Spring (Semester 3) Orientation

William M. Falls, Ph.D.
Associate Dean/Student Services

“We Connect with Students”
Semester 3 (Spring) Curriculum

Elizabeth Petsche, J.D.
Director of Preclerkship Curriculum
# Semester 3 Curriculum

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Credits</th>
<th>Title</th>
<th>Course Coordinator</th>
</tr>
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<tbody>
<tr>
<td>OMM 512</td>
<td>1</td>
<td>OMM</td>
<td>Francisco</td>
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<tr>
<td>OST 552</td>
<td>2</td>
<td>OPC II</td>
<td>Scott</td>
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<tr>
<td>OST 556</td>
<td>1</td>
<td>Pediatrics I</td>
<td>Rosenberg</td>
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<tr>
<td>OST 571</td>
<td>10</td>
<td>Neuromusculoskeletal</td>
<td>Ward</td>
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<tr>
<td>OST 572</td>
<td>3</td>
<td>Genitourinary</td>
<td>L. Kaufman</td>
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<tr>
<td>OST 573</td>
<td>3</td>
<td>Endocrine</td>
<td>Lookingland</td>
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</table>
OST 571

What you need to know...
Contact Information

- Course Director
  - Jayne Ward, DO – jayne.ward@ht.msu.edu
- First three weeks of content
  - Graham Atkin, PhD – atking@msu.edu
- Ophthalmology
  - David Kaufman, DO – david.kaufman@ht.msu.edu
- Laboratory
  - Carrie Nazaroff – carrie.nazaroff@hc.msu.edu
- Lead Course Assistant
  - Cheryl Luick – cheryl.luick@hc.msu.edu
Course Content

• Basic Neuroscience
• Neurology
• Ophthalmology/Neuro-ophthalmology
• Orthopedics
• Physical Medicine and Rehabilitation
• Rheumatology
What to do...

• Content questions
  • Direct the question to the faculty that presented the information with a copy to Cheryl Luick and Drs. Ward and Atkin
  • Include Dr. Kaufman for the ophthalmology section

• Administration questions
  • Contact Cheryl
What to do...

• Content questions
  • It is best if you attempt to find the answer yourself
  • THEN...draft an email to the faculty proposing the answer to your question
  • It is expected that you will be using multiple sources to obtain information this semester...the course pack is not a comprehensive document
  • Students are responsible for the accuracy of their additional resources
What to expect

• There is a lot of information in this course and it moves quickly
• Stay on top of the information
• Do **NOT** wait until the day before an exam to pose questions to faculty, they will likely not be answered at that time
• Clinical faculty vs. basic science faculty
• Read assignments in Blumenfeld
  • These are fair game for test questions!
Case Based Learning

• Occurs every Friday except week 8
• Patient presentations will occur each week...barring weather issues
• You will work in your PODS
• Faculty will be present to assist you in working through the material
• These cases assist you in applying the information presented in lectures during the week
• MANDATORY
Professionalism
Patient Presentations

• These individuals have taken time from their schedules to come and share their stories

• It is expected you will be attentive and on time

• Professional dress is expected

• It is NOT a time for studying for the quiz or surfing the internet
  • No use of electronics is permitted during this time
  • Students identified to be violating this will be asked to leave the presentation and receive a 0 on the quiz
Quizzes

• Occur each Friday at the end of case based learning
• The lowest score of the 7 will be dropped
• Cover content through Wednesday of the week of the quiz
  • Please do not email about what is on the quiz
• If you fail to click in for the first i-Clicker question at 9am you will receive a 0 on the quiz that day
• There are NO make up quizzes
Passing

• Yes, it is 75%
  • Cumulative between lab, lecture and quizzes

• Remediation
  • If you score less than 60% cumulative you will be required to repeat the course
If it gets confusing, get help!
EXPECTATION

REALITY

SPARTANS WILL?
How to make the most of lab

• Pre-Lab
  • Review objectives using Lab Guides on D2L
  • Review lecture material

• During Lab
  • Work through in-lab case materials
  • Use all available resources to learn objectives
    • Lab specimens
    • Cases
    • Bluecoats
    • Faculty
  • Take the post-lab quizzes

Questions? Email Dr. Nazaroff
Office of Student Services

Offices of the:

• Associate Dean
• College Registrar
• Academic/Career Guidance
• Personal Counseling/Health Promotion
• Scheduling and Student Activities
“We Connect with Students”

The Office of Student Services listened to your feedback!

