

CSB/SJU Biology Department Newsletter

Volume 1 Number 1

April 16, 1998

Hi.....this will hopefully be the first in a regular series of communications that I plan to send to students who have listed biology as a major or minor program of study. If you know anyone else who would like to be included on the mailing list, have them contact me. The purpose of this newsletter is to keep you informed about departmental activities. I encourage you to submit to me items to be included in future editions. Future issues will be set up like this one, though some categories may be deleted or added as appropriate, and it is likely that there won't be entries for every category. I encourage submissions by email, snail mail, phone (x2782) or fax (x3202). I plan to send the newsletter out every Monday. If you want something included, please send it to me by Sunday at 10:00 pm. I welcome feedback about this newsletter. The newsletter will exist only in email form - we won't issue a hardcopy. I hope that we will be able to archive old issues on the departmental website.

1. Message from the Chair - This section will contain a brief "editorial" note. The topic will vary considerably - whatever I happen to be thinking about at the time I sit down to write.

2. Achievements - this section will feature student achievements. Awards, job offers, acceptance to medical or other graduation programs will be among the included items. Please submit items for me to include.

3. Faculty News - this section will highlight faculty activities, including publications, conferences, and presentations.

4. Curriculum News - this section will describe any items of curriculum interest.

Comparative Anatomy (BIOL320) - there is a mistake in the course bulletin. This course will be offered on even days, during BOTH periods I AND II, from 8:00 - 10:50 am.

5. Biology Club News - items of interest from the BioClub.

6. Calendar of Events - listing of seminars and other items of interest.

April 15 - Seminar by Dr. C. Asleson - molecular biology of yeast.

April 16 Registration Begins

April 20 Seminar by Dr. P. Chu - bird phylogeny (4:10 pm, SC 343)

April 24 Seminar by Dr. N. Klein - West Indies birds (4:10 pm, SC 343)

April 20 Alternative Ride Week begins

May 7 Ms. Shellie Kieke, CSB Alum, will speak about graduate school and her research

May 8 Registration ends

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April 23 Sean Knowles - osmotic pressure thesis

April 23 Shana Vifian - finch thesis

April 25 Stephanie Eckerman - chemical ecology of fungi thesis
April 25 Jennifer Loos - frog thesis
April 28 Tony Baumert - rotifer thesis
April 29 Maggie Price - bee thesis
April 29 Noah Whiteman - wasp thesis
May 7 Ms. Shellie Kieke, CSB Alum, will speak about graduate school and her research
May 8 Registration ends

7. Internships/Scholarships/Jobs - news related to possible opportunities

Internship available with the Minnesota Project. Summer 1998. For more information, contact Dr. E. Diedrich (Economics Department, 3518) or Lola Schoenrich at the Minnesota Project, (800) 366-4793. To apply, send a resume and cover letter telling what attracted you to the job. Deadline for applications is Tuesday, April 28th.

The University of Minnesota Extension Service will have 16 new field staff positions from the newly funded "Sustaining Minnesota's natural resource based industries" initiative. These positions will cover a range of needs such as alternative crops systems, tourism, private forest lands and shoreland vegetation in northern Minnesota; agricultural drainage and swine business management in southern Minnesota; individual sewage treatment systems, urban land use planning and two new programs for new immigrants. For more information, contact the Personnel Office, U of M Extension Service, 260 Coffey Hall, St. Paul, MN 55108. 612-625-1794; Email: mbandow@extension.umn.edu.

The Minnesota Crop Improvement Association needs field inspectors starting in early summer. Inspectors will be responsible for conducting field inspections of crops to determine whether fields meet specified standards. MCIA provides training and supervision and positions vary throughout Minnesota. For more information, call the MCIA at 1-800-510-6242.

USDA Forest Service - Superior National Forest
Biological Science Technician, GS 0404-06, Postions No. 09094811
This position is located on a Forest Service unit where the incumbent performs plant surveys in support of the units Wilderness Management Program. Working knowledge of plant taxonomy and ability to identify rare, threatened, endangered and sensitive plant species in Northern Minnesota and their associated habitats. Complete description of duties, responsibilities, supervisory controls is posted outside 220 BioSciences. For more information on the application process, contact Gary Johnson, Human Resources, USDA Forest Service, Superior National Forest, 8901 Grand Avenue Place, Duluth, MN 55808-1102. Ph: 218-626-4333/fax: 626-4398.

11. Seminars and Symposia

The 49th Annual Meeting of the American Institute of Biological Sciences will be held in Baltimore, Maryland, August 2-6, 1998. Participating Societies: American Assoc. of Botanical Gardens and Arboreta, American Fern Society, American Society of Plant Taxonomists, Assoc. for Tropical Biology, Assoc. of Systematics Collections, Botanical Society of America, Ecological Society of America, International Society for Ecological

Modelling, and the Torrey Botanical Society. For more information, Email: mmaury@aibs.org or call 202-628-1500. Preliminary program is also posted on the Conference Board, 220 BioSciences.

8. Seminars/Lectures/Symposia - obviously, news about upcoming intellectual activities
Lot's of great Honors thesis presentations coming up:

Tony Baumert

"The Components of Feeding Behavior in the Rotifer *Asplanchna herricki*:
Attack, Capture, Consumption, Selectivity, and Trophi Morphology"
April 28th 4:30 Science 326

Eckerman, Stephanie Jo

"Using Chemical Ecology to Locate Novel Antifungal Compounds From Fungal
Sources"
April 25th (with Chemistry Dept. Presentations)

Sean Knowles

"Tolerance of Osmotic Pressure: *Escherichia coli* versus *Zymomonas mobilis*
4 pm Thursday April 23th, Scie 326

Jennifer L Loos

"The effect of an herbicide, atrazine, on the development of *Rana pipiens*, the
common leopard frog: A hematological study."
11 am Saturday 25th HAB 106

Mary Price "Bumblebee Pollination Ecology in a Restored Prairie Ecosystem:
Foraging Rates, Pollen Sources, and Resource Partitioning"
Wednesday April 29 4 pm Sci 213

Shana L Vifian

"The Effect of the Heat Increment of Feeding on the Costs of Thermoregulation
in House Finches, *carpodacus Mexicanus*"
2:40 Thursday 23rd

Noah Whiteman

"A Study of Morphological Character Displacement in the Social Wasp *Polistes
fuscatus*"
Wednesday April 29 5 pm Sci 213

Perry Regas -- "The Relationship Between Circadian Rhythms in Body
Temperature and Metabolic Rate of the House Finch "
to be scheduled

9. Miscellaneous - stuff that doesn't fit elsewhere

10. Frequently Asked Questions

For more information, contact:

Dr. Stephen G. Saupe
Chair & Professor
Biology Department

College of St. Benedict/St. John's University
Collegeville, MN 56321
(320) 363-2782; (320) 363-3202 (fax); ssaupe@csbsju.edu)