

10-2020

Innovative solutions using online interactive, adaptive technologies to promote well-being and resilience in healthcare educators and students amidst the chaos caused by COVID-19

Zilola Khashimova

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Innovative solutions using online interactive, adaptive technologies to promote well-being and resilience in healthcare educators and students amidst the chaos caused by COVID-19

Zilola Khashimova, MD, MBA, SP

**DOMINICAN
UNIVERSITY**
of CALIFORNIA

Transferring Course to Online Format?

What are Online Tools?

How To Build Online Course From Scratch?

How Does It Work?

Q&A

What are Online Tools?

- **E-Books**
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- **Interactive Labs**
- **Case Studies**
- **Interactive Dissection Tools**
- **Q-Banks**
- **PowerPoints**
- **Videos, imaging**
- **Interactive Games**

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Anatomage

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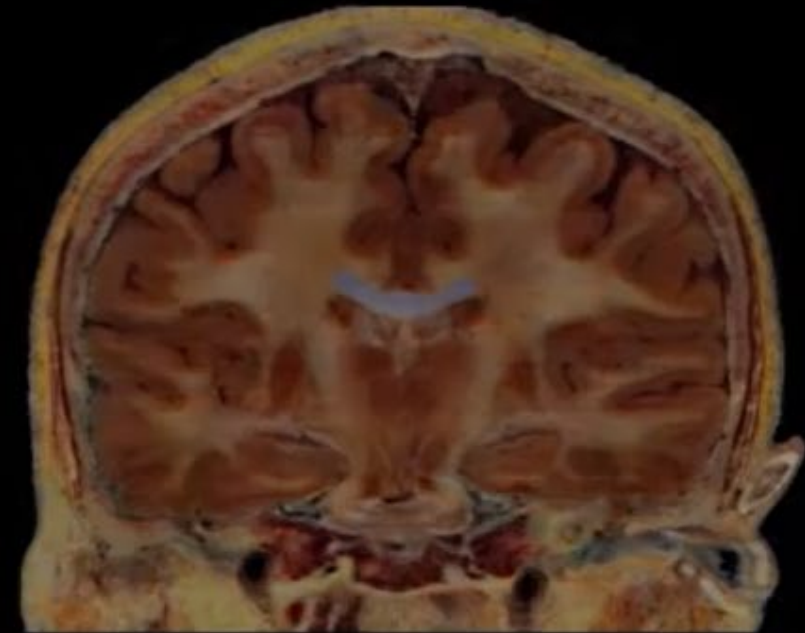
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ANATOMY AND
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Spring -Summer 2020



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Performance ▾

« My courses | Switch sections

section overview

Instructor view










Student view


no messages to show 

no assignments to grade

Assignments

[+ Add Assignment](#)

Title	Shared	Info	Start-due	Show/hide
 Chapter 3. The Integumentary System	<input type="checkbox"/>		01/13/20- 01/19/20	 <input type="checkbox"/>
 Dermatology Quiz	<input type="checkbox"/>		01/13/20- 01/19/20	 <input type="checkbox"/>
 Chapter 12. The Respiratory System	<input type="checkbox"/>		01/19/20- 02/02/20	 <input type="checkbox"/>

Section info 

Instructor

Zilola KhashimovaAdd your photo, email address,
office hours

Sections and colleagues



eBook

Anatomy, Physiology,
Disease: Foundations
for the Health
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(SmartBook)

Deborah Roiger, 2e



Roiger, Anatomy,



Library



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resources

Build a better course with these resources

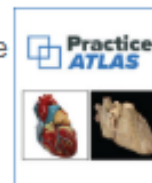
eBook



Anatomy, Physiology, Disease: Foundations for the Health Professions (SmartBook)
Deborah Roiger, 2e



Roiger, Anatomy, Physiology, & Disease, 2e (eBook)



