Course Information:

Title: Independent Clinical Project in Physical Therapy
Number: PHTH 785
Credit Hours: 2
Semester: Fall 2017
Meeting Times: TBD

Course Instructor Information
Course Director:
Patti Berg-Poppe, PT, NCS
SCSC A383
Patti.Berg@usd.edu
605-658-6366
Office Hours: By Appointment

Assigned Research Advisor | Student Researchers
--- | ---
Patti Berg-Poppe, PT, PhD, NCS | Daphne Binoya; Cindi Hilfman; Hemang Vyas
SCSC A 383 | Proposed Topic: Benefits of Aquatic Therapy for Patients with Hemiplegia on Strength and Balance for Functional Walking
Patti.Berg@usd.edu | 605-658-6366
--- | ---
Joy Karges, PT, EdD | Christian Bolduc; Traci Hurley; Dan Johnson
SCSC A380 | Proposed Topic: Orthopedic topic to be narrowed to Femoral-acetabular impingements, hip abductor strength and patellofemoral pain, or scapular stabilizers and shoulder impingement
Joy.Karges@usd.edu | 605-658-6367
--- | ---
Amanda Adamson, PT, DPT | Terri Dinkelaker; Debbie Sells; Kim Weiner
SCSC A381 | Proposed Topic: Impact of Physical Exercise/Activity on Gait Speed in Special Pediatric Populations
Amanda.Adamson@usd.edu | 605-658-6371
--- | ---
Lana Svien, PT, PhD | Brandon Ness
SCSC A385 | Proposed Topic: Duel Task in Athletes
l.svien@usd.edu | 605-658-6359
--- | ---
Kory Zimney, PT, DPT | 605-658-6373
SCSC A384 | Kory.Zimney@usd.edu
--- | ---
Course Description:

Course Prerequisites
Successful completion of all classes in the first three semesters of the transitional Doctor of Physical Therapy Curriculum, including PHTH 718, PHTH 782, PHTH 784, and PHTH 747, as well as being enrolled in PHTH 707 and PHTH 752.

Graduate Catalog Description/Expanded Course Description
This is an advanced course in clinical research where students will complete individual clinical research projects. Students will develop and complete a clinical research project based on their current practice and related to any aspect of patient/client management, practice management, or professional practice. Students will be mentored by a faculty research advisor who is assigned based on content area.

Course Teaching Methodology/Instruction Methods
Students will be doing self-directed activities mentored by a faculty research advisor who is assigned based on content area.

Required Texts and Reading:
There are no required texts for this course. Books used in previous courses, PHTH 782, PHTH 784, and PHTH 747 are adequate.

STUDENT LEARNING OUTCOMES
Upon completion of this course, students will:

<table>
<thead>
<tr>
<th>*APTA's Preferred Curricular Model for the tDPT Program Model MODULE#</th>
<th>*APTA Competencies of the tDPT Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demonstrate data collection skills in the implementation phase of a research project that contributes to the body of knowledge of physical therapy.</td>
<td>8</td>
</tr>
<tr>
<td>Analyze data during the implementation phase of a research project that contributes to the body of knowledge of physical therapy.</td>
<td>8</td>
</tr>
<tr>
<td>Demonstrate use of information technology to access and secure sources of published information for journal club presentations, written literature reviews/updated manuscripts, and the completed written manuscript.</td>
<td>8, 9</td>
</tr>
<tr>
<td>Critically evaluate research articles related to a research project via a written research manuscript.</td>
<td>8, 9</td>
</tr>
<tr>
<td>Compose the final written manuscript in a “publication ready” format.</td>
<td>13</td>
</tr>
<tr>
<td>In-service presentation disseminating scholarly work.</td>
<td>13</td>
</tr>
<tr>
<td>Demonstrate legal and ethical procedures with data collection, data analysis, and written research manuscript.</td>
<td>8</td>
</tr>
</tbody>
</table>

