OST 569
Care for the Young and the Aging Adult IV
Fall Semester 2014
Revised 5/22/14amr
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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 for the Young and the Aging Adult IV 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, care versus cure in the aging adult and a focus on promoting function and quality of life.

Course Goals
Pediatric Portion Lecture-Specific Objectives:

1) Hematology
   A. Neonatal Anemia
   B. Childhood Anemia
   C. Hemoglobinopathies
      a. Sickle Cell Anemia
      b. Thalassemia
   D. Understand Disorders of Coagulation
      a. Normal coagulation
      b. Laboratory testing for coagulation
      c. ITP (Idiopathic Thrombocytopenia Purpura)
      d. HSP (Henoch Schoenlein Purpura)
      e. VonWillebrand’s Disease
      f. Hemophilia
      g. DIC (Disseminated Intravascular Coagulation)
   E. Common Cancers of Childhood
      a. Leukemia
      b. Astrocytoma
      c. Lymphoma

2) Child & Adolescent Psychiatry Cases
   A. Recognize common child/adolescent psychiatric diagnoses

   B. Understand the differences between the presentation of childhood and adult onset psychiatric disorders

   C. Identify the proper treatments for child and adolescent disorders: ADHD, LD, Autism, MDD, Anxiety Disorders, ODD and Conduct Disorder.
3) Cardiology
   A. Fetal Circulation
   B. Changes in Circulation at Birth
   C. Clinical Presentation of Heart Disease in Neonate
   D. Non-Cyanotic Heart Disease
   E. Cyanotic Heart Disease
   F. Obstructive Heart Disease
   G. Pediatric Hypertension
   H. Kawasaki’s Disease

Geriatric Portion

TBA

Please note that specific instructional objectives are provided within each lecture or other learning activity of this course.

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

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

Pediatric Faculty
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.

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

Name: Francis A. Komara, DO  
Email: komaraf@msu.edu  

Annette Carron, DO  
carron@msu.edu

Curriculum Assistants

<table>
<thead>
<tr>
<th>EL LEAD</th>
<th>DMC</th>
<th>MUC</th>
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</thead>
<tbody>
<tr>
<td>Name:</td>
<td>Angela Resseguie</td>
<td>Katelyn Johnston</td>
</tr>
<tr>
<td>Phone:</td>
<td>517-353-9932</td>
<td>313-578-9628</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:angela.resseguie@hc.msu.edu">angela.resseguie@hc.msu.edu</a></td>
<td><a href="mailto:katelyn.johnston@hc.msu.edu">katelyn.johnston@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: komaraf@msu.edu. Dr. Komara is available only by appointment during limited hours on Mondays, Wednesdays, and Fridays.

Course Web Site
The URL for the Course website is http://d2l.msu.edu

The course D2Lsite 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 and in the Ham’s text. Pediatric content will be available in the OST 569 Course Pack. Case study and workshop materials will be distributed during each session. Lecture recordings, tutorials (TT), self-study modules (SSM), and all other course-related materials will be deposited in the course schedule.
Textbooks and Reference Materials

<table>
<thead>
<tr>
<th>Required</th>
<th>Recommended</th>
<th>Optional</th>
</tr>
</thead>
<tbody>
<tr>
<td>OST 569 Course Pack</td>
<td><a href="http://www.comsep.org">www.comsep.org</a></td>
<td></td>
</tr>
<tr>
<td>Lecture materials located on ANGEL</td>
<td><a href="http://www.Pogoe.org">www.Pogoe.org</a></td>
<td></td>
</tr>
<tr>
<td>for geriatric content</td>
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<tr>
<td>Nelson’s Textbook of Pediatrics,</td>
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<tr>
<td>19th Edition</td>
<td></td>
<td></td>
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<tr>
<td>Bickley, LS. Bates’ Guide to</td>
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<td></td>
</tr>
<tr>
<td>Physical Examination and History</td>
<td></td>
<td></td>
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<tr>
<td>Taking, 10th Edition</td>
<td></td>
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<tr>
<td>Hams Primary Care Geriatrics: A</td>
<td></td>
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<tr>
<td>Case-Based Approach, 6th Edition</td>
<td></td>
<td></td>
</tr>
<tr>
<td>by Richard J. Ham MD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0323089364</td>
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<td></td>
</tr>
</tbody>
</table>

