

**OST 567 – Care of the Young and Aging Adult II**

SEMESTER 3 – YEAR 2016

Syllabus last updated: 4/08/2016 aes

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**Notice to Students:** Although course syllabi at MSUCOM have a consistent format, vitally important details differ by course. For this reason, you must read the syllabus thoroughly at the onset of each course to know what the course will provide and what is expected of you.

## Section 1 – Course Information

### **Course Description**

Care of the Young and Aging Adult II is a 1 credit hour course that provides students with:

#### **Pediatric Curriculum:**

The goal of the pediatric curriculum is to provide students with a firm fund of knowledge regarding normal pediatric growth and development and pathologic conditions that affect children. The physical, physiologic, and psychosocial aspects of childhood will be explored and applied in the clinical setting with the ultimate goal of providing children with quality osteopathic care.

#### **Geriatric Curriculum:**

The goal of the geriatric curriculum is to provide students with a firm fund of knowledge regarding the goals of care in the aging adult: symptomatic relief versus cure in the aging adult, and a focus on improving quality of life.

### **Course Goals**

Please note that specific instructional objectives are provided within each lecture and case day of this course.

#### **Pediatric Portion**

The goal of the pediatric portion of the Young and Aging Adult course in Semester 3 is to provide the students with an overview of specific diseases and conditions that affect children within the following systems: neuromusculoskeletal, endocrine, urologic, and reproductive. Due to the integrative nature of the curriculum, some of this content will be taught and evaluated by systems-course faculty.

#### **Geriatric Portion**

Objectives can be found in Ham's:

- Chapter 16 – Delirium
- Chapter 17 – Alzheimer's Disease & Other Dementias
- Chapter 6 – Appropriate Prescribing
- Chapter 19 – Balance, Gait, & Mobility
- Chapter 20 – Falls
- Chapter 3 – Assessment

Students can find sample review questions at the end of each chapter.

## Course Coordinators

(Note - Preferred method of contact is shown in italics)

Name: Dr. Francis Komara, D.O. Phone: 517-353-2960 Email: <a href="mailto:komaraf@msu.edu">komaraf@msu.edu</a> Address: 211 B West Fee Hall, East Lansing, MI	Name: Melissa Rosenberg, M.D. Phone: 517-353-3100 Email: <a href="mailto:Melissa.Rosenberg@hc.msu.edu">Melissa.Rosenberg@hc.msu.edu</a> Address: 654 E. Fee Hall, East Lansing, MI
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## Course Faculty

(Note - Preferred method of contact is in italics)

Name: Phone: Email: Site:	Joel Greenberg, D.O. 515-351-3100 <a href="mailto:Joel.Greenberg@hc.msu.edu">Joel.Greenberg@hc.msu.edu</a> <u>u</u> EL	Rachel Christensen, D.O. 515-351-3100 <a href="mailto:Rachel.Christensen@hc.msu.edu">Rachel.Christensen@hc.msu.edu</a> <u>edu</u> EL	Mari Douma, D.O. 515-353-3100 <a href="mailto:douma@msu.edu">douma@msu.edu</a> EL
Name: Phone: Email: Site:	Gerard Breitzer, D.O. 517-351-3100 <a href="mailto:Gerard.Breitzer@hc.msu.edu">Gerard.Breitzer@hc.msu.edu</a> <u>u</u> EL	Kimberly Mitcham, D.O. 313-351-3100 <a href="mailto:Kimberly.Mitcham@hc.msu.edu">Kimberly.Mitcham@hc.msu.edu</a> <u>du</u> EL	Steve Williams, M.D. 515-351-3100 <a href="mailto:hiramcatfish@gmail.com">hiramcatfish@gmail.com</a> EL
Name: Phone: Email: Site:	Christopher Pohlod, D.O. 517-351-3100 <a href="mailto:pohlodch@msu.edu">pohlodch@msu.edu</a> EL	Jennifer Boote, D. O. 517-351-3100 <a href="mailto:Jennifer.Boote@hc.msu.edu">Jennifer.Boote@hc.msu.edu</a> <u>u</u> EL	Robert Root, D.O. 517-351-3100 <a href="mailto:Robert.Root@hc.msu.edu">Robert.Root@hc.msu.edu</a> EL
Name: Phone: Email: Site:	Ken Stringer, D. O. 517-351-3100 <a href="mailto:Stringe3@msu.edu">Stringe3@msu.edu</a> EL	Sabrina Dinkha 517-353-3100 <a href="mailto:Sabrina.dinkah@hc.msu.edu">Sabrina.dinkah@hc.msu.edu</a> <u>du</u> EL	Kelli Udelhofen 517-351-3100 <a href="mailto:Udelhof1@msu.edu">Udelhof1@msu.edu</a> DMC
Name: Phone: Email: Site:	John Thornburg, D.O., Ph.D. 517-353-4383 <a href="mailto:thronbur@msu.edu">thronbur@msu.edu</a> EL		

