

Bio-Bits

**A Newsletter from Brookdale's Biology Department
February 2009**

WELCOME

Welcome to the Spring 2009 semester at Brookdale! This newsletter contains useful information about the Biology Department and other academic areas on campus.

SCIENCE OFFICE

The Science Office (MAS049) serves the Departments of *Biology, Chemistry, Physics and Environmental Science*. Associate Professor Jim Crowder is the Biology Department Chair (732-224-2873). The Science Office Assistant, Adeline Griffin, can be reached at 732-224-2402.

BIOLOGY DEPARTMENT WEB PAGE

Visit the Biology Department Web Page for information about weekly labs, course descriptions and syllabi, links to important websites, practice anatomy practicals and more! Access the site by going to www.brookdalecc.edu/pages/802.asp

BIOLOGY LABS

Independent Study (Open) Laboratories

Materials from closed laboratory sessions are available for additional study in Independent Study Lab. Students should visit Open Lab regularly throughout the semester to ensure success on course practicals.

Independent Study Lab Hours

**General Biology/Life Sciences/Microbiology
BIOL101/BIOL102/BIOL105/BIOL213
Room MAS 041**

Monday	9:00 AM – 4:00 PM 5:30 PM – 8:00 PM
Tuesday	9:00 AM – 2:00 PM 5:00 PM – 8:00 PM
Wednesday	9:00 AM – 8:00 PM
Thursday	9:00 AM – 8:00 PM
Friday	9:00 AM – 1:00 PM

Independent Study Lab Hours

**Anatomy and Physiology I and II
BIOL111/BIOL112
Room MAS 056**

Monday	8:30 AM – 8:00 PM
Tuesday	8:30 AM – 8:00 PM
Wednesday	8:30 AM – 8:00 PM
Thursday	8:30 AM – 11:30 AM 1:30 PM – 8:00 PM
Friday	8:30 AM – 1:00 PM

Computer Lab Hours

Computer Labs are open to all registered biology students for class work, lab work, course-related study and online tests. Learning Assistant Jim Burkitt staffs MAS 019; Health Science Support Specialist Paul Yip staffs MAS 102.*

	<u>MAS 102*</u>	<u>MAS 019</u>
Monday	8:30 AM – 5:00 PM	9:00 AM – 11:30 AM
Tuesday	8:30 AM – 5:00 PM	Closed
Wednesday	8:30 AM – 8:00 PM	9:00 AM – 11:30 AM
Thursday	8:30 AM – 5:00 PM	9:00 AM – 12:00 PM 5:00 PM – 6:00 PM
Friday	8:30 AM – 12:00 PM	9:00 AM – 12:30 PM

*May be closed occasionally for the administration of exams. Check posted calendar.

BANKIER LIBRARY HOURS

Monday – Thursday	7:15 AM – 10:00 PM
Friday	7:15 AM – 7:00 PM
Saturday	10:00 AM – 4:00 PM
Sunday	CLOSED

Librarian Steve Chudnick is the Biology Subject Specialist (schudnick@brookdalecc.edu)

TESTING CENTER HOURS

The Testing Center is located in the lower level of the CAR building (Parking Lot 5; Phone: 732-224-2584).

Hours

Monday	8:30 AM – 8:45 PM
Tuesday	8:30 AM – 8:45 PM
Wednesday	10:00 AM – 8:45 PM
Thursday	8:30 AM – 8:45 PM
Friday	8:30 AM – 4:45 PM
Saturday	9:00 AM – 2:45 PM

Note: Last request for course tests is two hours before closing time. Student ID required

IMPORTANT BCC DATES: SPRING 2009

February 23 rd :	Graduation Candidacy Forms Due
March 15 th – 21 st :	Spring Break; No Classes
April 2 nd :	Priority Registration Begins: Summer/Fall Terms
March 23 rd :	Open Registration: Spring/Summer
April 21 st :	Last Day to Withdraw from Classes
May 12 th :	Last Day of Spring Classes
May 17 th :	Commencement
May 18 th :	Summer I Term begins

SCHOOL CLOSINGS/MESSAGES

Get IMPORTANT campus messages sent directly to your cell phone! Launch "Opt-in Text Message Alerts" in the lower right corner of the BCC Homepage (www.brookdalecc.edu).