• We will endeavor to do our part to help you connect the dots between curriculum, administrative deadlines, and mandatory and extracurricular events/activities.

• We will also help you plan ahead and so that you can take part in some of events/activities that are available to you.
Overall Glance at Semester 3

Semester 3
January 8 - May 4, 2018

<table>
<thead>
<tr>
<th>Jan 8-12 Wk 1</th>
<th>Jan 15-19 Wk 2</th>
<th>Jan 22-26 Wk 3</th>
<th>Jan 29 Wk 4</th>
<th>Feb 5-9 Wk 5</th>
<th>Feb 12-16 Wk 6</th>
<th>Feb 19-23 Wk 7</th>
<th>Feb 26 Mar 2 Wk 8</th>
<th>Mar 5-9 Wk 9</th>
<th>Mar 12-16 Wk 10</th>
<th>Mar 19-23 Wk 11</th>
<th>Mar 26-30 Wk 12</th>
<th>Apr 2-6 Wk 13</th>
<th>Apr 9-13 Wk 14</th>
<th>Apr 16-20 Wk 15</th>
<th>Apr 23-27 Wk 16</th>
<th>Apr 30 May 4 Wk 17</th>
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OST 552 - OPC 2
January 8 – May 2, 2018

OMM 512 - OMM 2
January 9 – May 1, 2018

OST 571 - Neuromusculoskeletal
January 8 – March 2, 2018

OST 556 - Peds 1
January 16 – April 23, 2018

OST 572 - Genitourinary
March 12 – April 30, 2018

OST 573 - Endocrinology
March 12 – April 23, 2018
## Overall Glance at Semester 3

### Semester 3
**January 8 - May 4, 2018**

### Workshops
- **Holiday & Break Events**
- **Meetings**
- **Mandatory Events**
- **Events**
- **Workshops**

### Jan 8-12
- **Wk 1**
  - **Kaplan Orientation**
    - **1/26 8-9am**
  - **Admin Hour**
    - **1/30 12pm**

### Jan 15-19
- **Wk 2**
  - **SGA Executive Board Apps due**
    - **1/19 4pm**
  - **MLK Day**
    - **1/15**

### Jan 22-26
- **Wk 3**
  - **COM Cultural Event**
    - **1/17 6pm**
  - **SGA E-Board Elections**
    - **1/25 12pm**

### Jan 29-2021
- **Wk 4**
  - **Org E-Board Elections Begin**
  - **Medical Student Mental Health 2/21**

### Feb 2-26
- **Wk 5**
  - **OMM 21/9**
    - **3/9-5/1**
  - **OST 556 - Peds 1**
    - **1/16-4/23, 2018**

### Feb 29-2021
- **Wk 6**
  - **Spring Break**
    - **3/5-3/9**
  - **Mandatory Events**
  - **Meetings**
  - **Events**
  - **Workshops**

### Mar 5-9
- **Wk 7**
  - **OST 552 - Orthopedics**
  - **OST 572 - Genitourinary**
    - **March 12 – April 30, 2018**
  - **OST 573 - Endocrinology**
    - **March 12 – April 23, 2018**

### Mar 26-30
- **Wk 12**
  - **RCR 3/12 12pm**
  - **Admin Hour 3/19 12pm**

### Apr 2-6
- **Wk 13**
  - **SGA E-Board Elections Begin**
  - **E-Board Elections**
    - **1/25 12pm**
  - **Admin Hour**
    - **3/19 12pm**