Practice Atlas for Anatomy & Physiology



bank

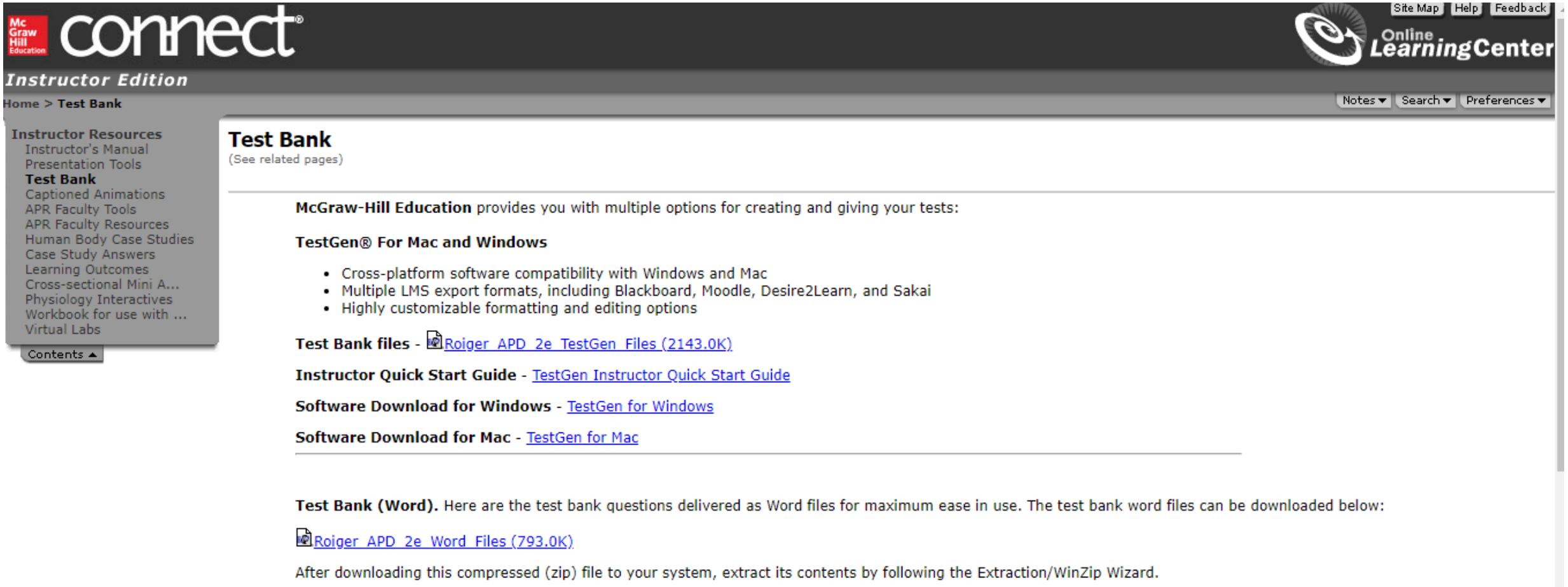
create an assignment from our question banks



lectures

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Instructor Resources



The screenshot shows the McGraw-Hill Education Connect website. The top navigation bar includes the McGraw-Hill Education logo, the word "connect" in a stylized font, and the "Online Learning Center" logo. There are links for "Site Map", "Help", and "Feedback". Below the navigation bar, the page is titled "Instructor Edition" and "Home > Test Bank". A sidebar on the left lists "Instructor Resources" including "Instructor's Manual", "Presentation Tools", "Test Bank", "Captioned Animations", "APR Faculty Tools", "APR Faculty Resources", "Human Body Case Studies", "Case Study Answers", "Learning Outcomes", "Cross-sectional Mini A...", "Physiology Interactives", and "Workbook for use with ... Virtual Labs". The main content area is titled "Test Bank" with a sub-link "(See related pages)". The text states: "McGraw-Hill Education provides you with multiple options for creating and giving your tests:". Below this, it lists "TestGen® For Mac and Windows" with three bullet points: "Cross-platform software compatibility with Windows and Mac", "Multiple LMS export formats, including Blackboard, Moodle, Desire2Learn, and Sakai", and "Highly customizable formatting and editing options". There are three links: "Test Bank files - Roiger APD 2e TestGen Files (2143.0K)", "Instructor Quick Start Guide - TestGen Instructor Quick Start Guide", and "Software Download for Windows - TestGen for Windows". Another link is "Software Download for Mac - TestGen for Mac". A horizontal line separates this section from the next. The next section is titled "Test Bank (Word)" and states: "Here are the test bank questions delivered as Word files for maximum ease in use. The test bank word files can be downloaded below:". There is a link: "Roiger APD 2e Word Files (793.0K)". A final line of text says: "After downloading this compressed (zip) file to your system, extract its contents by following the Extraction/WinZip Wizard."

