Start Here

Student Introduction to Class

Enabled: Statistics Tracking

Each student is expected to introduce himself/herself the class by answering the 3 questions in the Discussion Forum. Please click on the Discussion Forum on the sidebar to complete the self introduction by January 11, 2016. Thank you.

Dr. Akhvledze

Navigating this BlackBoard Course Site

Do this first: Make sure to update your email address via personal profile on BlackBoard in order to receive direct email from course instructor.

Thirty percent (6 sessions out of 20 sessions) of this course is now online and will be flipped for classroom active learning activities. Flipped classroom basically means that you will do course work prior to lecture session, and the class time would be dedicated primarily to application based activities instead of lecture.

The remaining 70% of the course would be solely non-flipped session (traditional lecture) with associated lecture handouts. Please note the sidebar to access the following information on the course site:

Information: includes course syllabus, technology support/resources information

Announcements: check this page often for general class announcements

Content: includes important course information (objectives, policies, etc.)

Online Activities/Flipped Class: includes all INSTRUCTIONAL MATERIALS for pre-work assignment for the 6 online sessions (30%) in the course. You will need to CLICK on the folder for direct access/details information for the specific task.

Non Flipped Session: includes the Lecture Handouts associated with the remaining 14 classroom lectures in the course. You will need to CLICK on the folder to access the specific lecture handouts. The course schedule which includes all classroom lectures is also included here.

PRIOR TO January 11, 2016, make sure to click on Online Activities/Flipped Class sidebar section to complete the first assignment (Diabetes Lecture, Part A).
Course Coordinator

Name: Olumayomti Alkoyode, Pharm.D., BCPS, CDE
Practice Site: Howard University Hospital, Diabetes Treatment Center
Office Location: Annex #5, Room 122
Phone Number: (202) 806-4207
Email Address: oalkoyode@howard.edu
Office Hours: Fridays, 11am-12noon or by appointment

I am really excited to teach and coordinate IT3A in Spring 2016. I'm looking forward to a time of much learning by each of the student enrolled in the course. My aim is for each student to have a full grasp of the materials covered in the course. See you shortly...

Course Introduction

Course Name: Integrated Therapeutics IIIA
Module Coverage: Endocrine/Renal/Gastrointestinal/Nutrition
Course #: 14208-349A
Year: 3rd Professional
Format: 3 credits
Structure: 30% online/flipped, 70% lecture-style
Faculty: Faculty and Guest Lecturers
Classroom Location: Numa Adams Building, Room 3210
Class Schedule: Mondays-Fridays: 2:00pm to 4:15pm (*Fridays are reserved for make-up lectures, self-study, quiz/exams, reviews)

Course Description and Syllabus

Attached Files:
- Akoyode IT3A Course Syllabus 2016_7x_2016-5.pdf (282.363 KB)
- Akoyode IT3A Course Schedule Only_Spring 2016-7x.pdf (131.021 KB)
Instructor Feedback on Assignments

The instructor will provide feedback to students within a reasonable time period over 3-7 days. Grades for respective assignments will be posted on BlackBoard within 7 business days after an assessment.

Instructional Methodology

Thirty percent (6 class sessions) of this module material are taught online and flipped teaching sessions. As such, it is important that each student completes all pre-class online assignment prior to the respective flipped class session. It is imperative for students to attend the "flipped" class session where the pre-class material will be further developed and expanded using case studies along with mini-lectures in order to ensure student learning via integration of previous and current knowledge. The online activities include: quiz, Tegrity videos, YouTube videos, DM Educate, TED talk videos, and online discussion forums. There are 2 online discussion forums in this module based on the TED talk videos. Students should write (at least 150 words to provide context prior to the talk). Also, student must respond to at least 1 other student's post on discussion board (50 words—why he/she agrees or disagrees with student comments). The online discussion forum would be evaluated based on: meeting of posting deadline, word length, content, and associated rubric. Click on sidebar "Online Activities/Flipped Sessions" for more information.

60 percent (remaining 14 class sessions) of this module will be solely via Face-to-Face teaching in the classroom. The associated lecture handouts for the lecture sessions will be posted under the "Non-Flipped Sessions" sidebar. See the course schedule for the lecture topics. There are NO required pre-class assignments for these sessions.