### Apr 9-13
- **Wk 14**
  - **SGA Executive Board Apps due**
    - **1/19 4pm**

### Apr 16-20
- **Wk 15**
  - **SGA Executive Board Apps due**
    - **1/19 4pm**

### Apr 23-27
- **Wk 16**
  - **SGA Executive Board Apps due**
    - **1/19 4pm**

### Apr 30-May 4
- **Wk 17**
  - **SGA Executive Board Apps due**
    - **1/19 4pm**

### May 8-12
- **Wk 18**
  - **SGA Executive Board Apps due**
    - **1/19 4pm**
Items to be Working on Behind the Scenes....

• What we will do:
  • MSPE (Dean’s Letter) – Associate Dean

• What you will do to assist us:
  • Curriculum Vitae (CV) - Template location and guide:
    “Students webpage” - “Academic and Career Guidance”
    – “CV or Personal Statement Guide”
  • KNOW your Professional Responsibilities & ACT accordingly! 😊
Information from the Office of Academic/Career Guidance

Kim Peck, MBA
Director, Office of Academic and Career Guidance
Topics

• Career Planning meetings
• Board exams
• Kaplan board prep resources
• How to study for systems-biology courses
Career planning meeting

• Who?
  • Required of all students

• What?
  • Advising meeting to discuss specialty selection and building a competitive portfolio

• When?
  • During preclerkship semester 3-5

• Why?
  • Career planning is complicated!
Board exams in a nutshell

• DOs must take COMLEX
  • Comprehensive Osteopathic Medical Licensing Examination
  • 3 Levels

• MDs must take USMLE
  • United States Medical Licensing Examination
  • 3 Steps
  • Optional for DO students; more necessary for some
Board exams in a nutshell

• 1 purpose
  • **Protect the public** from incompetence!
    • It is a *minimal* competency exam

• 2 purpose
  • Graduation & Licensure
    ➢ Passing COMLEX Level 1, Level 2CE & Level 2PE required for graduation
    ➢ COMLEX Level 3 taken after graduation
    ➢ **Passing all 3 required to be licensed**
  • Screening residency candidates
    • Major role in determining competitiveness
COMLEX Level 1: the basic basics...

• Taken at the end of 2nd year (June/July)

• Focus: *Scientific Understanding of Health and Disease Mechanisms*

• Covers biomedical science content learned in Preclerkship
  ➢ This is why course performance is best predictor of board performance
Kaplan board prep resources

- **When will you have access?**
  - You received information from Kaplan on December 22, 2017

- **How will you learn more about it?**
  - Kaplan Orientation: January 26, 2018, 8-9am, Conrad Hall with Polycom to MUC UC3-208 & DMC room G029
SCILS Workshops

Dr. Jane Gudakunst
SCILS Workshops

Supporting Competency in Integrative Learning Skills
Process and Connect Information

Apply facts and content from your current and past courses to figure out what is going on with the patient. Think about what you are learning in a way that allows you to **process and connect the information**.

The focus of the workshops is the **recognition and application** of your knowledge.
Combining parts to make a new whole

Judging the value of information or ideas

Breaking down information into component parts

Applying the facts, rules, concepts, and ideas

Understanding what the facts mean

Recognizing and recalling facts

Create

Evaluate

Analyze

Apply

Understand

Remember
A sample of some of the Learning Objectives

1. Identify similarities and differences to deepen your conceptual understanding
2. Recognize information that is consistent with known basic science mechanisms and clinical patterns
3. Use grouping techniques in order to identify common themes and patterns in your current courses
4. Review various levels of board style questions that can be asked with any given clinical information
5. Analyze and predict clinical progression in a scenario
Sign up & more information for SCILS Workshops

MSUCOM Office of Academic Success and Career Planning

Our mission is to guide MSUCOM students toward realization of their full potential as Osteopathic Physicians by helping them to successfully:

- establish their personal and professional goals and values;
- build a strong academic foundation;
- prepare for board examinations;
- choose a "good fit" medical specialty, and
- obtain a top choice residency position.