McGraw-Hill Education connect[®] Online Learning Center

Site Map Help Feedback

Notes Search Preferences

Home > Test Bank

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Test Bank
(See related pages)

McGraw-Hill Education provides you with multiple options for creating and giving your tests:

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- Cross-platform software compatibility with Windows and Mac
- Multiple LMS export formats, including Blackboard, Moodle, Desire2Learn, and Sakai
- Highly customizable formatting and editing options

Test Bank files - [Roiger APD 2e TestGen Files \(2143.0K\)](#)

Instructor Quick Start Guide - [TestGen Instructor Quick Start Guide](#)

Software Download for Windows - [TestGen for Windows](#)

Software Download for Mac - [TestGen for Mac](#)

Test Bank (Word). Here are the test bank questions delivered as Word files for maximum ease in use. The test bank word files can be downloaded below:

[Roiger APD 2e Word Files \(793.0K\)](#)

After downloading this compressed (zip) file to your system, extract its contents by following the Extraction/WinZip Wizard.

Pre-made PowerPoints

Accessible Lecture PPTs

Accessibility is becoming even more important in the education marketplace. Students and instructors with disabilities use many different assistive technologies, and McGraw-Hill Education is committed to ensuring that our learning outcomes, but also serve the institutions that are teaching these students. Accessible PowerPoint allows slide content to be read by a screen reader and provides alternative text descriptions for images. It is designed with high-contrast color palettes and uses texture when possible, instead of color to denote different aspects of the imagery used within the slide.

A note on reviewing slides for accessibility: PowerPoint's Accessibility Checker can sometimes misleadingly flag items as errors that are done properly based on accessibility guidelines. See the document [McGraw-Hill PowerPoints \(43.0K\)](#).

Chapter	Flexart PPTs (includes linear, tables & photos with moveable labels and leader lines)	*Accessible Lecture PPTs (Lecture outlines tagged for screen readers.)	MP4 Animations/Videos (MP4-format, noncaptioned, zipped files for download and use without PowerPoint)	Image PPTs (Images from the text placed into PowerPoint. All art, tables and photos included.)	Labels as text
Chapter 01	Ch01 FlexArt PPT	Ch01 Accessible Lecture PPT	Ch01 Animations	Ch01 Image PPT	
Chapter 02	Ch02 FlexArt PPT	Ch02 Part 1 Accessible Lecture PPT Ch02 Part 2 Accessible Lecture PPT Ch02 Part 3 Accessible Lecture PPT	Ch02 Animations	Ch02 Image PPT	
Chapter 03	Ch03 FlexArt PPT	Ch03 Accessible Lecture PPT	No Animations for this chapter.	Ch03 Image PPT	
Chapter 04	Ch04 FlexArt PPT	Ch04 Accessible Lecture PPT Ch04 Part 2 Accessible Lecture PPT	Ch04 Animations	Ch04 Image PPT	
Chapter 05	Ch05 FlexArt PPT	Ch05 Accessible Lecture PPT	Ch05 Animations	Ch05 Image PPT	
Chapter 06		Ch06 Accessible Lecture PPT			

Case Studies



connect®

Instructor Edition

Home > **Case Study Answers**

Instructor Resources


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- Presentation Tools
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- APR Faculty Tools
- APR Faculty Resources
- Human Body Case Studies
- Case Study Answers**
- Learning Outcomes
- Cross-sectional Mini A...
- Physiology Interactives
- Workbook for use with ...
- Virtual Labs

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Case Study Answers

(See related pages)

