

Biology Department Newsletter

Volume 8 Number 11

April 5, 2005

Letter from the Editor

Greetings. I hope that you're enjoying the warm weather. I haven't – because it's been too warm for making maple syrup. I've spent lots of time at the sugar shack but sadly, we've made only a fraction of the syrup we normally. Although the season is not "officially" over, I am worried that there won't be too much more sap flow. Two ominous signs that syruping is over is when the ice goes out on the lake and the arrival of spring peepers. Time will only tell. In the meantime, don't delay visiting us at the shack because time is running out this season. We welcome visitors at the shack to volunteer, take a tour or just hang out.

The image shows one of our illustrious profs, Dr. S Toering, drawing syrup off our evaporator. The syrup is being filtered to remove precipitates called sugar sand.

As always, the newsletter is sent to all biology majors/minors, natural science majors and students in BIOL116. If you are in one of those groups you can't be removed from our mailing list. We also send the newsletter to folks who have requested, at one time or another, to be put on our mailing list. If you are in the latter group, you can remove yourself by [sending me an email](#) message.



Student News

Congratulations to **Steve Henle** (Biochemistry Major) and **Andrea Meuleners** (Jr., Biochem Major) who received a Mayo Summer Undergraduate Research Fellowship

Ben Rith-Najarian (SJU '05) presented a poster entitled, "Impact of exotic earthworms on soil properties in the St. John's Arboretum." Ben's work was done under the supervision of Dr. Saupe.

Sarah A. Young (CSB '01) reports that she is completing her last semester of classes in the pharmacy program at the University of Minnesota and will soon start clinical rotations.

Curt Coudron (SJU '03) reports that he is working as a Restorationist at Prairie Restorations, Inc., Princeton (MN)

John Compton (SJU '07) is studying in South Africa and reports that classes are going pretty well and that he is "trying to learn 'the click song' - it is in a native language called Xhosa and the real title is 'Igqirha Lendlala Nguqongqothwane.'" This is also the first line of the song. Now if you had trouble pronouncing that, you have

to also realize that in Xhosa whenever you have a c, q, or x you also make a clicking sound with your tongue! So now imagine a room full of Americans trying to sing that, make the clicking sounds, and keep the beat!" Aside from classes, our other regular activities are volunteering at Pendla Primary School and the House of Resurrection. He has visited the Storms River in the Tsitsikamma National Forest, taken a boat tour of Algoa Bay and saw lots of South African Black-Footed Penguins

Robert Koch (SJU '99) reports that he successfully defended my Ph.D. dissertation in the Department of Entomology, University of Minnesota. He has been evaluating the adverse impacts of the multicolored Asian lady beetle, particularly its impact on monarch butterfly populations.

Jessica Rosenberg (CSB '01) is currently an attorney at Briggs and Morgan where she works on intellectual property litigation.

A manuscript by **Donald Harris, Chris Bell, and Misty Retzlaff** along with Dr's. **S Toering, E Wurdak, and D Mitchell**, entitled, "Long term metabolic effects of a low-carbohydrate, high-fat, high-protein diet in *Mus musculus*: a nineteen week longitudinal study" was accepted for publication in the June issue of the *American Journal of Undergraduate Research*.

Faculty News

Dr. S. G. Saupe recently reviewed several chapters of a new textbook in Plant Systematics for Elsevier Press.

Curriculum News

Course Registration Time

Course registration is now in full-swing and students are meeting with faculty advisors. Don't forget to bring ATLAS Planner to your meeting with your advisor – it can be very helpful.

Good & Bad News

The bad news – registration for fall 2005 Anatomy and Physiology is now closed. This popular course will only be available to seniors. The good news – there are still plenty of other biology courses open.

Morality and Human Nature.