## Curriculum Assistants

	EL	DMC	MUC
Name: Phone: Email:	Alex Seddon (Lead) (517) 432-7295 <a href="mailto:Alexander.Seddon@hc.msu.edu">Alexander.Seddon@hc.msu.edu</a>	Jeff Tremblay 517-578-9629 <a href="mailto:Trembl18@msu.edu">Trembl18@msu.edu</a>	Simone Jennings (586) 263-6746 <a href="mailto:sj@msu.edu">sj@msu.edu</a>

## Lines of Communication

- For administrative aspects of the Course: please contact the lead Curriculum Assistant Alex Seddon at [Alexander.Seddon@hc.msu.edu](mailto:Alexander.Seddon@hc.msu.edu) or (517) 432-7295.
- For content questions relating to a specific lecture or topic: contact the faculty presenter for that specific portion of the course or your SE MI on-site instructor.
- For absences/missed exams (see excused absence information below)

## Office Hours

Questions concerning the course may be discussed individually by making an appointment with the Course Coordinators, Dr. M. Rosenberg & Dr. F. Komara, Departmental Office, by phone via e-mail. The Course Coordinators are both clinical faculty, so their schedules vary, please email them for appointments if you need to meet with them. You can also reach out to Alex Seddon at [Alexander.Seddon@hc.msu.edu](mailto:Alexander.Seddon@hc.msu.edu) to get you in touch with specific faculty.

## Course Web Site

The URL for the Course web site is <https://d2l.msu.edu/>

The course D2L site has these PERTINENT sections:

- **Announcements** – Course-related communication to the class will be made here. You should check for announcements on a daily basis.
- **Resources** – Contains the course syllabus with information about the instructional teams, textbooks, exam dates, grading system, rules and regulations, etc.
- **Lessons** – Lecture recordings, tutorials (TT), self-study modules (SSM), and other course-related materials.
- **Communicate** – Contains the course-related email system and the Discussion Forums.
- **Discussion Boards** – Lists of "submitted" questions. It is highly recommended that you check the discussion forum prior to sending a question to faculty as it is very likely that you are not the only student with questions – your question and others may already be available for your review – saving you time.

## Textbooks and Reference Materials

Required	Recommended	Online versions
<ul style="list-style-type: none"><li>▪ OST 568 Course Pack</li><li>▪ Nelson's Textbook of Pediatrics, 19<sup>th</sup> edition, ISBN #9781437707557</li><li>▪ Hams Primary Care Geriatrics: A Case-Based Approach, 6<sup>th</sup> Edition by Richard J. Ham MD ISBN-10: #0323089364 ISBN-13: #978-0323089364</li></ul>	<ul style="list-style-type: none"><li>▪ <a href="http://www.comsep.org">http://www.comsep.org</a></li><li>▪ <a href="http://www.Pogoe.org">http://www.Pogoe.org</a></li></ul>	Required texts are available online through the MSU Libraries: <ul style="list-style-type: none"><li>▪ <a href="#">Nelson's (ClinicalKey)</a></li><li>▪ <a href="#">Hams' (ClinicalKey)</a></li></ul>

## PLEASE NOTE:

This course utilizes Ham's textbook "Primary Care Geriatrics, a Case-Based Approach", 6<sup>th</sup> edition with the geriatric materials. **Be sure to read** the assigned chapters prior to the corresponding lecture, concentrating on the objectives that are listed in the textbook and online. It is necessary for you to review the online chapter components, which include objectives, practice test questions, and cases. Pay special attention to the cases in the chapters. Review of PowerPoint presentations alone is **NOT sufficient** for success in this course. Go to ExpertConsult.com & use the Access Code printed on the inside front cover of your textbook for online access. Lectures, online modules, and PowerPoint presentations will emphasize the content & objectives in the readings, with live lecture times providing opportunities for discussion.

## i>Clicker Use in Course

i>Clickers will be used in this class. An i>Clicker 2 is required for this class. The mobile application, i>ClickerGO, will not be allowed.

In this course, i>Clicker input may be used in the following ways: to provide practice with concepts and principles, to stimulate discussion and/or to give mini-quizzes. Questions may be posed at any time during the class hour. No make-up experiences will be provided should you forget your i>Clicker. The i>Clicker will be the only mechanism to record attendance during large group lectures.

