



SCIENTIA

THE OFFICIAL NEWSLETTER FOR COLLEGE OF SCIENCE STUDENTS

MESSAGE FROM THE DEAN

Welcome to Spring, 2009. Somehow, it doesn't quite feel like spring, but every day, I notice the sun staying with us for longer, and look forward to warmer weather in the not-too-distant future. I also see many of our projects moving along: the new student center is starting to rise, and (perhaps more important) the new parking garage will clearly be done soon.

In the College of Science, many new projects are also moving along. We have our first group of Choose Ohio First Scholars who will receive

scholarships from the State of Ohio and experience in research and entrepreneurship. We have our first McNair Scholars as well, receiving advising and support as they consider graduate school in science fields. Our newly approved Bachelor of Science in Pharmaceutical Sciences is ready to go, as well. At the same time, faculty are hard at work making sure that all our programs are top quality. We continue to hear great things about our students' achievements, and

I'm delighted with their—your—successes.

Be sure to join us for College of Science night at the Vikings Basketball game on January 29. It's great to cheer on our winning team, and to see friends and faculty from the College. I hope that you enjoyed your holidays, and I hope you're excited about being back at school to start a new term. I look forward to seeing you on campus, and helping you achieve your academic goals.

Bette Bander

SPOTLIGHT ON... THE ROOF TOP GARDEN PROJECT

By Erin Huber and LeeAnn Westfall



Just over one year ago our lives would unknowingly be forever changed. Meeting in our first environmental science class, it was obvious our passions were similar and our motivations were real and powerful. We learned through an emotional class discussion that a 7,000 square foot roof top garden was initially supposed to be installed on our newly built LEED Certified Recreation Center, but three years later, the roof remained bare. After hearing this news, we began researching green roof systems and possible funding options.

It took three months of knocking on the door of the university architect's door to finally talk face to face about our ideas, our drive, our passion, and our plan. We gathered volunteers, faculty support, information on modular roof systems, and brainstormed on ways to involve not only the Cleveland State University community, but the entire City of Cleveland. Councilmen and women, our mayor, local grassroots organizations, faculty, alumni, and the president and vice presidents of CSU became aware, proud, and excited about the project. (continued on page 4)

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COLLEGE OF SCIENCE BASKETBALL NIGHT

A College of Science tradition is gaining momentum! Please join us for the 3rd Annual College of Science Basketball Night on Thursday, January 29th. The CSU women will play Loyola starting at 5:00 pm and the men will play Detroit starting at 7:30 pm. Tickets are free for all CSU students, staff and faculty. Non-CSU guest tickets may be purchased for \$6.00. All ticket orders must be placed by Noon on Friday, January 23rd to ensure that all tickets will be located in the same section. Event information can be found at:

http://www.csuohio.edu/sciences/news_09ocs_bball.html. If you wish to purchase guest tickets, you will need to complete an additional order/payment form. Tickets may be picked up at the Dean's office, SR 353 on January 28 and 29. If you are unable to pick up your tickets, they will be left at will call at the Wolstein Center. Will call is located inside the Medical Mutual entrance at the Northwest corner at Prospect and 18th Street. We hope to see you there!



DID YOU KNOW...

...452 College of Science students were recognized on the **Dean's List** for the fall 2008 semester. Congratulations to those full-time students who earned a minimum grade point average of 3.25. As a celebration of their accomplishments, the Dean will host a swing dancing event on Wednesday, February 11th (see Calendar of Events on page 3).

...Victoria Chmura, a double major in Psychology and Health Science, was recognized as the **College of Science Valedictorian** for fall 2008. Congratulations, Victoria!

...Zavinta Maleckaite (Health Science and Psychology), Rebecca Riffle (Health Science and Psychology), Kyle Sochacki (Health Science) and Brian Von Benken (Health Science), were honored as **College of Science Outstanding Seniors**.

...Dr. Keith Kendig, professor of Mathematics, was honored as the recipient of the College of Science 2008 **Jearl Walker Outstanding Teaching Award**.

...Ms. Corey Hamby, academic advisor in the College of Science, was honored as the 2008 recipient of the **Distinguished Academic Advising Award**.