Course Requirements:
Performance Standards
The student is referred to the USDPT Student Handbook for all academic performance expectations and professional behavior requirements. Each assignment should be turned in on the due date determined by your faculty advisor by 11:59 PM. Late submissions will result in a 10% reduction in the assignment grade for each business day the assignment is late, unless prior approval is given by the instructor.
Research Project Requirements
1. Each student/group must prepare an abstract and manuscript suitable for submission for publication or presentation at a professional meeting. The final abstract and manuscript should be formatted according to the instructions of the scholarly journal or professional association to which it could potentially be submitted for publication or presentation.
2. It is the responsibility of the student(s) to design the study, implement the study, and analyze and disseminate the results of the study. It is also the responsibility of the student to initiate meetings with the faculty research advisor.
3. The role of the faculty research advisor is to guide the student from an academic perspective. The deadlines and guidelines for the draft and final manuscript are per faculty discretion.
4. If the student is unable to meet the timelines set forth, the student must meet with the faculty advisor, course director, and the Director of the Transitional DPT program to determine the appropriate course of action.

Course Assignments:
All written works should be in a font size no less than 12. Please consider all written works to be scientific writing and ensure that there are no grammatical errors. Include your name on all submitted written work.

1. Class Participation (65 points)
Class participation is a large component of this class in order to stimulate academic and clinical discussion of research. The first requirement is to login to D2L within the first week of the course (no later than August 25, 2017). Next, contact your faculty research advisor, introduce yourself and work together to determine a meeting schedule. (5 points)

Students must “attend” all meeting sessions, whether via email or telephone calls. Failure to attend a meeting session will result in zero participation points for the week. Four (4) points will be associated with each week available for meetings during the semester for a total of 60 points. It is at the discretion of your individual faculty research advisor as to whether you will need to be in touch more than one time per week.

2. Submit previously completed literature review project. (5 points)
To help provide more information about your project, you will need to submit your previously completed literature review project to your faculty research advisor. This is to provide your advisor with additional background for implementing and completing your project. This will not be graded again, merely assigned points for timely submission. If this is not submitted to your faculty research advisor by August 25, 2017, zero (0) points will be given.

3. Project Description/ Journal Identification (25 points)
You will submit a brief description of your proposed project to your faculty research advisor by September 1, 2017. It is imperative that this is submitted on time or earlier to allow some discussion to follow about completing the IRB application. This assignment should be no longer than 2 pages. Requirements for the project description include, but are not limited to:
• Project background-why is there a need for this work?
• Proposed type of research (case study, intervention research, outcomes research, survey research, retrospective analysis, etc.) and a description of what you plan to do.
Advise: This project should be completed by the end of this semester, so keep this in mind when selecting a project. If not completed this semester you will receive a grade
of “incomplete” and the grade will be updated/changed when it is completed during the Spring Semester of 2018.

- Proposed journal to which your manuscript may be submitted including the web link for the journal’s “Information for Authors” page. One journal must be chosen as this will determine the format used for the manuscript, and all citations and references. If you are uncertain about a journal, then choose Physical Therapy Journal as the default journal format.

4. Institutional Review Board (IRB) Submission (30 points)
If you are conducting research involving human subjects, you may need to submit an IRB application and informed consent. There are a few exceptions that may allow you to be exempt from this review, however, you may have to submit paperwork to the IRB for an exempt project. It is your responsibility, in conjunction with your advisor, to determine if your project must be reviewed. You will be responsible for contacting the IRB office or investigating the IRB website to clarify if your research must be reviewed. Further, it is your responsibility to determine if your place of work has IRB policies in place that must be met in order to conduct research in the workplace. If you are required to submit your project to the IRB, you must do so by the absolute latest, September 22, 2017, so that a review can take place and still have time to complete your project. Thirty (30) points are allotted for submitting to the IRB. When needed, failure to submit an IRB application and consent form will result in failure of the course as “No intervention or interaction with human subjects in research, including recruitment may begin until the IRB has reviewed and approved the research protocol. Points are allocated according to completeness and appropriateness of the IRB application and, if needed, consent form. If you do not need to submit an IRB form, you will have 30 less total points for the course and your grade will be determined accordingly.