Dr. Charles Wright (Dept. of Philosophy) is teaching a course in the fall ('05) that may appeal to biology students. This course, "Morality and Human Nature," will consider human morality from three perspectives (evolutionary ethics, cultural evolution, and the traditional philosophical approach). This is an Honors course, but students need not be honors students - just students prepared for a challenge. The course will satisfy HMU core requirements as well as providing a gender flag.

Advisors for Pre-Professional Programs

Pre-Chiropractic	Ed McIntee
Pre-Dental	Manuel Campos, David Mitchell
Environmental Studies	Derek Larson; William Lamberts
Pre-Forestry	Stephen Saupe

Pre-Medicine	Manuel Campos, Dave Huber, Jeffrey Anderson, David Mitchell
Pre-Occupational Therapy Optometry	Manuel Campos, David Mitchell David Mitchell, Manuel Campos
Pre-Pharmacy	Ed McIntee
Pre-Physical Therapy	Julie Deyak, Scott Bierscheid, Don Fischer
Pre-Physician Assistant	Manuel Campos, David Mitchell
Veterinary Medicine	Ronald Henry
Forensic Science	Michael Reagan
Genetic Counseling	Michael Reagan

Finding an Academic Advisor in Biology

How and when do I find an academic advisor? In the spring of a student's first year, the registrar sends each student a card on which they need to obtain the signature of the faculty member whom they would like as their advisor. It is best to select an advisor who has knowledge in the area in which you are interested. Below is a list of the recommended advisors for various areas of interest.

Animal physiology:	Dr. Marcus Webster
Aquatic ecology:	Dr. Bill Lamberts
Biochemistry:	Dr. Ron Henry, Dr. Dave Mitchell, Dr. Mike Reagan
Botany:	Dr. Steve Saupe, Dr. Cheryl Knox
Cell Biology:	Dr. Mike Reagan, Dr. Elizabeth Wurdak
Conservation biology:	Dr. Gordon Brown
Cytology:	Dr. Elizabeth Wurdak
Dental School:	Dr. Mani Campos, Dr. Dave Mitchell
Developmental biology:	Dr. Jeanne Marie Lust
Ecology:	Dr. Gordon Brown, Dr. Jim Poff
Electron microscopy:	Dr. Elizabeth Wurdak
Entomology:	Dr. Jim Poff
Environmental Studies:	Dr. Bill Lamberts
Evolutionary Biology:	Dr. Phil Chu, Dr. Chuck Rodell
Field Biology:	Dr. Jim Poff
Forensic Science:	Dr. Mike Reagan
Forestry:	Dr. Steve Saupe
Genetic counseling:	Dr. Mike Reagan
Genetics:	Dr. Chuck Rodell
Geology:	Dr. Larry Davis
Graduate school:	Dr. Gordon Brown, Dr. Bill Lamberts, Dr. Jim Poff, Dr. Chuck Rodell, Dr. Cheryl Knox
Human physiology:	Dr. Mani Campos, Dr. Marcus Webster
Histology:	Dr. Elizabeth Wurdak
Immunology:	Dr. Ron Henry, Dr. Ellen Jensen
Medical School:	Dr. Mani Campos, Dr. Dave Mitchell

Microbiology:	Dr. Ron Henry, Dr. Ellen Jensen
Molecular biology:	Dr. Mike Reagan, Dr. Cheryl Knox
Mycology:	Dr. Steve Saupe
Occupational therapy:	Dr. Mani Campos
Optometry:	Dr. Mani Campos, Dr. Dave Mitchell
Organismal biology:	Dr. Phil Chu
Paleontology:	Dr. Larry Davis
Physician's Assistant:	Dr. Mani Campos
Physiology:	Dr. Mani Campos, Dr. Marcus Webster
Phytochemistry:	Dr. Steve Saupe
Plant Physiology:	Dr. Steve Saupe, Dr. Cheryl Knox
Pre-Health Careers:	Dr. Mani Campos, Dr. Ron Henry, Dr. Dave Mitchell, Dr. Mike Reagan
Veterinary medicine:	Dr. Ron Henry
Virology:	Dr. Ellen Jensen
Wildlife management:	Dr. Gordon Brown

