Fall 2015:

Fall semester is half way over, midterms are upon us and the colors of autumn are in full bloom. In this edition you will find some exciting events happening in the next few weeks: The 3rd annual Water Symposium and the 4th annual BSCI Career Informational night. Most summer research, internships, jobs and graduate school applications have deadlines in December/January. It is the best time for you to think ahead and be proactive with advancing your academic and career paths. I have tried to compile as many opportunities relevant to all of our biology majors. I hope each and everyone of you can find something of interest...Enjoy!
**Upcoming Important Dates**

**Academic Calendar**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 21, 2015</td>
<td>Midterm Grades Available for Viewing in FlashLine (Freshmen only).</td>
</tr>
<tr>
<td>Nov. 8, 2015</td>
<td>Last Day Withdrawal from any or all courses That meet the full term course. (Grade of &quot;W&quot; assigned.)</td>
</tr>
<tr>
<td>Nov. 25-29, 2015</td>
<td>Thanksgiving Recess (Classes recessed Wednesday noon through Sunday. Offices closed Thursday and Friday.)</td>
</tr>
<tr>
<td>December 13, 2015</td>
<td>Fall Classes end</td>
</tr>
<tr>
<td>December 14-20, 2015</td>
<td>Final Exam Week</td>
</tr>
<tr>
<td>December 15, 2015</td>
<td>Application Deadline for Summer 2016 August Graduation-Undergraduate students seeking a bachelor degree or undergraduate certificate.</td>
</tr>
<tr>
<td>December 24, 2015</td>
<td>Final Grades are available to students in Flashline.</td>
</tr>
<tr>
<td>January 19, 2016</td>
<td>Spring 2016 classes begin</td>
</tr>
</tbody>
</table>

**BSCI’s Pre-med Workshop Series presents: The Personal Statement and Pre-med Committee workshop**

**Tuesday, November 3rd from 6-7pm in CHH 101**

The workshop is intended for **junior and senior pre-meds only** who are planning on applying to medical school this Summer 2016 cycle. We will discuss the do’s and don’ts of writing a strong personal statement as well as detailed information about the Pre-med Committee. For more information please contact Gail Spalsbury at gkovach@kent.edu.
# Third Annual Kent State University Water Symposium: Water in a Changing Climate: Regional to Global Issues

October 14-15, 2015

Where: Kent State University Hotel and Conference Center

| October 14th, 2015, 7:00 P.M. |  
|-----------------------------|----------------------------------|
| 7:00 – 8:15 pm              | **Keynote Address: “Water in a Changing Climate: Finding the Good News”** Richard Alley, PhD, Pennsylvania State University |
| 8:15 – 9:15 pm              | **Reception and Poster Session** |

<table>
<thead>
<tr>
<th>October 15th, 2015, 8:30 A.M. - 4:00 P.M.</th>
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<tr>
<td>8:45 - 9:30 am</td>
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<td>9:30 – 10:15 am</td>
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<td>10:30 – 11:15 am</td>
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<td>11:15 am – Noon</td>
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<td>1:30 – 2:15 pm</td>
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<td>2:15 – 3:00 pm</td>
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<td>3:15 – 4:00</td>
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BSCI Career Information Night
Tuesday, October 20th from 6:30-8pm

We are having the 4th annual BSCI Career Info night this Tuesday, October 20th from 6:30-8pm in the 3rd floor of the Student Center, 306, 310 and the Ballroom Balcony. The info night will cover important information about the broad range of careers available to Biology majors, and will be a valuable opportunity for students to connect with local professionals working in various careers. For those students interested in exploring higher degree programs, we will also have a graduate programs room specific to the interests of biology majors. For more information, contact Gail Spalsbury, gkovach@kent.edu.