- If the i>Clicker is used to take attendance, you will be expected to arrive in class on time and to stay for the duration of the assigned activity.
- If you bring your i>Clicker and it fails during the lecture, please see the course representative immediately after the lecture to inform us of the problem. NO points for attendance will be given unless you notify us at the time of the lecture.

Please refer to additional i>Clicker policy information provided in Section 2 of this syllabus.

## Course-based Academic Support

The value you derive from this course (and those that follow it) will depend on many factors, but most importantly the amount of time and effort you put into it. In undergraduate courses, students often concentrate on just getting through the next exam or individual courses. But medical education is different because it is cumulative. Study for understanding, not just short term memorization. This will allow you to understand concepts and carry them forward with you to the next step in your medical education.

You are strongly urged to:

- Consult the course D2L web site frequently to see announcements.
- Complete the preparatory work assigned for each lab and lecture session; this includes working through the online modules, problem sets or any other advance study activities.
- Attend every lecture and lab session. Plan to stay to the end of each lab session, in order to take full advantage of the opportunities to work collaboratively with your classmates, to interact with faculty, and to participate in the question reviews at the conclusion of lab.

- Actively annotate your Course Pack as you prepare for each class session, as each class session progresses, and also during your follow-up study.
- Complete the follow-up (supplemental) reading and self-study exercises as directed in the Course Pack and on the D2L web site.
- Use the practice exam questions available in Ham's to help guide your review and preparation for exams. Do NOT wait until the day before an exam to look at these practice exam questions. Instead, start using them several days prior to each exam to help guide your review and exam preparation.
- Each member of the teaching team has a well-deserved reputation for being approachable and for helping students achieve success. Avail yourself of the opportunities for help provided by the course faculty -- in person, via e-mail, and at scheduled help sessions or call them to schedule an appointment time.
- The time immediately before or after a course lecture is often too hectic to provide a good opportunity to get help from course instructors. By contrast, lab sessions (especially at the end when some of the students have already departed) or scheduled office appointments provide an excellent time to ask questions of course faculty.
- Keep in mind that you can contact course faculty by e-mail with your questions. Note: Whenever you pose a question by e-mail, include what you THINK the answer is. This makes it much easier for the instructor to either confirm your understanding and/or offer clarification.
- Face-to-face contact with faculty at lecture sessions -- In addition to the faculty person giving a lecture, one or more of the course faculty regularly sit in on course lecture sessions at each site. This provides you with an opportunity to pose a quick question or to request a personal meeting with your local campus faculty. E-mail is also a good way to set up a personal meeting with a particular faculty member.
- Study groups - Many students find it beneficial to study with one or more partners, and we strongly encourage this activity. Studying together can be efficient (what one student doesn't understand, another one will), stimulating (personal interaction can help keep you focused and alert), and motivating (commitment to a partner supplements self-discipline). We encourage you to study with suitable partners. We caution you, however, to avoid study groups that turn into "gab fests" or where one or two students do all the talking. Remember, you may THINK you understand a concept when you hear someone else explain it, but you'll KNOW you understand the concept only when YOU can explain it to someone else. So, make sure you get to talk in your study group!
- Caution: Scribe note services are not sanctioned by MSUCOM and are not endorsed by the course faculty. Course faculty assume no responsibility whatsoever for errors in the "scribe notes". It is unwise to expect the "scribes" to substitute for your own attendance in lecture or lab, your own note taking, or your own studying.
- Additional academic support resources can be accessed at:  
[http://com.msu.edu/Students/Academic\\_Development/index.htm](http://com.msu.edu/Students/Academic_Development/index.htm)

In summary, the course faculty are here to facilitate your learning. The large number of students in this course (about 300) necessitates a degree of formality. Also, since your schedules are very full, we must adhere rigidly to the lecture, small group and lab times assigned to this course. However, within these constraints, the needs of individual students will be accommodated whenever possible. Please feel free to contact the Course Coordinator with any personal issues you may have involving this course.

## Courses begin and end dates

OST 567 begins on 2/4/2016 and ends on 5/4/2016. See addendum for detailed daily course schedule.

## Exams/Assessments

There will be a total of 4 exams and 2 case discussions given in Care of the Young and Aging Adult II this year. Your accumulated score on the exams and case discussions will determine your grade in the course. The examination schedule is as follows:

Assessment	Projected Points	Material to be Covered
S3UE3 2/15/16	5	In-office assessment of memory disorders
Case Discussion 3/24/16	10	Too Much Too Little Workshop (TMTL)
S3UE6 3/28/16	10 (5 for obesity and 5 for failure to thrive)	Dr. Pohlod's Pediatric Obesity & Failure to Thrive lectures
S3UE9 4/18/16	5	Dr. Williams' Pediatric Hematuria and Proteinuria
Case Discussion 4/22/16	10	Aging Adult Case Studies
S3UE12 5/4/16	17	Geriatric Pharmacology Cases, Mobility Assessment of the Aging Patient, Aging Adult Case Studies, Female Pediatric GU Problems and Teen Pregnancy

## Integrated Reasoning Sessions

There will be no Integrative reasoning sessions within this course.

