I-Piece

What’s New at the Kaplan University Science Center

Maureen Foley, Science Center Specialist

What’s new at the Kaplan University Science Center? A lot! For starters, there are some helpful new resources available. When you visit the Science Center, you will notice there’s a video tour on the homepage. If you are a first-time visitor or just not sure what the Science Center has to offer, I recommend you take this brief tour. Check it out now by clicking on the following link:

http://www.screencast.com/t/kqoefRvlNUJ

Many students have anxiety when they are starting a science course. This new video in the Science Center (on the science resources page) shares some tips on how students can succeed in their Kaplan University science course:


Students may also wonder how to research science topics in the Kaplan Library. If you are one of those students, check out the following video, also found on the science resources page:

https://khe2.adobeconnect.com/_a769721248/p1c8zzob5q8/?launcher=false&fcsContent=true&pbMode=normal

Explore the Science Center today to see these and other new resources. We are here to help you succeed in your science courses.
In Focus

Meet Maureen Foley, Kaplan University Science Center Specialist

I originally hail from Maryland, where I did my graduate work at Hood College, concentrating on environmental biology and aquatic ecosystems. My research there focused on using crayfish as bioindicators to determine heavy metal contamination in waterways. I also developed a number of experiential learning environmental programs while in Maryland, including the Coastal Studies Semester, the Monocacy Basin Stream Monitoring Program, and various Tropical Marine Ecology travel courses to the Bahamas for science educators. Prior to joining Kaplan University, I taught both traditional and online courses for local colleges in Ithaca, New York, where I now live. I taught science courses for Kaplan University until last year, when I accepted a position developing the new online Science Center. It opened in April 2011, and my focus now is on growing the Center, spreading the word about our services, and building resources to support our students.

I enjoy the challenge of putting together new programs and also the excitement of working with students. I share my home with my husband, Jason, my two sons, Matthew and Benjamin, and a menagerie of animals. When I have free time, which is rare these days, I enjoy exercise, travel, and learning how to do new things. I recently learned how to ride a motorcycle, and I hope to buy my first bike this spring!

Be sure to introduce yourself when I see you in the Science Center!

Knows-Piece

Did You Know?

The Kaplan University Science Center is actively seeking students who are interested in a unique leadership position, serving on the student executive board that will help to launch the very first Science Club here at Kaplan University. This is a great opportunity to step into a new role of responsibility and gain some relevant leadership skills and experience.

The student-led club will work to provide career-specific speakers, seminars, community outreach, virtual field trips, and other exciting opportunities. All areas of science will be explored, including chemistry, physics, health sciences, ecology, and more.

If this opportunity interests you, please attend our informational meeting which will be held on Thursday, December 8 from 7:00 pm to 8:00 pm ET. We look forward to seeing you there.

The link for the meeting is http://khe2.adobeconnect.com/science_club/ (enter as a “guest”).

Please RSVP to KUScienceClub@gmail.com
The Arm

The Universe Story of Brian Swimme

In another age, he might have been a revival preacher. Listening to Brian Swimme talk about the universe and how it came about is an entrancing, cosmic vision (quite literally) in which our lives take on purpose, significance, and promise. A mathematical cosmologist, teacher, and mystic, Swimme advocates nothing less than a transformation of human consciousness, a shift in our awareness—from thinking of ourselves as humans isolated on a blue-green planet moving through space to realizing that we are part of the universe itself, and the universe itself is a story continuing to unfold.

In *Journey of the Universe*, a book Swimme recently coauthored with biologist Mary Evelyn Tucker, Swimme shares this realization eloquently with the reader:

We know that the observable universe emerged 13.7 billion years ago, and we now live on a planet orbiting our Sun, one of the trillions of stars in one of the billions of galaxies in an unfolding universe that is profoundly creative and interconnected. With our empirical observations expanded by modern science, we are now realizing that our universe is a single immense energy event that began as a tiny speck that has unfolded over time to become galaxies and stars, palms and pelicans, the music of Bach, and each of us alive today. The great discovery of contemporary science is that the universe is not simply a place, but a story—a story in which we are immersed, to which we belong, and out of which we arose.

Swimme currently directs the Center for the Story of the Universe at the California Institute of Integral Studies in San Francisco. His inspiration about the importance of the story of the universe to our lives and time came about in part through his friendship with the late Thomas Berry, a theologian who argued that “the universe is a communion of subjects, not a collection of objects” ([the official Thomas Berry website](http://www.tomberry.org)). To Berry, the universe was revelatory; its nature and history is rich with meaning. For example, gravitational attraction between planets and suns embodies a natural property of the universe in which parts tend to be drawn toward each other. As Swimme explained the concept in his first book, *The Universe is a Green Dragon*, “Love begins as allurement—as attraction. Think of the entire cosmos, all one hundred billion galaxies rushing through space: At this cosmic scale, the basic dynamism of the universe is the attraction each galaxy has for every other galaxy.”

