

Newsletter of the Consortium for Computing in Small Colleges

December 2001

PRESIDENT'S MESSAGE

Ingrid Russell
CCSC President

As I write this, many of you are very busy with the usual end of semester rush and madness. I want you to know that the CCSC board members have had a very busy time with many things going on. The Fall board meeting was held in Nashville November 1-2. Certainly there has not been a dull moment, with plenty of issues discussed and decisions to be made.

CCSC has grown significantly over the last few years, and with growth has come additional tasks associated with various positions. Being at risk of no longer being able to administer these positions through volunteers, and in an effort to avoid hiring paid staff to keep costs down, the board is considering simplifying and restructuring some of its operations. An additional benefit of this would be the ability to get new people into these positions with a reasonable transition.

The board is working on this simplification and restructuring in the areas of publications, finance, registration, and membership, in order to minimize workload associated with certain positions.

At the Fall board meeting, the board passed a motion that will allow the publications chair to appoint, in addition to the editor, associate editors and contributing editors as needed to delegate some of the work in that area. A web committee has been formed to oversee CCSC communication via the website. The committee will oversee the website design, structure and contents. Look for a redesigned site soon.

The responsibilities of the Finance committee have been expanded this year. The committee's charge is not only to recommend a budget for 2002-2003 but also to help us have a better understanding of our finances over the last few years. By looking over our finances, the committee should be able to see trends, problems, and ideas which should help us in considering long term planning for CCSC.

The board is currently considering a proposal for simplifying and restructuring our operations involving registration.

In addition, the board is working on ways to better support its regions and their activities and to create an infrastructure to support stronger communication between national and the regions. In particular, we are discussing the possibility of standardizing the procedure by which a region interacts with national. This should result in more efficient, more cost effective, and more harmonious interactions between national and the regions. At the same time, regions that have not had their own bylaws are currently working on creating them.

The board would also like to consider compiling a policies and procedure document to provide a more effective structure

than word-of-mouth passed from experienced members to new ones. In light of this, a review of the organization's bylaws and standing rules is also being considered.

With the national vendor program that was initiated last year, we are actively seeking sponsorships of several of our conference activities in an effort to keep costs down and conference registration low. We are excited that UPE, the computing sciences national honor society, has renewed its funding of student posters at CCSC conferences. Also, Microsoft has agreed to sponsor all CCSC regional programming competitions.

One last step that is currently being considered is that of removing the term "small" from our name while keeping the initials the same. Please note that no changes to the nature of the consortium are being considered—it is only a matter of a change in the name. The issue is one of finding a name that better reflects who we are now and which makes CCSC more inclusive of the many CCSC members who come from somewhat "larger" institutions, which are often universities. We will be seeking feedback via email from members on this issue.

The next board meeting will be held at SIGCSE-2002 in February and I am sure we will have a full agenda. And of course, as always the annual membership meeting will be held at SIGCSE. Please check the conference program for the meeting location. I encourage all members who plan to attend SIGCSE to attend the membership meeting and I look forward to seeing you in February.

Planning for the three spring conferences is now in full swing and I hope many of you will attend a spring conference.

As always, the CCSC board welcomes any feedback or suggestions that you may have. I wish you all a peaceful and happy holiday season.

MESSAGE FROM THE EDITOR

John G. Meinke
University System of Maryland
meinkej@acm.org

It's hard to believe that our series of Fall conferences has completed – five very successful conferences. This year was the first Consortium sponsored Eastern conference, and the Eastern conference committee did an excellent job. Those conference proceedings will be going out in January – something for you to look forward to.

This particular issue of the Journal is the joint proceedings issue for the Northwestern and Southeastern conferences, both very successful conferences. I know that you will enjoy reading this set of Proceedings, and will gain much that you can bring into your classroom.

Please check out the conference calendar below. Consider

submitting for one of our Fall conferences – four calls for participation are included here, and I expect that the Rocky Mountain call for participation will be coming out soon. You can always check out the Consortium web site (<http://ccsc.org>) to find the latest on each of the conferences.

It will quite obviously be a busy Spring – three very well planned conferences – and don't forget the Annual Meeting which will be in conjunction with SIGCSE in Covington, Kentucky, just across the river from Ohio!

I'd like to call your attention to the last page of this newsletter – the Treasurer's Report for the 2000-01 fiscal year is there.

So – lots of material in this newsletter – lots to look forward to in the New Year when it comes – hope to see you continuing to actively participate in Consortium activities. In the meantime, wishing you all the best for the holiday season and a wonderful 2002.

ANNUAL MEETING

The Annual Meeting of the Consortium for Computing in Small Colleges will take place in conjunction with the ACM SIGCSE Symposium in **Covington, Kentucky, The Southern Side of Cincinnati** in conjunction with SIGCSE 2002, **Friday, Friday, March 1, 2002, 6:00 pm**. Please check the SIGCSE final program for the location and any last minute changes. This is your opportunity to find out the State of the Consortium and to provide the Board with your direct input on direction for the Consortium over the next year. Participate in your organization!