...2009 applications for the **Choose Ohio First Engaged Scholarship Program** in Bioscience and Healthcare will be released by February 23rd. Please visit our web site for more information:

<http://www.csuohio.edu/academic/stemopportunities/COFBio/COF-mainpgR.html>

...Tristan Hearn, a December of 2008 graduate of CSU's Master of Science Program in Mathematics, has participated in **NASA's LERCIP and Cooperative Education Program**. "My experience as a LERCIP intern has given me an opportunity to put my knowledge of mathematical theory (and ability to apply such knowledge) to the test." Tristan started his internship summer of 2008, and was one of several CSU students who participated in the program. If you are a student in the College of Science looking to pursue a career in the mathematics and science fields and is looking for Cooperative Education or Internship experience where you can gain practical learning experience feel free to contact Philomena M. Johnson in the Career Services Center at 216.687.3968 or via email at p.m.johnson30@csuohio.edu.

...General Electric is looking for Environmental Science students for **part time paid positions** for Co-op for Spring and Summer 2009. The pay is from \$12.00 to \$16.00 per hour. Students can go to <http://csucareerline.erecruiting.com> for more information.

...**Lewis' Educational and Research Collaborative Internship Program** (LERCIP) Summer 2009 applications and information can be accessed by going to http://www.nasa.gov/centers/glenn/education/LERCIP_GRC.html and https://lercip.grc.nasa.gov/student_application.cfm. The deadline for submission of applications is January 31, 2009. Salary ranges are from \$4,000 to \$6,000 to depending on undergraduate or graduate status.

TELL US YOUR STORY!

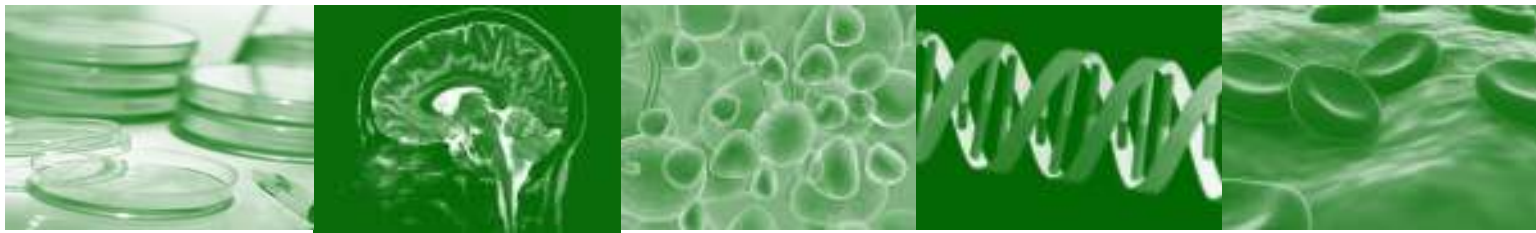
Our goal is to see our students succeed. We would be happy to receive updates from our students and would love to acknowledge your accomplishments!

Students: Did you land a prestigious internship? Find your full-time "dream job" after you graduated? Gain acceptance into a Graduate program or professional school?

Faculty: Do you know of a student or group of students who are doing extraordinary things, in or out of the classroom?

Contact Kristy Tokarczyk at k.tokarczyk@csuohio.edu or by phone at 216-875-9810. Share your accomplishments, and we'll feature your story in an upcoming issue of *Scientia!*





SPRING 2009 CALENDAR OF EVENTS

Remember to check College of Science news and events online at <http://www.csuobio.edu/sciences/news.html>

Tuesday, January 27th—**BSHS Co-op and Internship Program Launch***, PH, 11:30-1:00pm.

Wednesday, January 28th—**Polishing Your Professional Image***, AC 103, 4:00pm

Thursday, January 29th—**3rd Annual College of Science Basketball Night** (see page 1 for details)

Friday, January 30th—**Deadline to drop classes** (8:00 pm)

Tuesday, February 10th—**Etiquette Dinner***, UR Atrium, 6:00pm

Wednesday, February 11th—**Dean's List Swing Dance**. Fall 2008 Dean's List students will receive invitations by mail with their Dean's List certificate.

Friday, February 13th—**Interviewing***, BU 209, 3:00pm

Tuesday, February 17th—**Passport to Paycheck: Job Search for International Students***, PH 104, 9:30am

Wednesday, February 18th—Community Engagement on Aging: **Benjamin Rose Adult Day Care****, 3:30-5:00 pm

Friday, February 20th—**Networking/Salary Negotiations***, BU 209, 3:00pm

Saturday, February 21st—**Graduate Programs Information Session***, UR Atrium, 10:00am

February 23-27th—**Spring Career Week***—Over 20 workshops scheduled!