Calendar of Events

Apr 2	St. John's Maple Syrup Festival; 1 – 4 pm
Apr 3	College of Veterinary Medicine Open House, UM
Apr 7	Plant Pathology Seminar – Univ. of Minnesota
Apr 9	Avon Hill Initiative Conference, St. John's (<i>all day</i>)
Apr 12	Biology Dept Seminar: "Analysis of serine proteases from <i>Lumbriculus variegates</i> "
Apr 13	Pathways to Bioscience
Apr 13	Student Worker Appreciation Carnival; Br. Willie's Pub; 3 – 5:30 pm
Apr 13	Fen & Wetland Restoration Conference
Apr 16	Honors Thesis Defense: "Long Term Metabolic and Health Effects of a Low-Carbohydrate, High-Fat, High-Protein Diet in <i>Mus musculus</i> : A Nineteen Week Longitudinal Study" by Donald Harris; ASC 104, CSB.
Apr 16	Scholarship & Creativity Day, CSB/SJU
Apr 19	St. Cloud State Research Conference
Apr 20	"Nature Around Us" – Jeff Latzka, Audubon Society
Apr 21	Honors Thesis Defense: "A Study of Pollen Dispersal Models" Nicholas McClure, Mathematics; 9:30 a.m.; Alumni Lounge, SJU
Apr 28	"Summer Wildflowers" - 7:00 pm, PENGL 373
May 7	Reception for Graduating Seniors; ASC
May 8	Reception for Graduating Seniors; PENGL
May 16	Anthropology, Biology, Religion Presentation

Biology Club News

- Co-presidents: Jen Tarmann, Jeremy Eisenschenk, Ryan Kroschel (spring)
- Treasurer: Lindy Watanaskul
- PR-Secretary - Jake Theis

Scholarships/Graduate Study

College of Veterinary Medicine – Open House

Sunday, April 3, 11 a.m. – 4 p.m.; U of MN – St. Paul Campus (1365 Gornetner Ave.).

For additional information:

<http://www.cvm.umn.edu/newsandevents/events/openhouse.html>

E-Scholars Program

Interested biology? Starting your own business? Entrepreneurship? If so, the E-Scholars program is for you. For more information contact Terri Barreiro, McNeely Center for Entrepreneurship; 350 Simons Hall; 320-363-2373

Links for Scholarships/Grants/Fellowships for Graduate Study

- [CSB/SJU Career Services Links](#)
- [CSB/SJU External Scholarship Program Office](#) - HAB 103
- [The American Chemical Society Scholars Program](#)
- [Graduate School Tips](#) - some useful graduate school resources for students.

Jobs/Volunteer

Career Event: “Pathways to the Biosciences”

On Wednesday, April 13th, 2005, at the Science Museum of Minnesota (St. Paul), the Career Resource Center at CSB/SJU, in conjunction with the other schools in the Minnesota Private College Consortium will sponsor a program to help students learn about the possibilities in various bioscience career fields. The program begins at 3:30 and runs until about 7:00 pm. Parking will cost them roughly \$1/hour, and they have free admission to the Science Museum that day if they are interested. There will be a \$5 registration fee for this event. There is a strong likelihood that Gov. Tim Pawlenty will give a brief intro to the group at 4:00, as he has a strong interest in the biosciences. For more information contact Kirsten Cahoon, Personal and Professional Development Center at St. John's University/College of St. Benedict. Register by Wednesday, April 6th at CSB Career Services (CSB Students), Academic Services Building or SJU Career Services- Mary Hall 25 (SJU students). Sponsored by the MN Private Colleges Career Consortium

GreenWorks - Online Job Board for MN Employment

Looking for horticulture, landscaping, gardening, or other green industry positions? The answer: GreenWorks - Online Job Board. These online job listings include both full time and seasonal positions available throughout Minnesota. Each listing is posted by an MNLA member and includes a job description and contact information for the employer. To view postings, visit the MNLA website: www.GardenMinnesota.com and click on GreenWorks - Online Job Board, Select the

area code in which you'd like your job to be located, Click the "Find Jobs" button and...away you go!