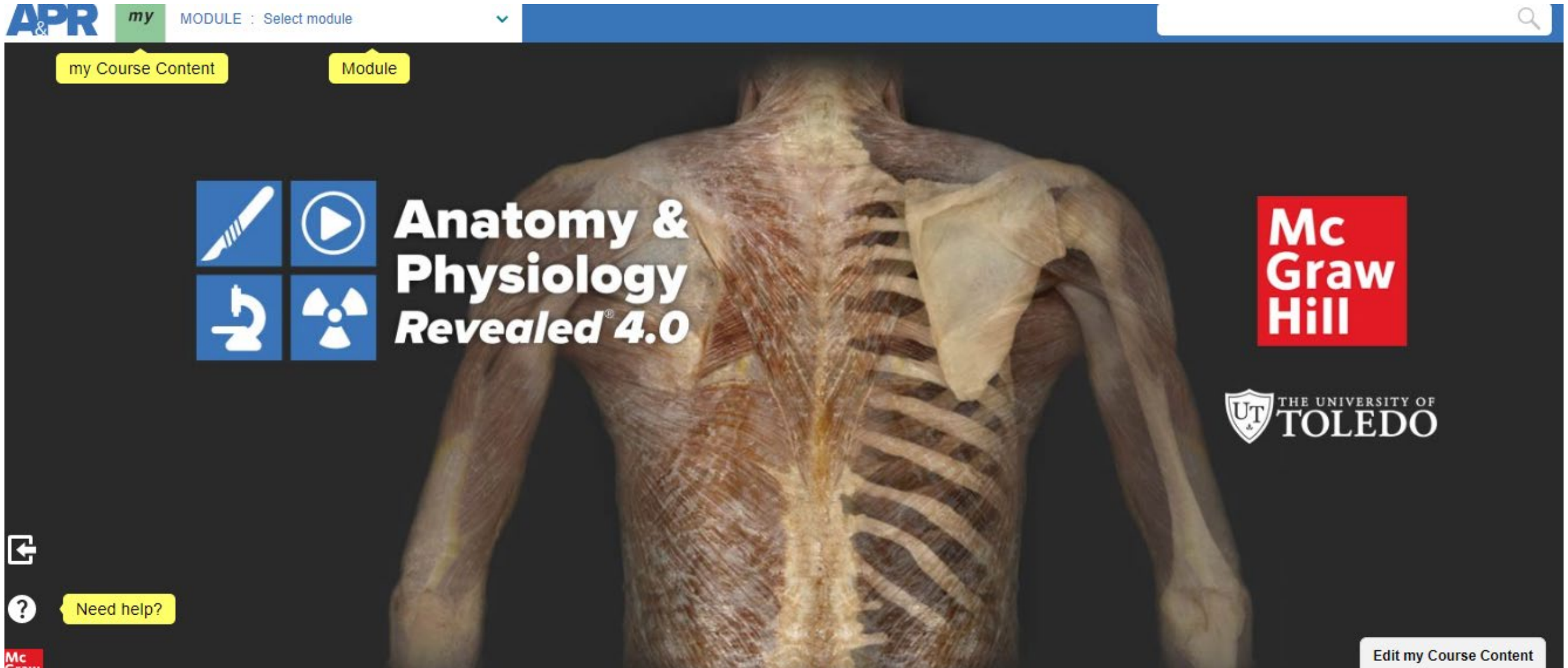
 [Answers to Female Body Case Studies \(53.0K\)](#)

 [Answers to Male Body Case Studies \(57.0K\)](#)

To learn more about the book this website supports, please visit its [Information Center](#).



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APR my MODULE : Select module

my Course Content Module

  **Anatomy & Physiology Revealed[®] 4.0**

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Need help?

Edit my Course Content

Dissection Tools

APR my MODULE : 6. Muscular

my Course Content All Content

Structure information

VIEW : Anterior

- ✓ Buccinator m.
- ✓ Depressor anguli oris m.
- ✓ Depressor labii inferioris m.
- ✓ Frontalis m.
- ✓ Levator labii superioris alaeque nasi m.
- ✓ Levator labii superioris m.
- ✓ Nasalis m.