CORPORATE SPONSORS

Scott/Jones Publishing is a small independent publisher, located in Half Moon Bay California. They are not a division of a larger corporate conglomerate. They are exclusive publishers of college textbooks in computer science and computer education. Scott/Jones offers authors a close, intimate, one-on-one working relationship. They desire to publish book and electronic media with innovative pedagogy for traditional courses, or traditional pedagogy for new course. We are happy to have Scott/Jones as a Corporate Sponsor of the Consortium for Computing in Small Colleges.

BOARD MEETING MINUTES

Board meeting minutes are available at the Consortium Web site (<http://ccsc.org/board/minutes/index.htm>). The minutes of the latest Board meeting held in Nashville, TN, in November should be available shortly. In the meantime, read minutes of previous meetings and give your reactions to Board members. The Board wants to be responsive to your needs and in what direction you feel that the Consortium should be moving.

CONFERENCE CALENDAR

February 27-March 3, 2002

SIGCSE 2002 will be held from **February 27 to March 3** in **Northern Kentucky - the Southern Side of Cincinnati**. While the Northern Kentucky Convention Center is brand new, the Cincinnati Marriott at RiverCenter is sparkling, and the views of the Cincinnati skyline (not to mention the Ohio River) are great, YOUR PARTICIPATION is what makes SIGCSE so special.

Check the SIGCSE 2002 homepage

<http://www.cs.cofc.edu/sigcse2002/>

SIGCSE has grown to the point where there will be three full days of technical sessions this year (Thursday-Saturday).

The tentative schedule can be found from the SIGCSE 2002 homepage, which also has details on local arrangements. The SIGCSE 2002 homepage will continue to add new information as time goes on, be sure to bookmark it on your browser and plan to check back often.

So make SIGCSE 2002 a part of your plans.

April 5-6, 2002

The ***Eighth Annual Consortium for Computing in Small Colleges: Central Plains Conference***, sponsored by the Consortium for Computing in Small Colleges in cooperation with the ACM Special Interest Group on Computer Science Education (SIGCSE), will be to be cohosted by Kansas City Community College and McPherson College at Kansas City Community College **April 5-6, 2002**.

The Central Plains Conference is designed to promote the exchange of information among small college personnel concerned with computer use in the academic environment. It is intended for faculty and students of computer science and related information technologies and applications, as well as administrators of academic computer facilities.

Submission Guidelines:

Papers, tutorial descriptions, and panel discussion descriptions are welcome. All accepted papers are to be presented at the conference and will be published in the conference proceedings. All participants must register for the conference.

Professional Papers:

Submit an e-mail version of the cover sheet (title, author's name, affiliation, address, and e-mail address), abstract and paper (maximum of 15 double spaced pages) with no identifying reference to self or organization to: Paul D. Wiedemeier, pdwiedemeier@email.ccis.edu

Deadline For Submission: (in WordPerfect, Word, Post-Script, rich text, or ASCII format via e-mail) extended to December 15, 2001

Panels and Tutorials:

Submit a cover sheet (title, author's name, affiliation, address, and e-mail address) and an extended abstract (2 pages) by e-mail to: Roger Von Holzen, rvh@mail.nwmissouri.edu
These abstracts will be published in the conference proceedings.

Professional Presentations:

Submit a cover sheet (title, author's name, affiliation, address, and e-mail address) and an extended abstract (2 pages) by

e-mail to: Ernie Ferguson eferguson@sbuniv.edu

These papers will not be refereed but the abstracts will be published in the conference proceedings.

Student Presentations:

Students may submit, by e-mail, a cover sheet (title, author's name, affiliation, address, e-mail address, and name of sponsoring instructor) and an abstract, with no identifying reference to self or organization to: Gary Ury,

garyury@mail.nwmissouri.edu by March 15, 2002.

Student Web Page Contest:

Students interested in participating in a web page contest for cash prizes should visit the contest web site (for rules and submission procedure) at:

<http://falcon.sbuniv.edu/ccscpc/contest>

Deadline for submission to the web page contest is March 1, 2002. Finalists will be notified by March 18. Finalists must be present at the conference on Saturday, April 6 in order to win (registration fee will be waived).

For further information on CCSC:CP 02 visit the CCSC web site at <http://www.ccsc.org> or email Bob Neufeld (neufeld@cs.mcpherson.edu) or Theresa Sullivan (scotti@toto.net).

April 12-13, 2002

The **13th Annual Consortium for Computing in Small Colleges: South Central Conference**, sponsored by the Consortium for Computing in Small Colleges in cooperation with the ACM Special Interest Group on Computer Science Education (SIGCSE), will be hosted by Texas Lutheran University in **Seguin, Texas, April 12-13, 2002**. Conference theme: Y2K + 2.

This conference is a useful, low-cost, regional forum for the exchange of ideas among computer-oriented educators. It provides opportunities for participants to discuss innovations and practices in areas such as pedagogy, curriculum issues, application of new technology, and trends in computer education as seen primarily in undergraduate computer science, computer information systems and information technology programs.

