OST 566
Care for the Young and the Aging Adult I
Fall Semester 2–2014
revised: 08/11/14 amr
Table of Contents
Course Information ......................................................................................................................... 1
Course Goals ................................................................................................................................. 1
Course Coordinators ..................................................................................................................... 4
Course Faculty ............................................................................................................................... 4
Curriculum Assistants .................................................................................................................. 5
Lines of Communication .............................................................................................................. 5
Office Hours ................................................................................................................................. 5
Course Web Site ............................................................................................................................ 5
Textbooks and Reference Materials ............................................................................................ 6
i>Clicker Use in Course .................................................................................................................. 6
Course-based Academic Support .................................................................................................. 7
Course Schedule .......................................................................................................................... 8
Exams/Assessments ...................................................................................................................... 8
Course Grades ............................................................................................................................... 9
Student Evaluation of the Course ............................................................................................... 9
Academic Honesty and Professionalism ...................................................................................... 11
Attendance/Excused Absence ...................................................................................................... 11
i>Clicker Policy ............................................................................................................................ 12
Remediation Policy ....................................................................................................................... 12

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

Care for the Young and the Aging Adult I is a 1 credit hour course.

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.

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

Pediatric Objectives:

GROWTH & DEVELOPMENT: GOALS & OBJECTIVES
Know the basic developmental goals (physical and psychological) of each age:

- Fetal
- Neonate
- Infant
- Toddler
- Pre-School-Aged
- School-Aged
- Teen

Know how the physical and psychological development relate to age-specific:

- Behaviors
- Nutritional Needs (including lactation recommendations, benefits, contraindications, anatomy-physiology)
- Safety Concerns
- Physical Findings

Know what factors impact health and growth and development:
• Maternal Pre-Natal Health
• Labor & Delivery Processes Genetics
• Nutrition

Social Environment

Know how to assess the adequacy of growth and development:

• Plot & Interpret growth charts, including neonatal
• Developmental Screening Tools
• School Progress

Know some variations of normal growth and development and how they impact the child.

• Premature Birth
• Developmental Delay
  • Slow Growth: "channeling", familial short stature, constitutional growth delay
  • Cognitive Deficits & Learning Issues

Know the appropriate anticipatory guidance to give for each age group:

• Nutrition, Activity, Behavior, Safety, Hygiene, Discipline

Know how to approach and manage these common pediatric situations:

• Newborn-infant feeding problems: excessive weight loss-slow weight gain; formula intolerance
• Breastfeeding problems: latch problems, refusal to latch, engorgement, low milk supply, sore nipples Infant colic
• Infant growth concerns: "not following the curve" on the growth chart
• Infant separation anxiety
• Infant developmental delay- motor
• Toddler developmental delay- language
• Toddler temper tantrums
• Pre-school picky eater
• Pre-school obesity
• School-aged misbehavior problems
• School-aged poor school performance
• Teen behavior concerns: "risky behaviors" & acting out
• Teen eating concerns: vegetarian diet; bulking-up approaches

Geriatric Objectives

Can be found in the Ham’s text in chapters 1 & 3.

Please note that additional, more detailed learning objectives are provided within each lecture or case session of this course.

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

<table>
<thead>
<tr>
<th>Name: Melissa Rosenberg, M.D.</th>
<th>Phone: 517-353-3100</th>
<th>Email: <a href="mailto:Melissa.Rosenberg@hc.msu.edu">Melissa.Rosenberg@hc.msu.edu</a></th>
<th>Address: 547 B West Fee Hall, East Lansing, MI 48824</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name: Francis A. Komara, D.O.</td>
<td>Phone: 517-353-2960</td>
<td>Email: <a href="mailto:komaraf@msu.edu">komaraf@msu.edu</a></td>
<td>Address: 211 B West Fee Hall, East Lansing, MI 48824</td>
</tr>
</tbody>
</table>

Course Faculty-Pediatric

All pediatric faculty are located in East Lansing on the 5th floor of West Fee Hall. The phone number contact for all faculty is 517-353-3100. Email contact is the preferred means of communication with faculty and staff.