LAYER 1 LAYER 2 LAYER 3 LAYER 4 LAYER 5 LAYER 6

100% 0%

SKIN SKULLTONE

Quizzes

The screenshot shows a user interface for an online learning platform. At the top left, the logo "APR" is visible. Below it, a green tab labeled "my" is active, followed by a dropdown menu showing "MODULE : 6. Muscular". To the right of this is a blue navigation bar containing icons for a pencil, a person, a play button, a refresh button, and a checkmark. A search bar is located on the far right of this bar. Below the navigation bar, there are two tabs: "my Course Content" (active) and "All Content". Under "my Course Content", there is a dropdown menu for "TOPIC : Select quiz topic" and a yellow button labeled "Select topic". The main content area features a large anatomical illustration of a human head in profile, showing the muscles of the face and neck. To the left of this illustration, the text "MODULE : MUSCULAR" is displayed in large white letters, and below it, "STUDY AREA : QUIZ" is also in large white letters. At the bottom of the main content area, there are three smaller anatomical images: a hand showing the muscles of the fingers, a back showing the muscles of the spine and shoulders, and a shoulder showing the muscles of the arm.

APR

my MODULE : 6. Muscular

my Course Content All Content

TOPIC : Select quiz topic

Select topic

MODULE :
MUSCULAR

STUDY AREA :
QUIZ

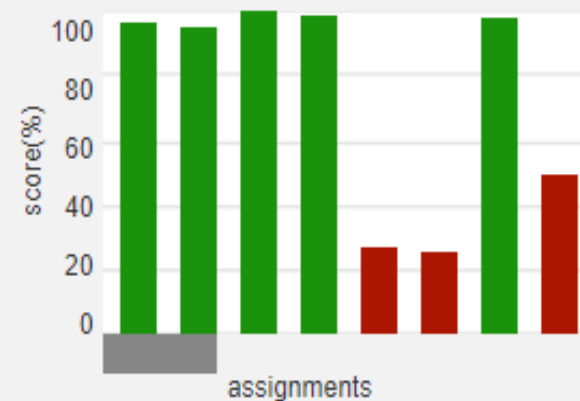
LS	Chapter 9. The Cardiovascular System—Blood	i	02/26/20-03/31/20	👁	☐
A+	Hematology Quiz	i	02/26/20-03/08/20	👁	☐
A+	Hematology Quiz 2	i	03/01/20-03/08/20	👁	☐
LS	Chapter 10. The Cardiovascular System—Heart and Vessels	i	02/26/20-04/05/20	👁	☐
A+	Cardiology Quiz	i	03/16/20-04/04/20	👁	☐
A+	A & P Reveal Cardiology	i	03/16/20-04/04/20	👁	☐
LS	Chapter 13. The Digestive System	i	04/04/20-04/25/20	👁	☐
A+	Digestive Quiz	i	04/04/20-04/25/20	👁	☐
A+	Digestive A&P Reveal	i	04/04/20-04/25/20	👁	☐

my course resources



Section performance

89.93 %* Section average for 34 assignment(s)



*As of 09/09/2020 08:09 PM -07:00

Learn Smart- Self Assessment Tools

☰ Zilola Khashimova

Type here... 🔍

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Settings

Help

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Assignments Self Study


A&P - Anatomy, Physiology, & Disease - Roiger & Bullock, 2e

3	The Integumentary System	Due: 20 Jan 2020	0 %	Past Due	➤
4	The Skeletal System	Due: 11 Jul 2020	0 %	Past Due	➤
5	The Muscular System	Due: 11 Jul 2020	0 %	Past Due	➤
6	The Nervous System	Due: 24 Jun 2020	0 %	Past Due	➤
7	The Nervous System—Senses	Due: 2 Feb 2020	0 %	Past Due	➤
8	The Endocrine System	Due: 8 May 2020	0 %	Past Due	➤
9	The Cardiovascular System—Blood	Due: 31 Mar 2020	0 %	Past Due	➤
10	The Cardiovascular System—Heart and Vessels	Due: 5 Apr 2020	0 %	Past Due	➤
12	The Respiratory System			Multiple Assignments	➤
13	The Digestive System	Due: 25 Apr 2020	0 %	Past Due	➤
14	The Excretory/ Urinary System	Due: 29 May 2020	0 %	Past Due	➤