Resources, programs, and advisors are available at all three sites.

Find Information on:

- Advisor Contacts
- Academic Success
- Career Planning
- COMLEX / USMLE Preparation
- ERAS®
- Canadian Student Career Guidance
- Events and Presentations

Events and Presentations

- Academic Guidance Video Series
- Board Preparation Video Series
- Career Guidance Video Series
- Orientation
- SCILS Workshops

Sign-ups and reminders will also be sent out in the bi-weekly Student Services Newsletter
Information from the Associate Dean/Student Services

William Falls, Ph.D.
Associate Dean/Student Services
Curriculum Vitae (CV)

• Required for all students
• CV will be submitted to the Office of Student Services at the end of Preclerkship Program and updates will be accepted during Clerkship Program
• Content will be used for MSPE and ERAS application, as well as, professional life
• Template location and guide: “Students webpage” - “Academic Success and Career Guidance” – “CV or Personal Statement Guides”

START NOW!
My Thoughts for a Successful Journey through the Systems Biology Courses
My Thoughts

• Read and Understand Course Syllabus.
• Attend All Required Class Activities and Demonstrate your Professionalism in your Behavior at All Times.
• Develop Professional Relationships with the Faculty:
  • Ask questions – be proactive – if you do not understand something now is the time to ask - seek guidance and understanding from professionals who know the answers and who can help you.
  • The clinical faculty will be your peers in a few short years. Some will be your clinical trainers during the Clerkship Program and Residency.
  • Use the clinical faculty as professional role models/mentors.
  • The faculty want to see you succeed and they want to interact with you inside and outside the classroom to make you the best osteopathic physician possible.
My Thoughts

• “Lots of **different** faculty”
  • Lecture style (differ greatly)
  • Handouts (format differences)
  • Scheduling of lecturers (may change)
  • Differences of opinion (who’s right?)
My Thoughts

• The Systems Biology Courses prepare you for clinical training, professional life and licensure examinations:
  • Understand the scientific mechanisms that underlie the diseases and conditions you are learning about – what changed with the anatomy, physiology, pharmacology etc. and how are these changes interrelated. **Try not to get overwhelmed with details.**
  • Attempt to understand how these diseases/conditions affect other body systems – think globally and begin to use clinical reasoning.
  • Review/learn appropriate clinical/DPR skills and diagnostic techniques and understand why you are using these skills/techniques with the particular disease or condition and why they are effective.
  • Be an active learner – problem-solve with your peers – team-building.
  • Understand that clinical faculty from different specialties may approach the same disease/condition differently. **Everything is not black and white.**
My Thoughts

• Use the opportunities available in the Systems Biology courses to practice your communication/case presentation skills – this will be important in the Clerkship Program – practice with your peers and faculty. You cannot do this alone – be a team player.

• With each disease or condition consider osteopathic principles and practice and if OMM should be considered.
Information from the College Registrar’s Office

Elaine Williams
Student Support Advocate
AOA Numbers

• Email sent from AOA
• AOA numbers also available via the Student Portal

Base Hospital Special Consideration

• Occurs this semester
• Detailed information about process will be shared shortly
Annual Immunizations - Reminder

• Tuberculin Test (TB)
• Influenza Vaccination
  • Due annually, prior to November 1\textsuperscript{st}
• Check monthly UPhys email
• Responsible Conduct of Research (RCR) Training
Compliance Checklist

As an MSUCOM student, it is your professional responsibility to remain compliant in each of the following areas at all times. If you have questions regarding immunization requirements, please contact the University Physician’s (UPhys) Office at UPhys@hc.msu.edu or 517.353.8933. For questions regarding training requirements or compliance status, please contact your Student Support Advocate with the MSUCOM Office of the Registrar at OsteoMedReg@hc.msu.edu or 517.353.7741.