<table>
<thead>
<tr>
<th>Name: Joel Greenberg, D.O.</th>
<th>Email: <a href="mailto:Joel.Greenberg@hc.msu.edu">Joel.Greenberg@hc.msu.edu</a></th>
<th>Name: Kimberly Mitcham, D.O.</th>
<th>Email: <a href="mailto:Kimberly.Mitcham@hc.msu.edu">Kimberly.Mitcham@hc.msu.edu</a></th>
<th>Name: Mari Douma, D.O.</th>
<th>Email: <a href="mailto:douma@msu.edu">douma@msu.edu</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Name: Gerard Breitzer, D.O.</td>
<td>Email: <a href="mailto:Gerard.Breitzer@hc.msu.edu">Gerard.Breitzer@hc.msu.edu</a></td>
<td>Name: Steve Williams, M.D.</td>
<td>Email: <a href="mailto:hiramcatfish@gmail.com">hiramcatfish@gmail.com</a></td>
<td>Name: Christopher Pohlod, D.O.</td>
<td>Email: <a href="mailto:pohlod@msu.edu">pohlod@msu.edu</a></td>
</tr>
<tr>
<td>Name: Jennifer Boote, D.O.</td>
<td>Email: <a href="mailto:Jennifer.Boote@hc.msu.edu">Jennifer.Boote@hc.msu.edu</a></td>
<td>Name: Robert Root, D.O.</td>
<td>Email: <a href="mailto:Robert.Root@hc.msu.edu">Robert.Root@hc.msu.edu</a></td>
<td>Name: Rachel Christensen, D.O.</td>
<td>Email: <a href="mailto:Rachel.Christensen@hc.msu.edu">Rachel.Christensen@hc.msu.edu</a></td>
</tr>
<tr>
<td>Name: Ken Stringer, D.O.</td>
<td>Email: <a href="mailto:stringe3@msu.edu">stringe3@msu.edu</a></td>
<td>Name: Sabrina Dinkha</td>
<td>Email: <a href="mailto:Sabrina.dinkha@hc.msu.edu">Sabrina.dinkha@hc.msu.edu</a></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Course Faculty-Geriatric

<table>
<thead>
<tr>
<th>Name:</th>
<th>Email:</th>
<th>Email:</th>
<th>Email:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kevin Foley, M.D.</td>
<td><a href="mailto:foleyke@msu.edu">foleyke@msu.edu</a></td>
<td>Annette Carron, D.O.</td>
<td><a href="mailto:egreen01@att.net">egreen01@att.net</a></td>
</tr>
<tr>
<td>Annette Carron, D.O.</td>
<td></td>
<td>John Thornburg, D.O.</td>
<td><a href="mailto:thornbur@msu.edu">thornbur@msu.edu</a></td>
</tr>
<tr>
<td>John Thornburg, D.O.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rosemary Tolson, D.O.</td>
<td><a href="mailto:tolsonro@msu.edu">tolsonro@msu.edu</a></td>
<td>Edward Rosick, D.O.</td>
<td><a href="mailto:rosick@msu.edu">rosick@msu.edu</a></td>
</tr>
<tr>
<td>Edward Rosick, D.O.</td>
<td></td>
<td>Qing Ping Wang, M.D.</td>
<td><a href="mailto:wapgq@msu.edu">wapgq@msu.edu</a></td>
</tr>
<tr>
<td>Qing Ping Wang, M.D.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Curriculum Assistants

<table>
<thead>
<tr>
<th>EL LEAD</th>
<th>DMC</th>
<th>MUC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Angela Resseguie</td>
<td>Charity Troutt</td>
<td>Katie Schorling</td>
</tr>
<tr>
<td>515-353-9932</td>
<td>313-578-9628</td>
<td>586-226-4788</td>
</tr>
<tr>
<td><a href="mailto:angela.resseguie@hc.msu.edu">angela.resseguie@hc.msu.edu</a></td>
<td><a href="mailto:troutch@msu.edu">troutch@msu.edu</a></td>
<td><a href="mailto:katie.schorling@hc.msu.edu">katie.schorling@hc.msu.edu</a></td>
</tr>
</tbody>
</table>

Lines of Communication

- For administrative aspects of the Course: contact the appropriate course coordinator.
- For content questions relating to a specific lecture or topic: contact the faculty presenter for that specific portion of the course or your SEMI on-site instructor.
- For absences/missed exams (see excused absence information below).

Office Hours

Pediatrics

Questions concerning pediatrics may be discussed individually by making an appointment with Dr. Melissa Rosenberg, 547 B West Fee Hall, by phone at 517-353-3100 or e-mail: Melissa.Rosenberg@hc.msu.edu. Dr. Rosenberg is available on a limited basis by appointment only on Thursdays.

Geriatrics

Questions concerning geriatrics may be discussed individually by making an appointment with Dr. Francis Komara, 211 B West Fee Hall, by phone at 517-353-2960 or e-mail: komara@msu.edu. Dr. Komara is available during limited hours on Mondays, Wednesdays, and Fridays.