List of participating organizations/companies:
EPA
ODNR
Holden Arboretum
Cleveland Metroparks
Akron Zoo
Stow/Kent Animal Hospital
Happy Trails Farm
Enviroscience
Army Corps of Engineers
Greater Cleveland Aquarium

Grad Programs:
Case Western Reserve Univ (CWRU) Anesthesia Assistant Master’s Program
CWRU MS/PhD Epidemiology and Biostatistics
CRWU MS/PhD Applied Anatomy
KSU BSCI and BMS grad programs
KSU Anthropology grad program
NEOMED MS/PhD grad programs
Cleveland Clinic grad programs
Baldwin Wallace Physician’s Assistant MS program
Spring 2016 Registration

The Spring 2016 Schedule of Classes is available for viewing on flashline. **Registration begins October 23rd** for protective groups and **October 27th** for the general student body. **Please note that students must meet with their faculty advisor or academic advisor for required advising in order to have their required advising pin removed to register for spring classes.**

<table>
<thead>
<tr>
<th>Credit Hrs</th>
<th>Date:</th>
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<tbody>
<tr>
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<td>November 18, 2015</td>
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<tr>
<td>0-14.999</td>
<td>November 19, 2015</td>
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</tbody>
</table>

For a complete list of department faculty advisors please visit the biology website, www.kent.edu/biology or stop in the main office, CHH 256 for a faculty advisor card.
Planning Ahead

Spring 2016 Special Topics Courses
Each semester the Biological Sciences offers a selection of Special Topics courses that vary from semester to semester. Take advantage when you see one or more that are of interest to you. These BSCI 40195 courses will count toward your BSCI major upper division electives. Check the monitor in the main foyer of Cunningham Hall or contact the BSCI main office for more information.

ST: Diabetes and Cardiovascular Disease
ST: Molecular Mechanisms of Disease: Neurological Disorders
ST: Advanced Human Physiology
ST: Human Anatomy lecture
ST: Human Anatomy lab
ST: Medical Entomology
ST: Readings and Case Studies in Adv, Human Physiology
ST: Invasion Biology

Congratulations to Mark Kershner, finalist for the 2015 Distinguished Teaching Award Finalist. Ten faculty finalists were chosen from a group of more than 250 nominations for this year’s 48th Annual Kent State University Alumni Association Distinguished Teaching Award. The three recipients of the award will receive a $1,500 cash prize and a crystal apple. They also will be honored at the University Teaching Council Conference luncheon on Friday, Oct. 23.

Mark Kershner goes out of his way to help students and make them feel at ease. A graduate student nominator regards Kershner as an extremely fair professor who supports students’ individual interests and academic decisions.

“I would consider Dr. Kershner to be my mentor,” says the nominator. “He has helped me along the way since I started my first semester here. He has helped me schedule my classes every semester as my faculty advisor and sent me down the right path for my future career goals.”
A new professor at Kent State University, and Herrick Chair of Plant Biology, **Professor David Ward** has more than 20 years of teaching experience across the globe. Prior to coming to Kent State, Professor Ward taught at the University of British Columbia in Vancouver for 3 years. He also lived and taught in Israel for 13 years, and was the Chair of Botany for the University of Kwazulu-Natal, where he lived most recently for 14 years.

Professor Ward specializes in ecology and the genetics of plant and animal interactions, with a special interest in population biology and population genetics of arid desert plants. His expertise and fascination lies with encroaching species in South Africa, particularly the effects of large herbivores - such as elephants - and how their grazing preferences are affecting populations of native and invasive plant species. This year, he is teaching Invasion Biology, and a graduate class on the Evolution of Life Histories.

Professor Ward describes his teaching style as “interactive,” placing a firm value on the use of field experiments to broaden knowledge of ecology and conservation. As Herrick Chair, Professor Ward is responsible for organizing conservation studies throughout Ohio. He focuses on dealing with invasive plant species, as these make up roughly 30% of plant species in Ohio. In 2009 he published “The Biology of Deserts”, a comprehensive guide to the adaptations of plants and animals to desert environments and the interactions between plant and animal species. He is currently working on a second edition. Professor Ward has published over two hundred articles and studies on ecology; however, his proudest achievement is the impact he has had on his students. He lives in Hudson with his wife - an adjunct professor of ecology at Kent State - and their daughter and son.

*Written by Alicia Krynock (Biology Scholars)*
Opportunities at CVNP

Cuyahoga Valley National Park (CVNP) and its nonprofit friends group, the Conservancy for Cuyahoga Valley National Park, have a number of spring and summer internships and jobs to offer to students. Ranging from Graphic Design and Public Relations to Environmental Education and Resource Monitoring, CVNP has a large variety of opportunities.

