will be discussed and practiced. Various different psychosocial strategies will be discussed relevant to each patient's clinical presentation and clinical cases will be reviewed.
10. Successful completion of Fellowship Written Examinations 1 and 2 (80 Fellowship Program hours), which consists of four months of IAOM-US YouTube channel coverage with mentor supervision.

3. Successful completion of 6 patient practical examinations. (4 Fellowship Program hours each for a total of 24 hours). These examinations are conducted during the 1-on-1, intensive clinical experiences in **HPPT 6111** and **6112**.
4. Successful completion of 4 peer-reviewed clinical commentaries. (15 Fellowship Program hours each for a total of 60 hours).
5. Successful completion and submission of a case study to a peer-reviewed journal. (125 Fellowship Program hours). The case study is completed from the candidate's clinical site. After completion, the candidate submits a manuscript to a peer reviewed journal for publication.