## Course Grades

A student's grade is determined by the following formula:

$$\frac{S3UE3 + S3UE6 + S3UE9 + S3UE12 + TMTL + Aging Adult Case Studies}{Total Points Possible} \times 100\% = Final Percent Score$$

- **P-Pass**—means that credit is granted and that the student achieved a level of performance judged to be satisfactory by the instructor. To obtain a “P” grade for this course, a student must obtain 70% of all available points.
- **N-No Grade**—means that no credit is granted and that the student did not achieve a level of performance judged to be satisfactory by the instructor. A student who accumulates less than 70% will receive an “N” grade.
- **Remediation** - Since all of the courses in the MSUCOM curriculum are required, any student receiving an “N” grade must remediate the course. If eligible the student will be contacted by Exam Coordinator Nancy Thoma (Nancy.Thoma@hc.msu.edu ) to take a comprehensive

multiple choice remediation exam. Please refer to the remediation policy information provided in Section 2 of this syllabus for information on College requirements and eligibility determination.

- **All remediation exams for Semester 3b courses are scheduled for Saturday May 14, 2016 and Sunday May 15, 2016.**

## **Student Evaluation of the Course**

We want your feedback on how to improve this course.

- **Informal Feedback:** Feel free to approach the Course Coordinators, Dr. F. Komara & Dr. M. Rosenberg, or any of the other course faculty with your reactions and suggestions. Or write out your comments and email them to the Course Coordinator or Faculty. From time to time, we may also convene focus groups of students, as an additional way to elicit your opinions and suggestions.
- **Formal Evaluation:** In addition to the above, we ask every student in the class to complete formal on-line course evaluation upon conclusion of the course. Student course evaluations are highly recommended. Student feedback provides Course Coordinators with valuable information regarding their performance, the performance of their colleagues, and the quality of the course. The information gained from these evaluations is used to continuously improve future offerings of this course. Students can access the evaluation system at: [http://kobiljak.msu.edu/Evaluation/Unit1\\_II.htm](http://kobiljak.msu.edu/Evaluation/Unit1_II.htm) and it will be available from 5/2/2016 to 5/16/2016. Your participation in this important process is greatly appreciated.



## Section 2 – Policies

### **Academic Honesty and Professionalism**

[http://com.msu.edu/Students/Professional\\_Development/Statement\\_on\\_Professionalism.htm](http://com.msu.edu/Students/Professional_Development/Statement_on_Professionalism.htm)

Every student is responsible for their behavior and is expected to adhere to all MSU and MSUCOM policies of academic honesty and professionalism. If there is any instance of academic dishonesty or unprofessionalism discovered by a member of the faculty, administration or staff, it is his or her responsibility to take appropriate action.

Such action may include, but is not limited to: giving a failing grade, referring a student for judicial review, directing the student to the Associate Dean of Student Services, and any other actions outlined in the Medical Students' Rights and Responsibilities document.

<http://com.msu.edu/AP/Professionalism/MSRR-Offical-Document-Final.pdf>

### **Absences from Mandatory Class Sessions and Examinations/Assessments**

MSUCOM students are expected to attend all mandatory class sessions (e.g., lectures, laboratories, group activities) and take all examinations/assessments during their originally scheduled times. If this is not possible an excused absence may be requested.

Excused absences will not be given to all who make a request. If a request for an excused absence is denied, the student will receive a zero (0) grade for the mandatory session or examination/assessment in question, which may result in the issuance of an "N" grade in the course.

#### ✓ **Personal Emergencies:**

To obtain an excused absence, you need to make the following contact, as appropriate, within 24 hours of the scheduled class session or administration of the examination/assessment.

A personal emergency is typically defined as the death of an immediate family member, serious illness, automobile accident and/or hospitalization. Situations including, but not limited to: failure to be on time, conflicting appointments and failure to provide proper identification or bring required materials/devices will not be considered a personal emergency, and requests based upon these situations will be denied.

If an examination/assessment or other mandatory experience is missed due to medical reasons, a medical provider's written confirmation will be required before the request is considered.