5. Manuscript and Drafts (275 points)
At this point, you have read many research articles and written a few EBP’s, etc., therefore specific information about what to include in each section of the manuscript will not be included here. The final manuscript should be formatted for the appropriate manuscript type (research article, case study, literature review, etc.) and must meet the requirements of the journal to which you plan to submit. Again, you will be responsible for providing your advisor with the web link to the journal (Information for Authors) and formatting. Be sure to include your name on all submitted works.

By example, author guidelines for submitting articles to Physical Therapy Journal can be found at: https://academic.oup.com/ptj/pages/Author_Guidelines

The process for how the manuscript is developed over the course of the semester will be at the discretion of the faculty research advisor. For example, while your IRB is being approved, your advisor may have you submit drafts of your Methods section. Then, while it is being refined, you may then be asked to submit your Introduction section. After data collection and analysis, you will submit your Introduction, Methods, and Results section. Finally, you will complete the Discussion. The final manuscript may then be submitted including Abstract, Introduction, Methods, Results, and Discussion/Conclusion, Tables/Figures, and References. (200 points)
A grade for manuscript drafts will be determined after the final draft of the manuscript has been submitted. Generally, drafts will be graded based on timeliness, appropriateness of information in each section, correct usage of references, grammar, and spelling. (75 points)

At the conclusion of this project/semester, you and your advisor may choose to submit the manuscript for publication, and/or continue to work together on continued data collection. This will be something you and your advisor will determine together. Whether or not you actually submit the manuscript for publication will have no bearing on your grade in this course.

6. Dissemination/In-Service (100 points)
Students will be required to present their research to their peers. The format for this presentation is a platform presentation. If you have ever attended the Annual APTA Conference, or CSM, platform presentations are 15 minutes in length. This project score is worth 100 points and is based on peer evaluation (70 points) and submission of all materials to the faculty advisor is worth (20 points). You are to submit a 1 page self-reflection paper based on the presentation (How did the presentation go? What worked or did not work. How could you improve? How can you use comments provided by your peers to improve future presentations?) (10 points) The powerpoint slides (if used), handouts (if used), sign-in sheet, and peer evaluations are due by December 1, 2017 if you complete your project this semester. If your project continues into the next semester this presentation will be performed at the conclusion of your study. You must have a peer evaluation form made up for your peers to use in evaluating your presentation. This presentation must be completed as an in-service to your colleagues or at a state APTA meeting. In no circumstance is it appropriate to present your project to family members for a grade unless they are employed by your employer and part of your peer group.

Student Assessment
A 90-100
B 80-89.99
C 70-79.99
D 60-69.99
F 50-59.99

Feedback
Students should submit their written assignments via the dropbox in D2L unless otherwise instructed by your advisor. Your advisor may rather use e-mail. Feedback on submitted papers will be included in the feedback portion of the drop box, or in the form of an email directed specifically to the student. Timeliness is important for this course and our goal is to have all drafts returned to the student with feedback within 1 week after their due date. The final manuscript will be returned within 2 weeks after the due date.

POLICIES
Professional Behavior
This syllabus serves as contract between the student and instructor but may be modified if deemed appropriate by the instructor. The student is referred to the Department of Physical Therapy Student Handbook, Section 2-IIIC, for Physical Therapy Program expectations regarding Professional Behavior Requirements.
Students, when posting questions or statements on D2L for discussion purposes, please show courtesy and professionalism to all those in the class. When discussing a patient case (i.e. using the case as an
exemplar to a point you are trying to make), please maintain patient confidentiality. Finally, please submit discussions on time, type in complete sentences, utilize proper AMA formatting (when appropriate), use appropriate grammar, and follow the discussion board guidelines.