Wednesday, February 25th—**Careers in Government Panel***, Dively Room, 4:00pm

Thursday, February 26th—**Cuyahoga County Coroner's Office Forensic Science Presentation***, SR 151, 10:00am, in conjunction with Dr. Gibson's Human Anatomy and Physiology class

Friday, February 27th—**Spring Career Fair***, PE Building, 9:00am

March 15th-22nd—**Spring Recess**

Wednesday, March 18th—Community Engagement on Aging: **Eliza Bryant****, 3:30-5:00 pm

Friday, April 3rd—**Deadline to withdraw from spring classes** (8:00 pm)

Monday, April 13th—**Careers in Aging Panel Presentation**, TBD, 5:00-7:30pm. Promoted by both the Gerontological Society of America (GSA) and the Association for Gerontology in Higher Education (AGHE).

Friday, April 17th—**2nd Annual Design-A-Life Conference: A Community of Ideas**, Cole Center. Open to all health care professionals and students, with CE credit available to specific organizations. The conference, featuring keynote speaker Gene Cohen, will bring local artists in to lead workshops designed to explore how creative activities can benefit health and quality of life.

Wednesday, April 22nd—Community Engagement on Aging: **Judson****, 3:30-5:00 pm

Friday, April 24th—**College of Science Research Day Poster Session**, Woodling Gym Lobby, 12:30-3:00pm

Friday, April 24th—**College of Science Research Day Awards and Keynote Speech**, FT Panel Hall, 3:30-5:00pm. Featuring Dr. John Smol of Queen's University.

May 9th-15th—**Final Exams**

Wednesday, May 20th—Community Engagement on Aging: **Benjamin Rose-Fairhill****, 3:30-5:00 pm

** Sponsored through the Career Services Center, 216-687-2233, <http://www.csuobio.edu/offices/career/>, or RW 280 for more information.*

*** Participants must pre-register by contacting Tony at l.c.carter23@csuobio.edu or 216-687-5580.*

We want to hear from you! The *Scientia* newsletter is designed with students in mind! Please send your feedback to the Editor, including any special sections that you would like to see included in future issues!

ROOF TOP GARDEN PROJECT (FROM PAGE 1)

Development was happening; we were going to determine the future of Cleveland.

The Roof Top Garden Project will change the pace of progress forever in Cleveland, in Ohio, and at Cleveland State. Providing this garden as a learning tool to our communities and our schools, we can make the future of Cleveland greener. We have incorporated developing plans for local youth to visit our rooftop year round to learn about green building, urban planning, environmental protection, and sustainability.

Students, and the general public can learn about the importance of managing storm water, decreasing impervious surfaces (especially in the city), creating urban habitat for wildlife, filtering pollutants from our air and water, reducing urban heat island effect and decreasing dependence on energy for heating and cooling in our buildings.

This is our passion. This is our vision. This is our world, and we want to make it greener, cleaner, and more sustainable than ever.

We need to provide an example to Ohio and other states that even in difficult economic times, intelligent progress can be made. We need to provide this learning tool, this garden to our replacements, the youth. We need to instill the very passions and drive to youth that we have within us. We need to complete our project to ensure other schools, businesses, and homeowners have a well designed model to follow when other motivated and passionate people choose to become more sustainable. We need the students, alumni, and faculty at CSU to stand behind us in our drive to change the world, one green roof at a time.

Thank you for considering to support our project.

Donations can be made in the Recreation Center Lobby or email csurooftop@gmail.com for more information.

FALL 2008 SCRAPBOOK

RIGHT
Dr. Keith
Kendig, 2008
Outstanding
Teaching
Award
Recipient



RIGHT
Dean Bonder with
Victoria Chmura, COS
Valedictorian



BELOW
Victoria Chmura and
Outstanding Seniors
Rebecca Riffle and
Zavinta Maleckaite



ABOVE
Dr. Julian Earls (former Director,
NASA Glenn Research Center)
delivers keynote speech at
McNair Scholars event

LEFT
Department Chairs scoop ice
cream at the Dean's List Ice
Cream Social



Photos courtesy of Tony "T-Fiz" Carter