Prior to Matriculation

Immunizations

☐ Measles (Rubeola)
☐ Mumps
☐ Rubella
☐ Varicella (chickenpox)
☐ Hepatitis B
☐ Tetanus, Diphtheria, and Pertussis (Tdap)
Responsible Conduct of Research (RCR) Training Checklist

Responsible Conduct of Research (RCR) training is a graduation requirement for all students in the Michigan State University College of Osteopathic Medicine (MSUCOM). RCR topics covered address the responsibilities of MSUCOM students in both basic biomedical and clinical research during the four year curriculum. Face-to-face instruction developed by MSUCOM basic research, clinical research, administrative support faculty/staff will be used. This will be complemented by MSU IRB (Institutional Review Board) training and CITI (Collaborative Institutional Training Initiative) online modules. Completion of the required training and online modules is tracked for each student by the MSUCOM Office of the Registrar. Directions for access and registration for the IRB and CITI online modules is presented below. Please note: a score of at least 80% on each module quiz is required to receive credit for completion.

Year 1

Complete all of the following:

Face-to-face

3 hours discussion—based training

☐ Introduction to RCR and Briefing Seminar (1 hour)

☐ IRB session on Human Research Topics (1 hour)
Year 1

Complete all of the following:

Face-to-face

3 hours discussion—based training

☐ Introduction to RCR and Briefing Seminar (1 hour)

☐ IRB session on Human Research Topics (1 hour)

☐ Universal Precautions session (1 hour)

Online via the CITI Training System

☐ Introduction to RCR (RCR-Basic)- New (ID: 17009)

☐ Authorship (RCR-Basic) (ID: 16597)

☐ Research Misconduct (RCR-Basic) (ID: 16604)

☐ Plagiarism (RCR-Basic) (ID: 15156)
Year 2

Complete all of the following:

Face-to-face

3 hours discussion—based training

☐ RCR and Scholarship Workshop (1.5 hours)

☐ The Research Clinic Research Integrity Video (1.5 hours)

Online via the CITI Training System

☐ Collaborative Research (RCR-Basic) (ID: 16598)

☐ Conflicts of Interest in Research Involving Human Subjects (ID: 488)

☐ Data Management (RCR-Basic) (ID: 16600)

☐ Financial Responsibility (RCR-Basic) (ID: 16601)

☐ Mentoring (RCR-Basic) (ID: 16602)

☐ Peer Review (RCR-Basic) (ID: 16603)

Online via the Saba Training System

☐ “IACUC Tutorial (00001255, v. 2)”

☐ MSU IRB Introductory Module: “Overview of Human Research Protection Requirements (00001722, v. 1)”
Years 3 & 4

Complete 12 of the following modules online via the CITI Training System:

- Assessing Risk – SBE (ID: 504)
- Avoiding Group Harms: U.S. Research Perspectives (ID: 14080)
- Basic Institutional Review Board (IRB) Regulations and Review Process (ID: 2)
- Defining Research with Human Subjects – SBE (ID: 491)
- FDA-Regulated Research (ID: 12)
- Genetic Research in Human Populations (ID: 6)
- History and Ethics of Human Subjects Research (ID: 498)
- History and Ethical Principles – SBE (ID: 490)
- Hot Topics (ID: 487)
- Informed Consent (ID: 3)
- Recognizing and Reporting Unanticipated Problems Involving Risks to Subjects or Others in Biomedical Research (ID: 14777)
- Records-Based Research (ID: 5)
- Research and HIPAA Privacy Protections (ID: 14)
- Research in Public Elementary and Secondary Schools – SBE (ID: 508)
- Research Involving Human Subjects (RCR-Basic) (ID: 13566)
- Research with Prisoners – SBE (ID: 506)
- Social and Behavioral Research (SBR) for Biomedical Researchers (ID: 4)
- The Federal Regulations – SBE (ID: 502)
- The IRB Member Module - ‘What Every New IRB Member Needs to Know’ (ID: 816)
CITI Training System Log-In Instructions