**i>Clicker Use in Course**

>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 D2L web site.
- 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.
- 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_Support/Academic_Support_Main.htm

In summary, the course faculty are here to facilitate your learning. Please feel free to contact the Course
Coordinator with any personal issues you may have involving this course.
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>9/8/14</td>
<td>9:00-9:50</td>
<td>ONLINE</td>
<td>Pediatric Hematology</td>
<td>Stringer</td>
</tr>
<tr>
<td>9/8/14</td>
<td>10:00-10:50</td>
<td>ONLINE</td>
<td>Pediatric Hematology</td>
<td>Stringer</td>
</tr>
<tr>
<td>9/16/14</td>
<td>8:00-8:50</td>
<td>EL</td>
<td>Child &amp; Adolescent Psychiatry Cases</td>
<td>Ley</td>
</tr>
<tr>
<td>9/16/14</td>
<td>9:00-9:50</td>
<td>EL</td>
<td>Child &amp; Adolescent Psychiatry Cases</td>
<td>Ley</td>
</tr>
<tr>
<td>9/17/14</td>
<td>9:00-9:50</td>
<td>ONLINE</td>
<td>POGOe Podcast</td>
<td>Komara</td>
</tr>
<tr>
<td>9/18/14</td>
<td>8:00-8:50</td>
<td>EL</td>
<td>Management of Behavioral Disorders Problems</td>
<td>Komara</td>
</tr>
<tr>
<td>10/14/14</td>
<td>9:00-9:50</td>
<td>DMC</td>
<td>Pain &amp; Symptom Mangement</td>
<td>Carron</td>
</tr>
<tr>
<td>10/16/14</td>
<td>8:00-9:50</td>
<td>DMC</td>
<td>Hospice &amp; Palliative Medicine</td>
<td>Carron</td>
</tr>
<tr>
<td>11/05/14</td>
<td>1:00-2:00</td>
<td>ONLINE</td>
<td>POGOe Online Modules 1&amp;2</td>
<td>Carron</td>
</tr>
<tr>
<td>11/10/14</td>
<td>8:00-8:50</td>
<td>ONLINE</td>
<td>Pediatric Cardiology</td>
<td>Stringer</td>
</tr>
<tr>
<td>11/10/14</td>
<td>9:00-9:50</td>
<td>ONLINE</td>
<td>Pediatric Cardiology</td>
<td>Stringer</td>
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</tbody>
</table>

Exams/Assessments

There will be a total of 4 assessments in OST 569 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>Child &amp; Adolescent Psychiatry Cases- 9/16/2014</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>POGOe Module Completion</td>
<td>TBA</td>
<td>Modules on Pain and Symptom Management 5 &amp; 6**</td>
</tr>
<tr>
<td>Exam Points</td>
<td></td>
<td>See Below for Question Distribution</td>
</tr>
<tr>
<td>Unit Exam 2</td>
<td>2-8</td>
<td>Lecture material from 9/8</td>
</tr>
<tr>
<td>Unit Exam 3</td>
<td>8-32</td>
<td>Lecture material from 9/16-9/18</td>
</tr>
<tr>
<td>Unit Exam 5</td>
<td>4-16</td>
<td>Lecture material from 10/14-10/16</td>
</tr>
<tr>
<td>Unit Exam 8</td>
<td>6-24</td>
<td>Lecture material from 11/05-11/10</td>
</tr>
<tr>
<td>Total</td>
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</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 in the course.
- **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% of points in the course 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. Please refer to the remediation policy information provided in Section 2 of this syllabus for information on College requirements and eligibility determination.
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. 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 569. 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 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. 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.

i>Clicker Policy
http://www.com.msu.edu/ss/iClicker.html

It is the responsibility of each student to bring his or her iClicker to each class session and to ensure that this device is functional. Classes shall proceed as scheduled even if a student has failed to bring this device to class.

The policy of Michigan State College of Osteopathic Medicine regarding the permitted uses of the iClicker shall be strictly enforced in this course. The policy states:

You are expected to bring your iClicker to class regularly so that you will always be prepared when you need to use your unit. Class will proceed as planned, even if you have forgotten to bring your iClicker with you.

1. The iClicker may be used 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 iClicker.

2. If the iClicker is used to take attendance, you will be expected to arrive to class on time and to stay for the duration of the assigned activity.

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