Communication
This is an on-line program and therefore communication with the instructors is vitally important. I will do my best to respond to emails within 24-hours on business days and within 48-hours on weekends. I have the same expectation of the students. Please send all email correspondence to: Patti.Berg@usd.edu and not through the D2L email function.

Attendance and Make-up Policy
The student is expected to view and complete all readings/assignments. As this is an on-line environment, you are responsible for your progress in this course. If there are any conflicts with dates and times for assignments, please contact the course instructor. The student is referred to the Department of Physical Therapy Student Handbook Section II-A for further information regarding Attendance and Course of Study Preparedness.

Freedom in Learning
Students are responsible for learning the content of any course of study in which they are enrolled. Under Board of Regents and University policy, student academic performance shall be evaluated solely on an academic basis and students should be free to take reasoned exception to the data or views offered in any course of study. Students who believe that an academic evaluation is unrelated to academic standards but is related instead to judgment of their personal opinion or conduct should contact the dean of the college which offers the class to initiate a review of the evaluation.

ADA Policy
Any student who feels s/he may need academic accommodations or access accommodations based on the impact of a documented disability should contact and register with Disability Services during the class. Disability Services is the official office to assist students through the process of disability verification and coordination of appropriate and reasonable accommodations. Students currently registered with Disability Services must obtain a new accommodation memo each semester. For information contact: Ernetta L. Fox, Director; Disability Services; Room 119 Service Center; (605) 677-6389; dservices@usd.edu.

Inclusiveness & Diversity
The University Senate approves and endorses the following statement: “The University of South Dakota strives to foster a globally inclusive learning environment where opportunities are provided for diversity to be recognized and respected.”

The University of South Dakota, School of Health Sciences is committed to an environment of inclusiveness in classroom and clinical settings that honors the richness of diverse perspectives and inter-professional practice through valuing diverse traditions, heritages, and experiences.

Plagiarism and Academic Dishonesty
Plagiarism is defined as using the words and/or ideas of another and representing them to be your own, without proper credit to the author or source. Whether intentional or unintentional, plagiarism will result, at a minimum, in a grade of zero for that assignment.
Academic dishonesty is defined as, but not limited to the following: copying a classmate’s work, using crib notes during a test, stealing or conveying examination questions, informing classmates of information on practical examination, maintaining library materials so that classmates cannot utilize the materials, falsely representing clinical cases, turning in written assignments that are not authentic, not referencing sources used in assignments (including websites), claiming work that you did not do, or fabrication of any sort.

The University of South Dakota Board Of Regents has established a policy for plagiarism that is firmly upheld by the USD Physical Therapy Program. No credit can be given for a dishonest assignment. At the discretion of the instructor, a student caught engaging in any form of academic dishonesty, including plagiarism, may be:

- Given a zero for that assignment.
- Allowed to rewrite and resubmit the assignment for credit.
- Assigned a reduced grade for the course.
- Dropped from the course.
- Failed in the course.

The USD Physical Therapy Program reserve the right to expel a student, based upon the severity of the academic transgression. **Students are referred to the Department of Physical Therapy Student Handbook, Section 2-V, for Physical Therapy Program expectations regarding Academic Integrity.**

**ADDITIONAL INFORMATION**


When you have a question, you should contact:

- FIRST: your research advisor; SECOND: the course director
- E-mail/ Login/Password Issues: USD Help Desk (605) 677-5028 or helpdesk@usd.edu
- D2L Issues: USD Help Desk (605) 677-5028 or helpdesk@usd.edu
- Computer Issues: USD Help Desk (605) 677-5028 or helpdesk@usd.edu
- To answer many of your questions, please review the “On-Line Orientation Guide” http://www.usd.edu/~/media/files/usd-online/online-orientation-guide.ashx?la=en