- Visit [https://www.citiprogram.org/](https://www.citiprogram.org/)
- Click the “Log In” button
- Click the “Log in through my institution” tab
- Scroll down and select “Michigan State University (MSU)”
- Log in using your MSU NetID and password
- Choose the option that best fits your personal scenario
  - “I already have a CITI program account.” Select this option if you’ve already completed some CITI modules for MSU, even during undergrad.
  - “I don’t have a CITI Program account and I need to create one.” Select this option if you’ve never created a CITI account or completed any CITI modules.
    - If you receive a notification box indicating, “We are unable to automatically match your SSO account with a CITI program account...” please click the Continue button.
- Click Main Menu at the top left of the page
- Click the triangle next to “Michigan State University (MSU) Courses
- Under My Learner Tools for Michigan State University (MSU), click “Add a Course”
- Scroll down and click on the link “Continue to Question #1 at this time”
  - Question 1, select “Not at this time”
  - Question 2, select the last option “Not at this time, thank you”
  - Question 3, select “RCR for COM students”
Information from the Office of Personal Counseling/Health Promotion

John Taylor, Psy.D.
Director, Office of Personal Counseling/Health Promotion
Personal Counseling and Health Promotion (PC/HP)

Our office is devoted to addressing the personal and professional issues of MSUCOM medical students. If it's important to you, it's important to us!

The premise upon which our office is built:

- Confidentiality is paramount
- Each individual will be treated with dignity
- Everyone needs and deserves to be heard; no issue is too small or too large.

1. Information about PC/HP
2. Meet our PC/HP Team
3. Take an Online Mental Health Screening
4. Schedule an Appointment
5. Online Self-Help Resources
6. University Resources

In case of a Life-Threatening Emergency, please call 911 or go to the nearest emergency room.

For after-hours assistance, please email Dr. Taylor or Dr. Falls.

The Lifeline is FREE, confidential, and always available. HELP a loved one, a friend, or yourself.

Learn the Warning Signs.

Our CARE Team

COM Programs and Resources
- Medical Student Mental Health Committee (MSMHC)
- Mental Health Guide

SUICIDE PREVENTION LIFELINE (1-800-273-TALK)

MSUCOM Mindfulness Facebook Page
PEAK
- Peer Mentors Group
- Personal Counseling/Health Promotion Brochure
- PC/HP Information Card

"To get through the hardest journey we need take only one step at a time, but we must keep on stepping."

Office of Associate Dean
Information from the Office of Scheduling and Student Activities

Beth Courey
Director, Office of Scheduling and Student Activities
Scheduling and Student Activities

• Your non-academic meetings, events, activities.
• RED = Mandatory. GREEN = Optional
• Google Events Calendar how to: www.com.msu.edu
  click Students, click Scheduling and Student Activities, click Google Calendar Instructions
Scheduling and Student Activities

• Student Government Association (SGA) Meeting – Thursday, 1/18, noon, must RSVP for lunch, Broadcast. TOPICS – Information on SGA Executive Board application-election process. Activities of all 30 organizations Must RSVP for food.

• DO/MBA Program – Friday 1/19, noon, Broadcast.
Scheduling and Student Activities

- SGA Executive Board applications due – Friday, 1/19, 4pm.
- MANDATORY Research Presentation – Tuesday, 1/23, noon, Broadcast.
- SGA E-Board Elections – Thursday, 1/25, noon, Broadcast.
- Administration/Student Communication Hour – Tuesday, 1/30, noon, Broadcast
- Organization E-Board Elections – begin in February, must be completed by early March.
Thank You for Your Attention

Questions for the Group?