Course Web Site

The URL for the Course website is: https://d2l.msu.edu

The course D2L site has these MAIN sections:
- Announcements – Course-related communication to the class will be made here. You
should check for announcements on a daily basis.

- **Syllabus** - Information about textbooks, exam dates, grading system, rules and regulations, etc. as well as information on the instructional team.

- **Course Content** – Geriatric content will be available on the D2L course website. Pediatric content will be available in the OST 566 Course Pack. Case study and workshop materials will be distributed during each session; please see the course schedule on page 9 of this syllabus for specific case session and lecture information. Lecture recordings, tutorials (TT), self-study modules (SSM), and all other course-related materials will be deposited here.

### Textbooks and Reference Materials

<table>
<thead>
<tr>
<th>Required</th>
<th>Recommended</th>
<th>Optional</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>OST 568 Course Pack</strong></td>
<td><strong><a href="http://www.comsep.org">http://www.comsep.org</a></strong></td>
<td></td>
</tr>
</tbody>
</table>

### Clicker Use in Course

i>Clickers will not be used in this class.
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 and to access various study aids (e.g., follow-up to in-lab problem sets, practice exam questions, and answers to frequently asked questions).
- 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 Angel web site.
- Use the practice exam questions (posted on Angel prior to each exam) 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.
- 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.
- Attend the course Help Sessions, which are scheduled prior to the course exams.
- 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_Career_Guidance/index.htm

In summary, the course faculty is here to facilitate your learning. Please feel free to contact the Course Coordinator with any personal issues you may have involving this course.

**OST 566 Fall 2014 Course Schedule**

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Origination</th>
<th>Title</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/19/14</td>
<td>8:00-8:50</td>
<td>ONLINE</td>
<td><strong>Read Chapter 1</strong> Normal Aging vs. Illness</td>
<td>Dr. Komara</td>
</tr>
<tr>
<td>11/20/14</td>
<td>10:00-10:50</td>
<td>ONLINE</td>
<td><strong>Read Chapter 3</strong> Geriatric History &amp; Physical Examinations</td>
<td>Dr. Komara</td>
</tr>
<tr>
<td>11/21/14</td>
<td>11:00-11:50</td>
<td>ONLINE</td>
<td>Atypical Presentations of Disease in elderly</td>
<td>Dr. Komara</td>
</tr>
<tr>
<td>11/26/14</td>
<td>8:00-8:50</td>
<td>ONLINE</td>
<td>Growth &amp; Development Yrs 0-4</td>
<td>Dr. Douma</td>
</tr>
<tr>
<td>11/26/14</td>
<td>9:00-9:50</td>
<td>ONLINE</td>
<td>Nutrition</td>
<td>Dr. Douma</td>
</tr>
<tr>
<td>11/26/14</td>
<td>10:00-10:50</td>
<td>ONLINE</td>
<td>School Aged Children</td>
<td>Dr. Mitcham</td>
</tr>
<tr>
<td>11/26/14</td>
<td>11:00-11:55</td>
<td>ONLINE</td>
<td>Adolescent Health</td>
<td>Dr. Boote</td>
</tr>
<tr>
<td>12/03/14</td>
<td>8:00-9:50</td>
<td>EL/LOCAL</td>
<td>Geriatric Cases Group A</td>
<td>Dr. Komara</td>
</tr>
<tr>
<td>12/03/14</td>
<td>9:00-10:50</td>
<td>EL/LOCAL</td>
<td>Geriatric Cases Group B</td>
<td>Dr. Komara</td>
</tr>
<tr>
<td>12/04/14</td>
<td>8:00-9:50</td>
<td>EL/LOCAL</td>
<td>Pediatric Cases Group A</td>
<td>Dr. Rosenberg</td>
</tr>
<tr>
<td>12/04/14</td>
<td>9:00-10:50</td>
<td>EL/LOCAL</td>
<td>Pediatric Cases Group B</td>
<td>Dr. Rosenberg</td>
</tr>
</tbody>
</table>

**Exams/Assessments**
There will be a one assessment in OST 566 this semester. Your score on the final exam and your scores on the case study sessions will determine your grade in the course. The assessment schedule is as follows:

<table>
<thead>
<tr>
<th>Assessments</th>
<th>Projected Points</th>
<th>Material to be Covered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geriatric Small Groups</td>
<td>10</td>
<td>Material from all Geriatric modules and prescribed Ham's chapters</td>
</tr>
<tr>
<td>Pediatric Small Groups</td>
<td>10</td>
<td>Materials from all online modules and readings</td>
</tr>
<tr>
<td>Unit Exam</td>
<td>35 - 45</td>
<td>All pediatric materials, including modules, live lectures, readings and course pack</td>
</tr>
</tbody>
</table>
Course Grades

- **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 total points available**.