Seasonal Botanists - Chequamegon-Nicolet National Forest (WI)

The primary duty of these positions will be to conduct rare plant surveys and report the results. Surveys will include a variety of habitat types, but the emphasis will be on upland forests. Target rare species for the Forest are found on the R9 RFSS (Regional Foresters Sensitive Species) plant list which can be found at http://www.fs.fed.us/r9/wildlife/tes/tes_lists.htm. For questions about the duties and locations please contact: Steve Janke, Plant Ecologist, East Zone; Chequamegon-Nicolet National Forest; 15085 State Road 32; Lakewood, WI 54138; (715) 276-6333; sjanke@fs.fed.us.

Mussel Research Position

The Minnesota Department of Natural Resources will be filling at least one student intern position to assist with endangered mussel propagation, reintroductions, monitoring, and surveys. The position(s) will be based in St. Paul, Minnesota, but will travel statewide. The intern will assist DNR Malacologists with ongoing efforts to establish new endangered mussel populations in the Mississippi River, and monitor significant mussel communities in select rivers in Minnesota. Start date for this position is flexible, but is expected to begin May 1 (if possible) and continue to at least September 1, and possibly extending through mid October (contingent on funding). To apply: Send a letter of interest, copy of transcripts, and a resume including at least 2 references to: Bernard Sietman; Minnesota Department of Natural Resources; Division of Ecological Services; 500 Lafayette Road, Box 25; St. Paul, MN 55155-4025; Phone: 651-282-2509 Fax: 651-296-1811; bernard.sietman@dnr.state.mn.us

Campus Campaign Manager - Teach For America

Teach For America seeks undergraduates of all racial and ethnic backgrounds and academic majors to apply for the position of Campus Campaign Manager. The Campus Campaign Manager works with Teach For America's recruitment team to create and implement an ambitious recruitment campaign to recruit talented and diverse college seniors to apply to Teach For America and raise Teach For America's general visibility on campus.

Teach For America is building the movement to address the achievement gap that exists between children growing up in low-income and high-income areas by rallying our nation's most promising future leaders to commit two years to teach in urban and rural public schools. Since 1990, Teach For America has grown into a \$38 million organization with over 300 full-time staff members and 3,000 corps members teaching in 22 urban and rural regions across the country. Our 9,000 alumni are starting schools and nonprofit organizations, advising lawmakers on policy and social issues, providing healthcare and public health education in low-income communities, and marshalling the resources of major corporations and law firms to effect social change. Recognized for its measurable results and strong operating principles, Teach For America has served as a model for other non-profits and has been the subject of documentaries that have aired on PBS and CNN.

The Campus Campaign Manager, in collaboration with Teach For America recruitment staff, will develop and execute a detailed strategic plan aimed at inspiring top students to apply for the 2006 corps. The average time commitment is

approximately 7 - 10 hours per week but may vary throughout the recruitment season.

To apply, please submit a resume and cover letter explaining your interest in and qualifications for this position via e-mail or fax to: Crystal Brakke; Recruitment Director; Teach For America; p: 612-824-1353; f: 212-279-2081; crystal.brakke@teachforamerica.org.

Web Sites:

- [CSB/SJU Career Resources Office](#)
- [CSB/SJU E-Link](#)
- [CSB/SJU Financial Aid](#)
- [CSB/SJU Student Employment](#)
- [SELT](#)
- [Science Jobs](#)
- [MN - DNR Volunteer Activities](#)
- [Careers in Botany](#)

Internships/Research

Lake Vegetation Survey Internship

The Minnesota DNR is seeking applicants for 1-2 summer internship positions to assist DNR staff with vegetation surveys of lakes throughout Minnesota. Primary responsibilities will include collecting and recording information on the distribution and abundance of aquatic plant species. Other tasks may include water quality sampling, field equipment preparation and maintenance, data entry, map production and plant specimen preservation. Application deadline is April 6, 2005. For more information contact: Donna Perleberg, Aquatic Plant Ecologist; Minnesota DNR Ecological Services Division; 1601 Minnesota Dr., Brainerd, MN 56401; phone: (218) 833-8727; email: donna.perleberg@dnr.state.mn.us.