Swimme’s books, lectures, and videos speak to the amazing nature of the universe and the creative potential each of us possesses as part of that epic story. To learn more about Swimme and his ideas, a great place to begin is with a series of short videos on YouTube, which you can view by [clicking here](https://www.youtube.com/watch?v=example_video_id). You might also consider his latest book, *Journey of the Universe*, published this year by Yale University Press, available by [clicking here](https://www.yale.edu).
Welcome to the Science Center’s monthly workshop series.

Events are open to all Kaplan University faculty, staff, and students, and are free of charge. There is no registration or sign-up required. Just click on the link at the scheduled time to enter the workshop. Type your name and click “Attend Meeting.”

For Science Center inquiries or questions about our workshops, please contact Maureen Foley at MFOley@kaplan.edu.

SPECIAL INTEREST TOPICS — OPEN TO ALL

Come one, come all, to these special Science presentations. These discussions are led by subject matter experts and are designed to pique your interest and help expand your scientific knowledge. Be sure to mark these events on your calendar now—we’ll see you there.

Head Injuries and the Nervous System
An estimated 1.7 million people sustain a traumatic brain injury each year. According to the Centers for Disease Control and Prevention, traumatic brain injury is an important public health problem. We will discuss the (permanent and temporary) effects of these head injuries on the patients’ Nervous System. Also, current research and organization resources will be summarized. Hosted by Fara Dyke
Friday, DECEMBER 2, 8:00-9:00 pm ET
Link: http://khe2.adobeconnect.com/head_injuries_and_nervous_system/

Stories in the Landscape: Observing Relationships in Nature
In this presentation, Clifford Blizard will provide suggestions and examples of relationships in nature that you can observe in natural areas near your home. Although particularly intended for students in SC225 (Environmental Science) in preparation for completing their Unit Six project, the talk is open to all who are interested in connecting with and appreciating the natural history stories going on every day in their own backyards. Hosted by Clifford Blizard
Thursday, DECEMBER 15, 8:00 – 9:00 pm ET
Link: http://khe2.adobeconnect.com/r1krtb2ug37j/

Fiber: Foe or Friend in Cancer Prevention
We’re all looking to optimize our diets. But what does fiber have to do with cancer? Have you ever wondered if you’re eating too much fiber? Or, perhaps you are trying to increase your consumption. How do you know just how much fiber is enough? You’re going to want to attend this informative workshop to help you make the best nutritional choices for your health. Hosted by Allan Ayella.
Saturday, DECEMBER 17, 6:00 – 7:00 pm ET
Link: http://khe2.adobeconnect.com/fiber/
ATTENTION ALL STUDENTS . . . YOU ASKED, WE LISTENED . . .
Study sessions, extra project help, focused course-specific discussions, and open Q&A sessions—all designed to offer that extra support. While seminars are listed below by course, all students are welcome to attend any seminar listed. Take advantage of these workshops and see how the Science Center could help you succeed.

**HS 120: ANATOMY AND PHYSIOLOGY**

**Q&A Hour**
What questions and concerns can we help you with? Are you ready for that test? Are you wondering the best way to begin that project? Join us for an open hour in which a tutor (who is also an instructor!) will be standing by to work with you and help with any question you may have. Hosted by Daudi Langat
Thursday, DECEMBER 15, 8:00 – 9:00 pm ET

**Comprehensive Exam Review**
The final exam in HS120: Anatomy and Physiology I is comprehensive. Are you ready? The muscular system, nervous system, endocrine system, and more...come to this study session to get an overview of important topics, and have the opportunity to ask questions. Led by an anatomy and physiology instructor, this session is definitely worth your time—we’ll see you there! Hosted by Dawn Ranish
Monday, DECEMBER 19, 3:00 – 4:00 pm ET
Link: [http://khe2.adobeconnect.com/hs120_unit10_exam_review/](http://khe2.adobeconnect.com/hs120_unit10_exam_review/)

**HS 130: ANATOMY AND PHYSIOLOGY II**

**Comprehensive Exam Review**
The final exam in HS130 is comprehensive. Are you ready? The lymphatic system, urinary system, reproductive system, and more...come to this study session to get an overview of important topics, and have the opportunity to ask questions. Led by an Anatomy and Physiology instructor, this session is definitely worth your time – we’ll see you there! Hosted by Lisa Parenti
Wednesday, DECEMBER 14, 9:00–10:00 pm ET
Link: [http://khe2.adobeconnect.com/r11m8khwpwz/](http://khe2.adobeconnect.com/r11m8khwpwz/)