EL -	Dr. Falls, Associate Dean for Student Services	(517) 353-8799
DMC -	Dr. Willyerd, Associate Dean	(313) 578-9600
MUC -	Dr. Waarala, Assistant Dean	(586) 263-6731

✓ **Where there is advance notice of absence:**

A student must submit his/her excused absence request at least one week in advance of any scheduled mandatory class session or examination/assessment.

Requests for excused absences regarding weddings, family celebrations and vacations will be denied.

EL -	Dr. Falls, Associate Dean for Student Services	(517) 353-8799
DMC -	Dr. Willyerd, Associate Dean	(313) 578-9600
MUC -	Dr. Waarala, Assistant Dean	(586) 263-6731

### **Computer-Based Testing**

[http://www.com.msu.edu/AP/preclerkship\\_program/preclerkship\\_curriculum/preclerkship\\_curriculum%20.htm](http://www.com.msu.edu/AP/preclerkship_program/preclerkship_curriculum/preclerkship_curriculum%20.htm)

It is the responsibility of each and every student (including students restarting and overload students) to know and be in compliance with the MSUCOM policy regarding computer-based testing. It is possible that adjustments may need to be made to this policy, and students will be notified of those adjustments when necessary.

In addition, each and every student must possess his or her own electronic device that is compatible with the software program SoftTest, and ensure that it is fully functional and operational at the time of every computerized assessment.

If a student has difficulties with respect to their technology prior to an assessment, he or she can send an email to [OsteoMedAP@hc.msu.edu](mailto:OsteoMedAP@hc.msu.edu) (which is monitored during normal business hours) for a response within 24 hours of viewing or call the lead curriculum assistant for more urgent matters. Overload students taking courses with the class of 2019 have the opportunity to engage in computer-based testing. In order to take exams on a computerized device it is the responsibility of the overload student to email the lead curriculum assistant prior to the first scheduled day of the course. The decision to utilize computer-based testing is final, and will not be changed after it has been made. If no notice is given to the lead curriculum assistant prior to the first scheduled day of the course, the decision will be that the student does not want to participate in computer-based testing and will receive all relevant assessments via scantron and paper.

### **i>Clicker Policy**

[http://www.com.msu.edu/Students/Policies\\_and\\_Programs/iCLICKER\\_Policy.htm](http://www.com.msu.edu/Students/Policies_and_Programs/iCLICKER_Policy.htm)

You are expected to have your i>Clicker registered prior to the beginning of this class. You are responsible for bringing your i>Clicker to every class with you. Class will proceed as planned, even if you have forgotten to bring your i>Clicker with you. Paper completion of i>Clicker activities will not be accepted as a substitute for the i>Clicker response. Please make sure that your i>Clicker is always in working order.

As a matter of professionalism, please note that under no circumstances should you loan your i>Clicker to another student. Nor should you ever be in the possession of an i>Clicker other than your own. **Answering questions or checking in for attendance on behalf of another student by using his or her i>Clicker is considered to be an act of dishonesty and may result in dismissal from the college.**

## **Remediation Policy**

Remediation of an “N” grade will be governed by the MSUCOM Policy for Retention, Promotion and Graduation (relevant content found under Remediation section), ([http://www.com.msu.edu/Students/Policies\\_and\\_Programs/Remediation\\_Policy.htm](http://www.com.msu.edu/Students/Policies_and_Programs/Remediation_Policy.htm)) and by the remediation section of each course syllabus.

It is the responsibility of each student in the Michigan State University College of Osteopathic Medicine to verify his/her eligibility, with the Office of Student Services, prior to the administration of the remediation examination/experience.

Students deemed eligible for remediation by the registrar will be informed by the Course Coordinators. Information on remediation format, date and time will be provided then.

## **Requests for Special Accommodations**

Michigan State University is committed to providing equal opportunity for participation in all programs, services and activities. Requests for accommodations by persons with disabilities may be made by contacting the Resource Center for Persons with Disabilities at 517-884-RCPD or on the web at <http://www.rcpd.msu.edu/> . Once your eligibility for an accommodation has been determined, you may be issued a Verified Individualized Services and Accommodation (VISA) form. Please present the VISA to Cheryl Luick, [luick@msu.edu](mailto:luick@msu.edu) A329 East Fee Hall at the start of the term and/or two weeks prior to the assessment event (test, project, labs, etc.). Requests received after this date will be honored whenever possible.

It is the responsibility of the Student with Accommodations to contact the Course Coordinator and the Curriculum Assistant two weeks prior to the beginning of the semester, when the VISA is obtained prior to the start of the semester. When the VISA is obtained after the start of a semester, the student will notify the Course Coordinator and the Curriculum Assistant two weeks prior to the next scheduled evaluation.

## **Addendum: Course Schedule**