R&D Systems Internships

R&D Systems is offering 13 paid internships this summer. These are 11 week internships at their northeast Minneapolis location and will run from the first week of June through August 19. As one of the "The 200 Best Small Companies in America" listed in Forbes magazine for 9 of the past 10 years, R&D Systems develops and manufactures purified cytokines, antibodies, assay kits, and other kits and reagents for sale to research laboratories. For more information about R&D visit the company website: <http://www.rndsystems.com/>. Eligible students will have at least junior or senior standing; have declared their major in a biological science, chemistry or a related field; and will hold a GPA of 3.0 or better in their major courses. Complete descriptions with application information are available at the company's website: http://www.rndsystems.com/asp/j_current.asp and in paper copy at the Career Resource Centers on either campus. The application deadline is April 1st.

Register in CUR Database.

The Council on Undergraduate Research is a non-profit organization that supports undergraduate research opportunities for faculty and students. CUR believes that faculty members enhance their teaching and contribution to society by remaining active in research and by involving undergraduates in research. CUR's leadership

works with agencies and foundations to enhance research opportunities for faculty and students. One such program is the Registry of Undergraduate Researchers.

The purpose of this registry is to facilitate matchmaking between undergraduates with research experience who wish to pursue an advanced degree and graduate schools seeking high quality students who are well prepared for research. Currently the Registry is open to students and graduate schools/employers in nearly all the fields of science that are supported at NSF.

The undergraduate registry can be accessed at www.cur.org/ugreg. There is no charge to you to register. When you register you will provide information about your disciplinary interest, geography preference, research experience, theses, transcript information, and test scores. Your information is only supplied to the graduate schools and corporations that contract with CUR for this service. Organizations or companies seeking your information for other marketing purposes will not be granted access. The institutions that do receive access to your information will use your information in their recruitment process.

Dr. S. Stelzner, CSB/SJU Director of Research reports that Dr. Baenninger, CSB President, will host a pizza party in the president's house next fall for all class of 2006 CSB/SJU students who register in this database!

Conservation Science Intern - Millennium Seed Bank Project

The intern will assist with our tallgrass prairie seed banking project, gain experience in applied research on the biology, ecology, and evolution of threatened native habitats, and learn a variety of field, greenhouse, and laboratory techniques. This is a six-month paid internship is available for an individual with a Bachelor's degree in biology, botany, ecology, or a related major and a commitment to conservation and restoration of native plants. Applications will be reviewed starting March 15, 2005. The salary is \$8.16 per hour. Start date is negotiable between May 31 and June 30 2005. For further information and application materials please visit:
<<http://www.chicagobotanic.org/internship/index.html>>

CSB/SJU Internship Policies: Summer 2005

Registration for Internship forms for summer internships are due to the Internship Office by 4:00 P.M., Friday, April 29 with all the required signatures, excluding the Director of Internships. Students registering for internships are REQUIRED to attend a Legal and Professional Issues session in April. Students taking May Term classes are REQUIRED to register for their internship before the start of May Term. Faculty moderators who will be away from campus in May should sign all registration forms for their interns before leaving campus. An internship that begins and ends during the summer is considered a summer internship and must be registered as a summer internship. For more information, contact Julie Christle (jchristle@csbsju.edu) in the Academic Services Building, CSB, Phone: 320-363-5799.

