Instructor: Dr. Greg Payne
Office Location: SPX 166
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Office Hours: Tuesdays and Thursdays - 10:30 – 11:30
Class Days/Time: Tuesdays from 4p to 6:45pm
Classroom: SPX 151

Course Description
A seminar designed to examine specific theory and research related to the movement changes that occur across the lifespan. Involves interpretation of recent related research and individually guided investigation of a specific area of concern in motor development. Three units.

Course Goals and Student Learning Objectives
1. To review the general framework of lifespan motor development (movement changes with age and the factors that affect them - advancing age, socio-cultural factors, disability, ethnicity, socio-economic conditions, etc.)

2. To develop an ability to read and understand related research.

3. To develop an interest in a specific area of motor development.

4. To pursue an investigation of the research relating to the specific area of interest.

5. To develop a knowledge of those individuals who are prominent in the field of motor development.
6. To develop a knowledge of research typically conducted in motor development.

7. To develop an understanding of the areas of present and future concern for motor development research.

8. To develop an understanding of the terms used and commonly associated with motor development.

9. To develop an understanding of the practical applications of past, present, and future motor development research.

**Required Text**


**Evaluation Plan**

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Final Exam</td>
<td>15%</td>
</tr>
<tr>
<td>Model of Motor development</td>
<td>10%</td>
</tr>
<tr>
<td>Critical Abstracts (5)</td>
<td>35% (7% each)</td>
</tr>
<tr>
<td>Prereview Presentation</td>
<td>05%</td>
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<tr>
<td>Major paper/presentation</td>
<td>20/10%</td>
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<tr>
<td>Contribution to/preparation for class</td>
<td>05%</td>
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**Grading Policies**

1. Papers/assignments will be accepted late only in the event of serious and compelling reasons.
2. Make-up exam will be administered only in the event of serious and compelling reasons.
3. Incompletes will be assigned only in the event of serious and compelling reasons.
4. No extra credit will be awarded.

**University Policies**

Please note that detailed information about the following information can be found at www.sjsu.edu/gup/syllabusinfo/

*Please familiarize yourself with this information.*

- General Expectations, Rights and Responsibilities of the Student
- Dropping and Adding
- Consent for Recording of Class and Public Sharing of Instructor Material
- Academic integrity
- Campus Policy in Compliance with the American Disabilities Act
- Student Technology Resources
## KIN 265 – Course Calendar

<table>
<thead>
<tr>
<th>Date</th>
<th>Topics, Readings, Assignments, Deadlines</th>
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<tbody>
<tr>
<td>8/25</td>
<td>Introduction to course, assignments, evaluation, etc.</td>
</tr>
<tr>
<td>9/1</td>
<td>Overview of Motor Development, Read Chapters 1, 2</td>
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<tr>
<td>9/8</td>
<td>Continued Overview of Motor Development, Read 3</td>
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<td>9/15</td>
<td><strong>Model of Motor Development Due - presentations</strong></td>
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<tr>
<td>9/22</td>
<td>Prenatal Development, Infant Reflexes (see video), Voluntary Movement of Infancy, Read 4, 9, 10</td>
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<tr>
<td>9/29</td>
<td>Fine Movement, Early Motor Stimulation, Read 5, 11 and Abstract 1 due on any topics covered to date: prenatal development, infant reflexes, voluntary movement of infancy</td>
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<tr>
<td>10/6</td>
<td>Fundamental Movement, Read 12, 13</td>
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<tr>
<td>10/13</td>
<td>Abstracts 2 and 3 due on any topics since 9/18: fine movement development, early motor stimulation, fundamental movement</td>
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<tr>
<td>10/20</td>
<td>Pre-review presentations (5-10 minutes each)</td>
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<tr>
<td>10/27</td>
<td>Youth Sports, Read 14</td>
</tr>
<tr>
<td>11/3</td>
<td>Developmental issues associated with fitness and obesity, Read 6, 7</td>
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<tr>
<td>11/10</td>
<td>Aging and Physical Activity, Read 15</td>
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<tr>
<td>11/17</td>
<td>Abstracts 4 and 5 due on any of the topics since 10/9: youth sports, fitness, obesity as related to human development</td>
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<tr>
<td>11/24</td>
<td>Thanksgiving Break</td>
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<tr>
<td>12/1</td>
<td>Final Presentations</td>
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<tr>
<td>12/8</td>
<td>Final Presentations – <strong>Final Papers due</strong></td>
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<tr>
<td>12/15</td>
<td><strong>Final Exam – 2:45pm in SPX 151</strong></td>
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Lifespan Model of Motor Development Assignment