SCHOLARSHIP OPPORTUNITIES

\$500 to continue your education at a four-year college, \$4400 to study radiation technology, \$1000 to a female student over 25...Sound good? Don't miss out on these and other great scholarship opportunities. Visit www.brookdalecc.edu/pages/110.asp for details.

OUTSTANDING STUDENT AWARD SCIENCE/HEALTH SCIENCE DIVISION

Every year, one outstanding student from each Division of the college is selected and recognized at graduation. Students with GPAs of 3.5 or greater are eligible. If you would like to apply for this prestigious award, pick up an application form in the Science Office (MAS 049). Applications are due March 2nd.

BIOLOGY CLUB

Biology Club. The Biology Club meets every other Tuesday at noon in MAS 055. The club has a number of exciting things planned for this semester, including a trip to the Bodies exhibit in NYC, a visit from a local Herpetologist, and work on the Department Bioregionalism Project. Contact Sally Cohen for details; biologyclub@brookdalecc.edu

BCC WATER WATCH

The BCC Chapter of Water Watch invites Biology Students to join in these Spring 2009 activities:
3/12 – Campus Clean-Up during College Hour
3/15 – 3/20 – Spring Break Education Week
4/18 – Earth Day Clean Up (Details TBA)
4/25 – Beach Sweeps with Clean Ocean Action
For more information, contact Lisa Williams, (732) 224 – 1845; www.njwaterwatch.org

200-LEVEL BIOLOGY COURSE OFFERINGS

Look for a new 200-level course offering in Fall 2009! ***Ecology and Field Biology (BIOL 208)*** will be team-taught by Biology Faculty Rob Martens and MaryAnn Smith. Brookdale's 200-level Biology Offerings now include ***Invertebrate Zoology (BIOL 205), Vertebrate Zoology (BIOL 206), Microbiology (BIOL 213) and Ecology.*** Also *Marine Science at Sandy Hook (BIOL207) in the summer.*

DO YOU KNOW WHERE YOU ARE?

Participate in the Department's ***Bioregionalism Project*** and find out!

What is Bioregionalism?

Bioregionalism is a comprehensive understanding of "the place you live".

It includes an understanding of the local landforms, soil series, climate, seasons, growing seasons, watersheds and native plant and animal species.

It also includes an understanding of human impact on the environment, and an appreciation for natural resource conservation and sustainable living.

The Bioregionalist lives in harmony with the natural systems.

(Ref: Planet Drum Foundation; Great River Earth Institute)

Test Your Bioregionalism IQ

How many of these questions can you answer?

- How many people live in Monmouth County?
- When is the next full moon?
- From where you are standing, point North.
- What biome are you in?
- What was the total rainfall in Monmouth County last year?
- What Native American population lived here?
- What soil series are you standing on?
- How long is the growing season where you live?
- Name three crops that grow in your region.
- Name five native trees common to your area.
- Name three animal species that lived in your area, but have become extinct.
- Name five resident birds and five migratory birds.
- Name five common mammals that live in your region.
- Name your watershed.
- Name one invasive plant and one invasive animal species.
- Where does your drinking water come from?
- Where does your garbage go?

What is the Project?

In the weeks leading up to Earth Day, 2009, we will improve our collective *Bioregionalism IQs* by investigating the natural environment of our home.

Every two weeks, a set of questions about our bioregion will be posted in the Lobby of MAS (near the TV). Answer the questions correctly, and your name will be entered in a random drawing for a fabulous (well, \$25) prize! Group efforts are welcome, but then you have to split the winnings!

Answers to the questions will be posted in the Lobby after each question period ends.

<u>Questions Posted</u>	<u>Time Frame</u>	<u>Answers Due</u>	<u>Winners Selected</u>
Set 1: 2/16		3/2	3/3
Set 2: 3/2		3/13	3/24
Set 3: 3/23		4/3	4/7
Set 4: 4/6		4/17	4/21

On Earth Day, we will share our findings with the Campus Community. We will also initiate a Biodiversity Inventory on our Department Website, so that we can begin to document the many life forms we share the campus with. If you would like to help with the project, contact pdillon@brookdalecc.edu or rmartens@brookdalecc.edu.

SPEAKERS AND SEMINARS

2/24/09 – Local Herpetologist, 11:45 AM, MAS 100
2/26/09 – Pine Barren Animals, 11:45 AM, MAN 105