Integrated Ecological Research at Bradley University

Bradley University in Peoria, IL is recruiting six undergraduate students to participate in a 10-week intensive summer research experience in ecology. REU students will be provided on-campus housing and will receive a stipend of \$3500 and a \$1000 meal allowance for the 10-week period. Additional information and an online application are available at: <http://www.bradley.edu/academics/las/bio/reu2005.html> or by contacting Kelly McConaughay at 309-677-3020 or kdm@bradley.edu.

Conservation Internship Announcement

ATA is now accepting applications for Summer Interns to work at Arnold Air Force Base near Tullahoma, Tennessee. ATA's Conservation Internship offers graduate and undergraduate internships for students educated in Biology, Botany, Forestry, Wildlife Management, Environmental Studies, or related fields. This program is designed to be a mutually beneficial experience that provides a practical, transitional learning environment for students considering Conservation Biology related fields as a career. Interns will be directly involved in surveys and monitoring of rare species, and vegetation and animal communities; mapping and site-boundary marking; invasive plant removal, photo monitoring in ecological restoration sites; bird banding; curation of herbarium species, and literature review. For more information contact John W. Lamb; Wildlife Ecologist; ATA Conservation; 1103 Avenue B; Arnold Air Force Base, TN 37389-1800; Phone: (931)454-5378 Fax: (931)454-5126; email: john.lamb@arnold.af.mil.

Internship Links

- [Internship program at the Minnesota Bureau of Criminal Apprehension.](#)
- [CSB/SJU Internship Office Home Page](#) (*New Internship Opportunities page; Environmental Internships; Science Research; Women's Issues*)

Links for Undergraduate Research at CSB/SJU

- [CSB/SJU Career Resources Office](#)
- [Honors Thesis web site](#)

Links to Summer Research

- [CSB/SJU Career Resource Office Links](#)
- [University of Minnesota Summer Undergraduate Research](#)
- [BioInformatics Summer Research Program - UM](#)
- [Summer Research Interns – Gundersen Lutheran Medical Foundation](#)
- [Roswell Park Cancer Institute](#)
- [NSF Summer Research in Ecol & Evol Biology \(REU\) - Univ. Kansas](#)
- [U of Wisconsin - Summer Research Program in Biology.](#)
- [Baylor College of Medicine Summer Research Program](#)
- [Berry College Research Experiences for Undergraduate \(REU\) Program](#)
- [Mote Marine Research Lab](#)

Seminars/Symposia/Field Trips

Biology Department Seminars

(All seminars are at 4:00 PM in PENGL 373 unless otherwise specified)

April 12	Dr. Kay Tweeten (Coll of St. Catherine)	"Analysis of serine proteases from <i>Lumbriculus variegates</i> "
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Maple Syrup Festival – April 2 from 1:00-4:00 pm

Join us for a festival celebrating the maple syruping operation at Saint John's. There will be tree tapping demonstrations, horse-drawn sap collection, educational talks,

sugar shack tours, and, of course, ice cream with maple syrup. The cost for members is just \$2, and children enter free. Cost for non-members, if you would like to invite friends, is \$6 for adults, and \$2 for children. Come for a little while or stay the whole afternoon! Pre-registering by emailing the Arboretum is encouraged, but not required. For more information, see our website at www.csbsju.edu/arboretum On Saturday, come to the registration table by the prep school parking lots, near the gate at the beginning of the old entrance road. From there a horse-drawn wagon will take you to the sugar shack.

Avon Hills Conference

On April 9 St. John's is hosting an Avon Hills Conference – there will be some good talks if interested (one on maple syrup should be really fantastic!). This is a day-long series of informational sessions of interest to land-owners and residents of the Avon Hills will be offered on various technical and natural history topics. Sample sessions include: Conservation District Overlay Zoning, Prairie Restoration, Conservation Easements, Natural History of Maple Syrup Production, Cluster Developments in Stearns Co., Wind Energy in Avon Hills, Developing Land for Profit & Conservation, Carnivores in Avon Hills. The day will culminate in a round table discussion with area county commissioners and government officials answering questions regarding smart growth in the Avon Hills. Appended is a brochure about the conference. For more information, contact Sarah Gainey in the St. John's Arboretum. A copy of the brochure follows.