Course Textbooks (E-books)

**Required Textbook**

Pharmacotherapy: A Pathophysiologic Approach, 9th Edition
Edition: DiPiro, Talbert, Yee, Matzke, Wells, and Posey

Available on: Access Pharmacy online** via www.pharmacy.howard.edu

**Supplemental Textbook**

Applied Therapeutics: The Clinical Use of Drugs, 16th Edition
Edition: Koda-Kimble, Young, Kozarik, Ongleyan, Altobiley, Corelli
Publisher: Lippincott, Williams & Wilkins


Required Technologies & Websites

Blackboard: http://blackboard.howard.edu
Blackboard Accessibility Statement
Technology Support

You need to update your email account in Blackboard. To do so, visit your Blackboard homepage, click on the TOOLS to update your e-mail address under PERSONAL INFORMATION. Note: In case you are using a non-HU email account, check your SPAM email folder for messages.

Visit Blackboard FAQs for Students http://www.celia.howard.edu/teaching_resources/blackboard/BBSStudentsFAQ.html

WARNING: You will encounter problems with Blackboard unless you disable your pop-up blockers for this site and use Firefox as your web browser.

For Tegrity: HELP FOR STUDENTS: https://help.tegrity.com/helpforstudents.html for student viewing

For General Technical Support: Contact HU Computer Help Desk at (202) 806-2020 or http://www.howard.edu/technology/services/service_desk.html. Services provided include operating system support, wireless connectivity, software support and installation, etc.

Netiquette

You are expected to be professional in all your online interactions, including the DISCUSSION BOARD. You should provide meaningful and tactful responses via your discussion board postings and replies to your classmates. Avoid use of profanity, rudeness and any unprofessional behavior during all online interactions with instructor and students. Your violation of professional netiquette will be addressed similarly as other unprofessional behavior according to the Howard University College of Pharmacy Academic Code of Conduct. Click NETIQUETTE for more information.

Flipped Session Dates

30% of this course is now online. As such, you much complete the Pre-class assignment for these "flipped classroom sessions". Please note the dates of the flipped class sessions below:

- January 11, 2016 (Diabetes, Part A)
- January 12, 2016 (Diabetes, Part B)
- January 13, 2016 (Diabetes, Part C)
- January 27, 2016 (Portal Hypertension and Cirrhosis, Drug Induced Liver)
- February 2, 2016 (Inflammatory Bowel Disease)
- February 4, 2016 (Irritable Bowel Syndrome, Pancreatitis)
Course Objectives

DOMAIN 1: Foundation Knowledge

Outcome 1.1. Learner (Leader) - Develop, integrate, and apply knowledge from the foundational sciences (e.g., pharmaceutical, social, behavioral, administrative, and clinical sciences) to evaluate the scientific literature, explain drug action, solve therapeutic problems, and advance population health and patient centered care.

Learning Objectives:

1.1.4. Integrate knowledge of pharmacological, social/behavioral/administrative, and clinical sciences to solve therapeutic problems.
1.1.6. Perform error-free mathematical calculations with regard to drug dosing, pharmacokinetics, and compounding dosage forms.

DOMAIN 2: Essentials for Practice & Care

Outcome 2.1. Patient-centered care (Caregiver) - Provide patient-centered care as the medication expert (collect and interpret evidence, prioritize, formulate assessments and recommendations, implement, monitor and adjust plans, and document activities).

Learning Objectives:

2.1.1. Gather and organize patient information in order to identify ongoing or potential drug-related problems and the root cause of the problems.
2.1.2. Interpret and evaluate pharmacological data and related information needed to prevent or resolve medication-related problems.
2.1.7. Select the proper drug, dose, and dosage forms for a specific patient.

Outcome 2.4. Population-based care (Provider) - Describe how population-based care influences patient-centered care and influence the development of...
Course Outline

The following lecture topics are included in IT3 A:

- Diabetes Mellitus
- Thyroid Diseases
- Adrenal Diseases
- Pituitary Gland Disorders
- Acute and Chronic Renal Failure
- Dialysis and Drug Loss Issues
- Portal Hypertension & Cirrhosis
- Drug-Induced Liver Disease
- Viral Hepatitis
- Peptic Ulcer Disease/Dyspepsia/Zollinger-Ellison Syndrome
- Gastroesophageal Reflux Disease/Heartburn/Intestinal Gas
- Stress-Related Gastrointestinal Bleeding
- Inflammatory Bowel Diseases (Ulcerative Colitis/Crohn’s Disease)
- Nausea and Vomiting Constipation and Diarrhea
- Intestinal Bowel Syndrome/ Pancreatitis
- Disorders of the GI System: Cholecystitis, Appendicitis, Diverticulosis, Hemorrhoids, Celiac Disease, etc
- Infectious Gastroenteritis
- Nutrition (Parenteral/Enteral)

*indicate flipped sessions with online activity

Course Policies

Class Participation: Students are expected to participate in all activities and are held responsible, even when absent.