Based on discussions in class, course readings, relevant references, and your own common knowledge and experiences in life, create/design a model (visual representation) of motor development. Your model should include the “stages” through which we normally pass and depict any key factors relating to or affecting motor development that you think are sufficiently important to warrant recognition. This assignment is worth 10% of your grade for this course and will be due on September 15. Include a two page, minimum, explanation/justification for your work. Be prepared to present and justify your model to the class at the time of submission.

Criteria for Evaluation

1. Accuracy
2. Creativity
3. Thoughtfulness and preparation
4. Completeness
5. Clarity and organization in depicting changes across life and key factors
6. Adherence to assignment guidelines
7. Appropriate level of detail
8. Format (neat, professionally presented)

Potential Problems

1. Too simple
2. Too detailed
3. Excessive reliance on or duplication of other models discussed
4. Lack of thought or preparation
Select a research study reported in a major scientific journal from the last three years. Ideas for journal selection are listed below. Be certain that the article you have selected is pertinent to motor development and the relevant abstract topics per each abstract assignment. If you are unsure that the article is appropriate for this assignment, you are encouraged to seek the instructor's approval of the article. Once you have decided on an article that is appropriate and interesting to you, summarize and critique the research. Carefully select the words you use in summarizing being especially careful not to plagiarize the author's work. This means that a simple addition, deletion, or modification of the author's writing may not be sufficient. Double space your paper. It should be approximately two pages in length.

Include a title page formatted as follows:


Your Name

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Then, starting on the first page of your abstract:

**Purpose of the study** - Briefly explain why the author(s) undertook this research. This is often explained in a concise, one sentence explanation toward the beginning of the article.

**Methods or Procedures** - Briefly explain the protocol used to conduct the investigation. Be concise but avoid painstaking detail like the brand names of equipment used or the town in which subject were tested.

**Results** - Explain the results of your study. However, do not attempt to decipher the statistical analysis, if you have had no experience with statistics. A simpler way of completing this part of your paper is to go directly to the end of the author's results section or to their discussion section where they often explain what they found in less statistical terminology.
**Criticism** - Discuss your reaction to the research. Was this a worthwhile investigation? Why or why not? Are the findings practical? Explain and give examples. Do you think the experimenters followed proper scientific procedures? Explain and give examples. This section should reflect considerable thought on your part and should be given thorough consideration. Substantiate claims you make regarding the research.

**Your paper will be evaluated using the following criteria:**
1. format
2. writing clarity
3. relevance and accuracy of comments
4. organization
5. validity and relevance of critique
6. substantiation of claims made
7. relevance of study selected
8. adherence to assignment guidelines

**Common problems on past papers:**
1. too brief. Be concise (brief, but information packed).
2. poor writing resulting from little or no proofreading
3. plagiarism
4. failing to include a critique or inclusion of a token critique
5. selecting an unrelated journal article
6. excessively long - successful abstracting is condensing much information into a small space
7. selecting an article which contains multiple studies

**The following possible journals to explore though many others would be appropriate:**

- *Research Quarterly for Exercise and Sports*
- *Child Development*
- *Journal of Medicine and Science in Sports and Exercise*
- *Developmental Medicine and Child Neurology*
- *Exercise Science*
- *Physician and Sportsmedicine*

- *Journal of Human Movement Studies*
- *Journal of Motor Behavior*
- *Perceptual and Motor Skills*
- *Journal of Gerontology*
- *Journal of Applied Physiology*
- *Physical Therapy*
- *Journal of Aging and Physical Pediatric Activity*
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Pre-Review Presentation

Prepare a five-minute oral presentation of the review that you think you will undertake for your final paper and presentation. Briefly explain the problem. Why is it an area that needs to be studied? How did you become interested in the topic and what evidence exists to suggest that it is in need of examination? What are practical implications that may result from this research, if any?