Avon Hills
registration brochure

Plant Pathology Symposium - University of Minnesota (Twin Cities)

The Plant Pathology department at the University of Minnesota will hold a symposium entitled "The Role of Plant Pathogens in Natural Ecosystems" on April 7, 2005. There is no charge. For more information, [visit their website](#) or contact [Senia Vetter](#).

Celebrating Scholarship & Creativity Day

Our annual day to recognize scholarship and creative activity will be held on Saturday, April 16. You are encouraged to participate to share scholarly/creative work might be the result of coursework, an ILP, a senior project, an honors thesis, or any other academic effort that has led to accomplishments you would like to recognize. Abstracts must be submitted by April 1, 2005 to Dr. S Stelzner (Psychology Department).

Summer Wildflower Presentation

On April 28th at 7:00 pm in PENGL 373 there will be a slide-illustrated presentation featuring summer wildflowers of Minnesota. This presentation is jointly sponsored by the Biology Department and central Minnesota chapter of Wild Ones – Natural Landscaping organization.

SCSU Undergraduate Research Colloquium

The St. Cloud State University Undergraduate Research Colloquium is Tuesday, April 19. The deadline to indicate an intent to present at the colloquium is Tuesday, February 1. Abstracts must be submitted by Tuesday, March 1. A brochure on the

event is attached, and the web site appears below. For more information, visit the [SRC website](#):

Van Huyssteen to Talk on Anthropology, Biology, and Religion

Contemporary paleoanthropology focuses on those characteristics that seem to make the human species different from other closely-related species. The Christian faith also has a long and complex history of maintaining that humans are uniquely created in the image of God. Are theologians and scientists talking about the same issue? Dr. J. Wentzel van Huyssteen, James I. McCord Professor of Theology and Science at Princeton Theological Seminary will speak at 8 pm on May 16 in Quad 264.

Central Minnesota Audubon Society

The Central Minnesota Audubon Society meets on the 3rd Wednesday of the month in the Unitarian Fellowship Building in St. Cloud (south of Walmart, [click here for directions and more info](#)). Everyone is invited to attend Audubon meetings. If you need a ride to this, or other, Audubon program, contact Dr. S Saupe. CMAS presentations for the remainder of the semester include:

Apr 20	"Nature Around Us" – Jeff Latzka
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Long Term Management and Restoration of Hillside Slope Wetlands, with Emphasis on Calcareous Fens.

This conference will be held April 13, 2005, 9am-4pm at Mayo Civic Center - Grand Ballroom Rochester, MN. As growth expands into the hillside slope areas of SE Minnesota, special care must be taken to protect wetland complexes of sedge meadows rich fens and calcareous fens. These wetlands benefit water quality and harbor rare plant species, provide wildlife habitat and provide aesthetic value. Development plans must protect them and advance consideration must be given to the long-term management of this important natural resource.

Residents, landowners, developers, consultants, elected officials, and agency staff all have a role in insuring the long-term viability and function of this unique community asset. Learning about the long-term care needs of hillside calcareous fen wetland complexes will be the focus of this forum.

All participants will be invited to share their related ideas and experiences. Attendees will receive the technical proceedings and guidance documents following the event. For workshop information contact: Dr. Jeanette H. Leete (651)296-0433; Email: jeanette.leete@dnr.state.mn.us

Miscellaneous

Culling Cormorants

The MN DNR and US Fish & Wildlife are seeking comments about their plan to cull cormorants on Lake of the Woods. If you are interested in this issue, check out the article that appeared in the March 20, 2005 edition of the *St. Cloud Times* (and surely other sources). Forward your comments soon to the MN DNR or US Fish & Wildlife Service.