**Q&A Hour**
What questions and concerns can we help you with? Are you ready for that test? Are you wondering the best way to begin that project? Join us for an open hour in which a tutor (who is also an instructor!) will be standing by to work with you and help with any question you may have. Hosted by Daudi Langat
Thursday, DECEMBER 15, 8:00 – 9:00 pm ET
**HS 435: GENETICS**
Q&A Hour
What questions and concerns can we help you with? Are you ready for that test? Are you wondering the best way to begin that project? Join us for an open hour in which a tutor (who is also an instructor!) will be standing by to work with you and help with any question you may have. Hosted by Daudi Langat
Thursday, DECEMBER 15, 8:00 – 9:00 pm ET
Link: http://khe2.adobeconnect.com/open_hour/

**SC 115: PRINCIPLES OF NUTRITION**
Study Session: Unit 7 Exam
Are you ready for that exam? Join us to review important concepts and work together to prepare for the Unit 7 Nutrition exam. Hosted by Christin Morgan
Thursday, DECEMBER 1, 8:00–9:00 pm ET
Link: http://khe2.adobeconnect.com/unit7_exam_review/

Unit 2 Project Review: Understanding Fluids and Electrolytes
Whether you want to know how to stay safely hydrated when working out, or if you wonder what to give your children to drink in the hot summer sun, or if you are working on the unit 2 mini-project, you should attend this informational workshop. Hosted by Christin Morgan Thursday, DECEMBER 15, 7:00 – 8:00 pm ET
Link: http://khe2.adobeconnect.com/fluids_and_electrolytes/

**SC 225: ENVIRONMENTAL SCIENCE**
Stories in the Landscape: Observing Relationships in Nature
In this presentation, Clifford Blizard will provide suggestions and examples of relationships in nature that you can observe in natural areas near your home. Although particularly intended for students in SC225 (Environmental Science) in preparation for completing their Unit Six project, the talk is open to all who are interested in connecting with and appreciating the natural history stories going on every day in their own backyards. Hosted by Clifford Blizard
Thursday, DECEMBER 15, 8:00 – 9:00 pm ET
Link: http://khe2.adobeconnect.com/r1krbtug37j/
**SC 300: BIG IDEAS IN SCIENCE —FROM METHODS TO MUTATION**

**Geological Energy vs. Biological Energy**
What does geological energy have to do with earthquakes? What is biological energy and what does it have to do with living things? How are geological and biological energy alike and how are they different? Tackle this topic and get a head start on the unit 4 project! Hosted by Clifford Blizard
Friday, DECEMBER 2, 8:00-9:00 pm ET

**Unit 2 Project Review**
As a community health department investigator, you are tasked with determining what may have caused the student absences. You will need to prepare a report to submit. This seminar will help you get organized so that you can undertake this project with confidence!
Hosted by Anna Spaulding
Thursday, DECEMBER 15, 6:00 – 7:00 pm ET
Link: [http://khe2.adobeconnect.com/sc300_unit_2_project/](http://khe2.adobeconnect.com/sc300_unit_2_project/)

**SC325: ENVIRONMENTAL RISK ASSESSMENT**
**Q&A Hour**
What questions and concerns can we help you with? Are you ready for that test? Are you wondering the best way to begin that project? Join us for an open hour in which a tutor (who is also an instructor!) will be standing by to work with you and help with any question you may have. Hosted by Daudi Langat
Thursday, DECEMBER 15, 8:00 – 9:00 pm ET

**SC 328: HISTOLOGY AND EMBRYOLOGY**
**Study Session: Final Exam**
Morphogenesis, neurulation, and fibroblasts….oh, my! Want some support while studying for this exam? Come to this session to review important concepts ask questions in a supportive, collegial environment. See how a collaborative study session can help you prepare for your final exam!
Hosted by Daudi Langat
Thursday, DECEMBER 1, 9:45-11:00 pm ET

**NOTE: ENTER ALL SEMINARS AS A “GUEST”**
The Base

WHAT ABOUT TUTORING SERVICES?
All tutors are Kaplan University instructors who strive to provide students with exceptional support. Be sure to stop in with your questions and get the support that could help you excel in your classes.

Follow the Kaplan University Science Center on Facebook and Twitter.

Instructors may schedule a guided Science Center tour during class seminar time:

**Live Tutoring Schedule:**

**Sunday:** 6:00 pm–10:00 pm

**Monday:** 11:00 am–2:00 pm

6:00 pm–11:00 pm

**Tuesday:** 11:00 am–2:00 pm

6:00 pm–11:00 pm

All times are Eastern Time.

For tutoring:
- Go to “My Studies” on KU Campus
- Choose “Academic Support Center”
- Select “Science Tutor”
- Enter as a Guest

Or click:
http://khe2.acrobat.com/sciencetutor/

**Question & Answer Service**

Students may submit questions 24 hours a day, 7 days a week. Tutors will respond to questions within 24 hours during the week and within 48 hours on the weekend (excluding University holidays).

Email questions to: kusc@kaplan.edu

Please put Q&A and your course number in the subject line of the message.