Pre-Recorded Lectures

	Endocrine Quiz		04/27/20-05/08/20		<input type="checkbox"/>
	A & P Reveal Endocrine		04/27/20-05/08/20		<input type="checkbox"/>
	Chapter 14. The Excretory/ Urinary System		05/18/20-05/29/20		<input type="checkbox"/>
	Urology Quiz		05/18/20-05/29/20		<input type="checkbox"/>
	Urology A&P Reveal		05/18/20-05/29/20		<input type="checkbox"/>
	Chapter 16. The Female Reproductive System		06/01/20-06/12/20		<input type="checkbox"/>
	Reproductive System Quiz		06/01/20-06/12/20		<input type="checkbox"/>
	A & P Reveal Quiz Reproductive		06/01/20-06/12/20		<input type="checkbox"/>
	Chapter 6. The Nervous System		06/13/20-06/24/20		<input type="checkbox"/>

 Enter student's name here

[view gradebook sync list](#) 


▼ your recorded lectures



Record, view and manage all of your lectures for this section at any time.

[find out more](#)

▼ bookmarks

You have not yet added any bookmarks. Click the  icon to add bookmarks for your students to see.

[home](#)

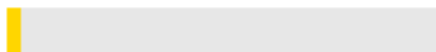
Dermatology Quiz

(10 questions, 100.00 points)

[student activity](#)[preview](#)[policies](#)[message history](#)[assignment options](#)[student assignment view](#)

student progress

1 student(s) not started



28 student(s) submitted



reports

[Assignment Results](#)

View and edit graded submissions, and see all student scores in high, medium and low ranges.

You have

0

students to grade

Instructor Resources

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Physiology Interactives

(See related pages)

[How Do Oxygen and Carbon Dioxide Move Between the Cells and the Atmosphere?](#)[The Specific Events of Neuron Physiology](#)[Skeletal Muscle Contraction: From the Neuromuscular Junction to the Sarcomere](#)[Passive and Active Processes of Membrane Transport](#)[Glomerular Filtration and Its Regulation](#)[Tubular Reabsorption & Tubular Secretion](#)[Changes Associated with a Cardiac Cycle](#)[Innate Immunity](#)[Adaptive Immunity](#)[Blood Pressure](#)[Endocrine Hormone Production & Action](#)

Instructor EditionHome > **Instructor's Manual****Instructor Resources****Instructor's Manual**

Presentation Tools

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(See related pages)

 [Instructor Manual Chapter 01 \(1284.0K\)](#) [Instructor Manual Chapter 02 \(2733.0K\)](#) [Instructor Manual Chapter 03 \(1078.0K\)](#) [Instructor Manual Chapter 04 \(798.0K\)](#) [Instructor Manual Chapter 05 \(1705.0K\)](#) [Instructor Manual Chapter 06 \(1165.0K\)](#) [Instructor Manual Chapter 07 \(1350.0K\)](#) [Instructor Manual Chapter 08 \(815.0K\)](#) [Instructor Manual Chapter 09 \(1924.0K\)](#) [Instructor Manual Chapter 10 \(1695.0K\)](#) [Instructor Manual Chapter 11 \(1078.0K\)](#) [Instructor Manual Chapter 12 \(1389.0K\)](#) [Instructor Manual Chapter 13 \(1118.0K\)](#)

Interactive Case Studies and the Human Bodies

Interactive Case Studies and the Human Body

- [The Female Body](#) - Case Studies 1-10
- [The Male Body](#) - Case Studies 11-20

These case studies are designed to provide opportunities for integrative thinking and problem solving for undergraduate students in anatomy and physiology.