Located between Cleveland and Akron, CVNP enables college students to apply classroom learning and gain hands-on experience in a unique work environment. Check out our current internship postings here: www.nps.gov/cuva/supportyourpark/internships.htm

Volunteer at CVNP
Everybody can make an impact on CVNP! Join us for our Days of Service, offered six times throughout the year. http://www.nps.gov/cuva/getinvolved/supportyourpark/volunteer-activities.htm

Opportunities at The Holden Arboretum
The Holden Arboretum is located in Northeast Ohio’s Lake and Geauga counties and is one of the largest arboreta in the United States. Encompassing more than 3600 acres of cultivated gardens, woody plant collections, and forested natural areas, it was established in 1931.

Internships: http://www.holdenarb.org/workwithus/internships.asp
Volunteer information: http://www.holdenarb.org/workwithus/volunteer.asp
Ohio & Government Jobs
Green City Blue Lake: http://www.gcbl.org/sustainability-jobs

Ohio Department of Natural Resources
http://www.dnr.state.oh.us/tabid/11072/default.aspx

Ohio government Jobs: http://careers.ohio.gov/ or USAGovs.gov

USDA Natural Resources Conservation Service:
http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/careers/students/

Environmental/Outdoor Education
National American Association for Environmental Education:
http://eelinkedd.naaee.net/n/eelink-jobs

National Outdoor Leadership School: http://www.nols.edu/alumni/employment/

Environmental/Sustainability/Wildlife
Society of Conservation Biology Job board: http://www.conbio.org/professional-development/scb-job-board

Orion Grassroots Network: http://jobs.oriongrassroots.org/

Idealist: http://www.idealists.org/


Internships/Service
Americorps: http://www.nationalservice.gov/programs/americorps

Student Conservation Association: http://www.thesca.org/serve

Peacecorps: http://www.peacecorps.gov/

Sierra Club: http://www.sierraclub.org/careers/

Stratford Ecological Center: http://www.stratfordecologicalcenter.org/

Glen Helen Naturalist Program:
http://glen.antiochcollege.org/glen_helen/outdoor_education_center/naturalist/internship

Crown Point Ecology Center Farm Apprentices: www.crownpt.org
REU: Research Experiences for Undergraduates Programs

Most Research Experiences for Undergraduates Program (REU) provides full tuition and room and meals and is a fantastic opportunity for superior students. You can find an REU program, dependent on your major and research interest across the United States. You just have to search. I have included a partial list of some of the REU programs that are in Ohio and the surrounding area. Most REU’s start accepting applications in early winter and deadlines are early spring. So keep checking back to the programs that you are interested in applying to if they have not opened their application cycle.

National Science Foundation (NSF) Summer 2016
https://www.nsf.gov/crssprgm/reu/reu_search.jsp

Miami University (ecology)
https://sites.google.com/a/miamioh.edu/ecoreu/

Ohio State University (Molecular Genetics)
https://molgen.osu.edu/research-experience-undergraduates

OSU Stone Laboratory on Lake Erie
http://stonelab.osu.edu/reu/

University of Cincinatti School of Medicine
R.O.S.E Program
www.med.uc.edu/ROSE

University of Akron (Field Station)
http://www3.uakron.edu/biology/fieldstation/reu.htm

University of Toledo Lake Erie Center
https://www.utoledo.edu/nsm/lec/reu.html

Case Western Reserve School of Medicine Summer Research Programs
http://case.edu/medicine/admissions/research/summer-research-programs/

Ohio University Heritage College of Osteopathic Medicine Summer Research Programs
http://www.oucom.ohiou.edu/Admissions/SummerPrograms.htm
At PhysAssist Scribes we hire and train medical scribes to work alongside physicians in emergency departments around Ohio as well as across the country. I am excited to let you know that we are now offering this great experience with our new team in Middleburg Heights, OH!

Scribes provide real-time charting for physicians by shadowing them throughout their shifts. As a scribe you will:

- Work side by side with physicians as they see patients
- Document the patient history and chief complaint
- Document the physical exam and procedures
- Record x-ray, lab, and diagnostic test results
- Prepare plans for follow-up care

So if you are an undergraduate looking for your first steps in the medical field or are an Alumni looking for a gap year opportunity, then I encourage you to check out our website at http://www.iamscribe.com/ and fill out one of our online applications.

My name is Tara Wade and I am one of the Recruiters for the state of Ohio. I am actively interviewing for 15+ positions at this time. If you would like to schedule an interview or have any further questions, you can contact me directly at 817-507-0268 or via email - Tara.Wade@iamscribe.com.