Also include a statement of how you intend to proceed in your library investigation. Highlight some of the major sources that you have already found and the plans you have for extending your search for information. By this time you should have uncovered at least seven to 10 primary sources that are related to this topic. They do not need to be directly related at this point but should be of, at least, indirect value. For example, they may contain references that will potentially be more directly valuable or will lead you to more sources.

For the sake of time, do not use Power Point for this presentation. Be prepared to field questions and comments following your presentation. Your prereview presentation is worth 5% of your total evaluation for the course. All presentations will be made on October 20. You will be evaluated on the following criteria:

1. organization
2. level of preparation/knowledge of topic
3. speaking clarity
4. adherence to assignment guidelines
5. efficient use of time
6. relevance and accuracy of information presented
7. professional demeanor
8. ability to command the attention of the audience
Select a research problem or issue related to motor development. This topic should be of special interest to you and must be approved by the instructor. This topic should yield a fairly sizable body of research. However, it should not be so extensive that you would be unable to complete a thorough review of the literature. Seek a topic which will produce about 15 primary research investigations following a thorough library search. If you cannot locate 15 studies, you have not done a thorough search or your topic is too narrow. If you can easily locate more than 15, your topic may be too general for this assignment. This paper should be an original composition written specifically for this course.

Once you have determined a topic, complete your library search. Find all available literature on the topic and concisely abstract the information for inclusion in your final paper.

Then, write an introduction to the topic. Explain the topic, its history and relevance. Include any pertinent, related information which will not be included in the review section of this paper. Additional references which may not be primary investigations could be useful for this section and are encouraged. Develop the topic in this section; explain why it is a problem or issue.

After completing the introduction, review the literature. Concisely convey to the reader exactly what was determined from the individual primary research studies you located on this topic. This section will also be in essay format with each paragraph (approximately) allocated to a separate reference dealing with your topic. Summarize all pertinent references.

Finally, your last section of this paper will make a conclusion(s) concerning this topic. Your conclusions(s) should be based on the references that make up your review, not your personal opinion. Hopefully, on the basis of this thorough review, you will also be able to make some recommendations concerning this topic. This is the most important section of the paper and should be evidence of considerable synthesis and thinking on your part.

The paper should be typed, double spaced, and approximately 18 pages in length. It will be due in class on December 8, 2016.

Recommended (approximate) length of each section:

- Introduction: 2-3 pages
- Review of literature: 10-11 pages
- Conclusions/Recommendations: 3 pages
- References: 2-3 pages

This paper is worth 20% of your final grade in this course. You will be assigned a date to orally present this information to the class. Your presentation will account for an additional 10% of your grade. You will have approximately 20 minutes to make your presentation with additional minutes being allowed for discussion and questions. During your
presentation you should emphasize the significance of your topic, briefly summarize a few key references, and then concentrate on the most important part, the conclusions and recommendations. **The presentation should not be an oral reading!** As noted in the criteria for evaluation, emphasis should be placed on presenting in an interesting, informative, creative manner which is conducive to the greatest learning and retention by your fellow students. **Presentations dates will be assigned and will be on December 1 or 8.** Power Point should be used for this presentation.

**Criteria for Evaluation/Paper**
1. writing clarity
2. format (APA guidelines)
3. organization
4. adherence to assignment guidelines
5. evidence of thorough understanding of topic
6. relevance of topic
7. evidence of accurate synthesis of current research

**Criteria for Evaluation/Presentation**
1. speaking clarity
2. organization
3. adherence to assignment guidelines
4. evidence of thorough understanding and coverage of topic
5. educational value to fellow students
6. interest to fellow students
7. creativity