Reception for Graduating Seniors

Graduating seniors and their family/friends are invited to a reception to be held after both the CSB and SJU graduation ceremonies. The CSB reception will be held immediately after the ceremony in Ardolf Science Center and the St. John's reception will be held in Peter Engler Science Center.

Millennial Generation Project

Bob Filipczk, CSB/SJU Admission Web Coordinator, and a coworker are conducting research about the Millennial generation and their work habits, attitudes, etc. They are seeking students to complete an online survey at <http://www.surveygen-y.com/>. They are offering five \$10 Amazon gift cards as part of a drawing for those who fill out the survey.

Norovirus Outbreak

By now, everyone is familiar with the norovirus outbreak that hit our campus. The Health Department concluded that the source of was person-to-person contact and not from contaminated food or water. Cleaning schedules of bathrooms and other public areas were increased to help prevent the further spread of this illness. One of the best ways to prevent the spread of any illness is to adhere to strict hand-washing practice. Hand-washing for 20-30 seconds with warm water and soap was recommended as the single most important procedure for preventing the spread of infection. Now that the infection seems to have run its course, don't stop this valuable practice.

Security Issues.

There has been an increased rash of thefts on campus. Be sure to lock up and watch your personal belongings.

Hornworm Escape Foiled

Presumably as a joke, a student in Concepts (BIOL116) stole some of the tobacco hornworm larvae from lab and put them in a friend's dorm room. This was an extremely serious action because the animals are federally regulated because they are considered pests. Thus, we must account for every individual animal. Fortunately, all the animals were recovered and except for some sleepless nights and hair loss, there was no major harm done. However, if the larvae hadn't been found it could have had very serious repercussions for the department. It is especially discouraging that the student took the animals after being told by his teaching assistant that it was a serious offense. The take-home-message from this story is that violations of safety and security policies in the Biology Department will be dealt with quickly, professionally and strongly.

News from the Melancon Greenhouse

The CSB/SJU Biology Department Greenhouse is located in the SE corner of PENGL and is open daily from about 9 - 4.

News from the CSB/SJU Bailey Herbarium - by Stephen Saupe

Remember, the herbarium is always open from about 8 - 5 daily and is open to anyone to study, relax and/or use the networked computer.

Web Sites Worth A Visit

- [Science On-Line](#)
- [Nature \(online 1997 – current\)](#)
- [Scientific American Archive](#) (*we now have access to this magazine online*)
- Frog Calls <<http://www.midwestfrogs.com/>> The peepers will soon be peeping; check this site out its neat.
- NPLichens – a web site developed by Clifford Wetmore (St. Paul, MN) and Jim Bennett (Madison, WI) – retrieve info about known from any of National Parks <www.ies.wisc.edu/nplichen.>

Puzzler of the Week

(Do you know any good puzzlers? Please send us your ideas.)

New Puzzler

Why are plants that are grown outdoors usually taller and more spindly than the same plant grown in a greenhouse – even if they receive the same amount of light, nutrients, water, etc?

To enter the competition, simply send your answer to Dr. S. Saupe via [email](#) or snail mail (c/o Biology Department, St. John's University, Collegeville, MN 56321), campus mail, or simply slide the entry under my office door, SC335). The winner will be selected randomly from among the correct entries. The winner will receive an official CSB/SJU Bailey Herbarium Magnet. Entries are due April 20, 2005.

Joke of the Week

(Have you heard any good jokes? Please share them with us.)

How is duct tape like The Force?

*It has a dark side, a light side, and it holds the universe together.
(thanks to Dr. M Webster for submitting this gem)*

Rules For Cutting Your Own Firewood

1. Park twice as far from the tree as the tree is tall.
2. Notch the tree away from the truck.
3. Always borrow your buddy's truck.



Frequently Asked Questions

none submitted

For more information, contact:

[Dr. Stephen G. Saupe](#)

Professor & Herbarium Curator

Biology Department

College of St. Benedict/St. John's University

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