Class Attendance

1. All students are expected to attend all scheduled classes. In addition, each student will be expected to comply with the Howard University College of Pharmacy Student Handbook.
2. Students who do not attend classes are held responsible for the all course work.
3. No food or drinks are allowed in class during the lectures/conferences.

Course Grading Policies

Quiz #1 50 points (from assigned reading and lecture)
Online Activities/Flipped Sessions

Flipped Session Dates

30% of this course (6 flipped sessions) is now online. As such, you must complete the pre-class assignment for these "flipped classroom sessions". Please note the dates of the flipped class sessions below:

January 11, 2016 (Diabetes, Part A) - Flipped Session 1
January 12, 2016 (Diabetes, Part B) - Flipped Session 2
January 13, 2016 (Diabetes, Part C) - Flipped Session 3
January 27, 2016 (Portal Hypertension and Cirrhosis, Drug Induced Liver/Drug Therapy Individualization) - Flipped Session 4
February 2, 2016 (Inflammatory Bowel Disease) - Flipped Session 5
February 4, 2016 (Irritable Bowel Syndrome, Pancreatitis) - Flipped Session 6

January 11, 2016 (Diabetes, Part A) - Flipped Session 1

**What will students be able to do at the end of the lesson?**

1. Read the E-Book, Pharmacotherapy by DiPiro via Access Pharmacy on Diabetes Introduction & Epidemiology, Chapter 57
2. Distinguish between the different types of diabetes
3. Recognize the clinical presentation of diabetes

**Activities to be completed Pre-Class Session:**

1. E-book reading assignment, Chapter 57 via Access Pharmacy on Diabetes Introduction & Epidemiology
2. Watch Tegrity lecture video by instructor on types of diabetes and clinical presentation
January 11, 2016 (Diabetes, Part A)-Flipped Session 1

- **Pharmacotherapy by Dipiro Chapter 57**
  Purpose: Read the sections on Diabetes Introduction and Epidemiology to gain foundational knowledge

- **Tegrity Lecture on types of DM and Clinical Presentation**
  Enabled: Statistics Tracking
  Purpose: Listen to this Tegrity lecture on types of DM and Clinical Presentation

- **YouTube Video on Diabetes**
  Purpose: Watch the video to gain visual insight on the clinical presentation of diabetes

- **Pre-session Online-Quiz #1**
  After completing all the pre-class assignments, you may complete this online quiz.
Non-Flipped Sessions

Course Schedule

Attached Files:  Akiyode IT3A Course Schedule Only_Spring 2016-7x.pdf (131.021 KB)

Includes all scheduled course sessions. The 14 lecture topics for the non-flipped sessions are included here.

Lecture Handouts
## Discussion Board

Forums are made up of individual discussion threads that can be organized around a particular subject. Create Forums to organize discussions. More Help.

<table>
<thead>
<tr>
<th>Description</th>
<th>Total Posts</th>
<th>Unread Posts</th>
<th>Total Participants</th>
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</thead>
<tbody>
<tr>
<td>Students Introduction to Class</td>
<td>0</td>
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</tr>
<tr>
<td>1) your name</td>
<td></td>
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<td>2) what you aim to gain from this course</td>
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<td>3) your primary/ preferred learning style</td>
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<tr>
<td>(You may respond via text, audio, or visual modality)</td>
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<tr>
<td>Ted talk video by Sarah Hallberg</td>
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<td>In your own opinion provide the pros/cons to the talk by Sarah Hallberg</td>
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<td>(Note—be professional and use proper netiquette)</td>
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<tr>
<td>Also, respond to the post of one other student in your class on why you</td>
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<tr>
<td>agree or disagree with his/her comments (use at least 50 words)</td>
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<td>Ted talk video by Neal Barnard Discussion Forum</td>
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<tr>
<td>In your own opinion, provide the pros/cons to the talk by Neal Barnard</td>
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