- **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%**.

- Remediation - Since all of the courses in the MSUCOM curriculum are required, any student receiving an “N” grade must remediate the course. Please refer to the remediation policy information provided in Section 2 of this syllabus for information on College requirements and eligibility determination.

Unit Exam Answer Keys

Unofficial unit exam answer keys will be posted on D2L following the written unit lecture exams so that students who completed their “tear off” sheet during the allotted exam time can receive feedback on their scores on their exam day. Faculty will then review the statistical reports for each question to determine if a re-score is required (e.g. one or more answers are correct). The grades will be set and the OFFICIAL answer key will replace the unofficial key on D2L and student scores will be finalized. There are no student grade inquiries or challenges accepted for any question on the unit lecture exams. Decisions about exam questions are made based upon statistical analysis. These exams will be posted for student viewing during the exam review display session (see Google calendar).

Student Evaluation of the Course

We would like your feedback on how to improve this course.

- **Informal Feedback**: Feel free to approach the Course Coordinators, Dr. Melissa Rosenberg, or Dr. Francis Komara, or any of the other course faculty with your 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 a formal online course evaluation upon conclusion of the course. Student course evaluations are optional, but strongly encouraged, for OST 568. 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/UnitI_II.html](http://kobiljak.msu.edu/Evaluation/UnitI_II.html) and it will be **available from December 5, 2014 @ 9:00 am through December 15, 2014 @ 5:00 pm**. Your participation in this important process is greatly appreciated.
Section 2 – Policies

Academic Honesty and Professionalism
http://www.com.msu.edu/AP/Professionalism/professionalism.htm

Each individual student is responsible for their behavior and is expected to maintain standards of academic honesty and professionalism. If any instance of academic dishonesty (cheating, plagiarism, etc.) is discovered by an instructor, it is his or her responsibility to take appropriate action. Such action may include giving a failing grade to the student in the course and/or referring the student for judicial review and possible disciplinary action, which may include disciplinary suspension or dismissal from the College.

Attendance/Excused Absence
In accordance with the MSU All-University Policy on Attendance, MSUCOM does not have a regulation requiring class attendance. However, the College understands and supports the need and the right of the faculty to expect student attendance and participation in many curricular components with consequences if the student is not attending. In the spirit of professional behavior, MSUCOM students are expected to attend required class sessions (e.g., lectures, laboratories) and take all examinations during their originally scheduled times. If this is not possible, the student must obtain an excused absence. **Excused absences will be accepted in extraordinary or unusual circumstances, at the discretion of the course coordinators, for the mandatory case study sessions in this course. Make-up opportunities will be offered only per an excused absence and at the discretion of the course coordinators.** To obtain an excused absence, you need to make the following contact, as appropriate, prior to the scheduled administration of the examination(s).

 ✓ **Personal Emergencies:**
   (e.g., death in family, serious illness (acute), hospitalization, automobile difficulties).
   EL - Dr. Falls, Associate Dean for Student Services  (517) 353-8799
   DMC - Dr. Willyerd, Associate Dean  (313) 578-9600
   MUC - Dr. Hortos, Associate Dean  (586) 263-6731

 ✓ **Where there is advance notice of absence:**
   To obtain an excused absence, you need to make one of the following contacts as appropriate:
   EL - Dr. Falls, Associate Dean for Student Services  (517) 353-8799
   DMC - Dr. Willyerd, Associate Dean  (313) 578-9600
   MUC - Dr. Hortos, Associate Dean  (586) 263-6731

For advance notice absences, a student must submit his/her excused absence request at least one week in advance of the scheduled mandatory class session(s) or examination(s). Weddings, family celebrations, vacations, conferences, etc are not considered acceptable excuses. If an examination or other required experience is missed due to medical reasons, an attending physician’s written confirmation will be required in order for the absence to be excused.
Clicker Policy
Clickers will not be used in this course.

Remediation Policy
http://com.msu.edu/Students/Policies_and_Programs/Remediation_Policy.htm

Remediation of an “N” grade will be governed by the MSUCOM Policy for Retention, Promotion and Graduation 5.1.4 Remediation of “N” Grades, (http://com.msu.edu/Students/Policies_and_Programs/Policies_Programs.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 and provided with information on the remediation format, date, and time.