Follow these guidelines:

1. Click on the female or male body image to enter the case study program.
2. Click on any of the ten labels to begin the case study.
3. Read the appropriate case study and accompanying questions.
4. Define all appropriate terms.
5. Compare recorded values to normal values and note whether the recorded values are greater or less than normal.
6. Review the physiologic facts in your text pertaining to this case study.
7. Use a medical dictionary or the glossary in your text to clarify words or concepts you may not be familiar with.
8. Apply these physiologic facts to make your "diagnosis" and to answer the accompanying questions.
9. Realize that you may have to *think for some time* before being able to put all the pieces together. Some of the answers are *not immediately obvious* but they are within your grasp.
10. You may submit answers to your instructor by following the on-screen instructions. Answers to these case studies are located in the *Instructor Online Learning Center* for the text. Please consult with your instructor to review the case study answers.

Have a good time doing this!

Cross-Sectional Atlas

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APR Faculty Resources
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Cross-sectional Mini Atlas




(See related pages)

Cross Sectional Mini-Atlas

-  [Cross-Sectional Mini Atlas \(1284.0K\)](#)
-  [MiniAtlas \(3549.0K\)](#)

Note: The above files are in pdf format (portable document format) which allows them to be viewed and navigated from any PC or Mac. If your browser does not already include the Adobe Acrobat Reader 4.0, you can download it free [here](#). Then follow the instructions in the downloaded file to install it as a plug-in.

Unlabeled Images (PowerPoint®)

-  [Cadaver Cross Sections.ppt \(9312.0K\)](#)
-  [CT/MRI Images.ppt \(3254.0K\)](#)
-  [Pathologies.ppt \(1128.0K\)](#)

Mini-Atlas Credits

Philip Tate, Instructor of Anatomy and Physiology, Phoenix College
James Kennedy, Instructor of Anatomy and Physiology, Phoenix College
John Lampigano, Instructor of Cross-Sectional Anatomy, Gateway Community College
Cadaver Sections Provided by Grant Dahmer, Director of Willied Body Programs, Biotechnology Specialist (ISP), Department of Cell Biology and Anatomy, University of Arizona College of Medicine

Virtual Labs

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Virtual Labs

(See related pages)

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Question Bank

Create an assignment from end-of-chapter questions, test bank or your own question banks.



Adaptive Learning Assignment

Create an assignment providing a learning experience that adapts to the unique needs of each learner through ongoing formative assessment, feedback, and learning resources.



Virtual Labs

Assign a virtual lab simulation that can be used to prepare students for lab or replace an in-person lab.



LearnSmart

Improve comprehension and boost retention using LearnSmart study modules.



LearnSmart Prep

These adaptive modules aid in learning the topics needed to be successful in your course. Time spent on topics varies based on needs.



Zilola Khashimova

Add your photo, email address, office hours



Sections and colleagues



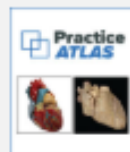
eBook

Anatomy, Physiology, Disease: Foundations for the Health Professions (SmartBook)

Deborah Roiger, 2e



Roiger, Anatomy, Physiology, & Disease, 2e (eBook)



Practice Atlas for Anatomy & Physiology

Section web address:

If you are pairing with an LMS, do not use the section web address. Click [here](#) for further instructions for your students.

<https://connect.mheducation.com/class/z-kr>

[Upload syllabus](#)



Virtual Labs

Assign a virtual lab simulation that can be used to prepare students for lab or replace an in-person lab.



LearnSmart

Improve comprehension and boost retention using LearnSmart study modules.



LearnSmart Prep

These adaptive modules aid in learning the topics needed to be successful in your course. Time spent on topics varies based on needs.



file attachment assignment

Create a manually graded assignment that your students can respond to with an attached file (Word documents, Excel spreadsheets, etc.).



web activity

Create an activity with your instructions and web links.

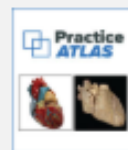
Assign web links to students right from your browser

Drag this button to the bookmarks bar on your browser to assign web readings, videos or other activities in one quick click.

[? see how it works](#)



Ruiger, *Anatomy, Physiology, & Disease, 2e (eBook)*



Practice Atlas for Anatomy & Physiology

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cadaver dissection tool
Launch Anatomy & Physiology Revealed

my course resources



QUESTIONS ??????

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drzilola@gmail.com