SUGGESTED TOPICS FOR PRESENTATION: Multimedia, WWW Issues (Ethical Use of Internet Resources, Internet Course Development, Web Development including DHTML, CGI, ASP, XML, Multimedia, etc., Innovative Approaches, Distance Learning, Support of Classroom Teaching), Course Content Issues (Graphical User Interfaces, New Approaches/Courses, Database, Graphics), Computer Uses Across the Curriculum (Varied Experiences in all Disciplines, Software Development and/or Use, Use of Computers in and to Support Teaching, Lab Use of Computers), Curriculum Issues (Computer Science, Information Technology, Information Systems, The First Course, Model Curricula), Lab Improvement, Paperless society (Barriers, Associated costs and Benefits, Training, Ethical Concerns), Wireless Campus, Looking Back At Y2K

Additional conference information is available at:

http://www.tlu.edu/Academics/Departments/Math_Computer/CCSC.html, E-Mail: bmusgraves@txlutheran.edu for further information. Please indicate if you would like to serve as a referee, session moderator, or would like to host a future conference.

April 19-20, 2002

CCSCNE 2002, The Consortium for Computing in Small Colleges sponsored **Seventh Annual Northeastern Conference** in cooperation with The Association for Computing Machinery Special Interest Group in Computer Science Education, hosted by **Worcester State College in Worcester, MA, April 19-20, 2002**.

Statement of Purpose

The CCSCNE brings together faculty, staff, and students from academic institutions throughout the Northeast for exchange of ideas and information concerning undergraduate computing curricula.

This conference provides an affordable regional forum for the exchange of information and ideas pertaining to the concerns of computing and computing curricula in a smaller academic environment. It will begin with an opening address by a keynote speaker on Friday at 1:00 p.m., include a Friday evening banquet and speaker, a Saturday luncheon, and conclude Saturday at 2:00 p.m. In addition to parallel paper sessions, the program will include pre-conference workshops, a pre-conference programming contest, tutorials, panels, student posters, a best paper award, and vendor displays.

Conference Chair: Karl R. Wurst, Worcester State College, (508) 929-8728.

Submission Instructions: Papers: Due Date: November 16, 2001. Authors are asked to submit papers for presentation at the conference. Papers will be refereed and those accepted will appear in the *Journal of Computing in Small Colleges*. See the conference web site for further details. Direct all questions to: papers@ccsne.org, Richard Wyatt, (610) 436-3230, William Taffe, (603) 535-2530.

Undergraduate Student Posters: Due date: December 14, 2001, Undergraduate students are invited to submit an abstract describing their research or project. Accepted abstracts will appear in the *Journal of Computing in Small Colleges* and students will present their work in a poster session. Prizes will be awarded. Limited funding will be available for selected poster presenters. See the conference web site for further details. Direct all questions to: posters@ccsne.org, Aparna Mahadev, (508) 929-8715, T. Andrew Yang.

Panels, Tutorials, Workshops: Due date: November 30, 2001.

Panels: please submit a detailed proposal (1-2 pages) including a description of the topic, a list of panelists, brief (2-3 line) biographies of the panelists, the panel format and, if feasible, position statements of the panelists.

Tutorials/Workshops: please submit a detailed proposal including a description (1 page) of the topic and its suitability, and a description (1 page) of the presenter's background on that

topic.

See the conference web site for further details. Direct all questions to: panels@ccscne.org, tutorials@ccscne.org, workshops@ccscne.org. Kathryn Sanders, (401) 456-9634.

Vendors: Vendors are invited to purchase display table(s) at the conference. Direct all inquiries to: vendors@ccscne.org. Paul Chiasson, (508) 929-8560.

Programming Contest: Entry deadline: March 1, 2002. A Computer Programming Contest for 3-person college teams will be held on Friday morning, April 19th. Space is limited and pre-registration is required. The computer lab will be available at 8:00 a.m. for teams to familiarize themselves with the equipment. The contest languages will be C, C++ and Java. Teams may use any or all of the languages and all programs will be doable in all languages. Rules will be similar to the ACM International Programming Contest rules. At 9:00, there will be a briefing on the contest rules and the computer system. At 9:30, the contest problems will be distributed. The contest will run continually until 12:30. Winners will be announced at the 1:00 welcome/keynote session. See the conference web site for further details. Direct all questions to: pgmcontest@ccscne.org. Frank Ford, (401) 865-2635

World Wide Web: <http://www.ccscne.org/2002/>

September 27-28, 2002

The Ninth Annual **CCSC Midwestern Conference** sponsored by the Consortium for Computing in Small Colleges will be held at **Indiana Wesleyan University** on **September 27 and 28, 2002**. The University is located approximately 50 minutes north of Indianapolis, Indiana. The theme of the conference year is Building Connections: Scholarship & Teaching in Small Colleges.

Conference Highlights include a keynote address, paper tracks, tutorials and workshops, and a special student research track. There will also be a conference banquet and luncheon, birds of a feather sessions, and vendor exhibits.

This conference is sponsored by the Consortium for Computing in Small Colleges (CCSC) for the Midwest region that includes eastern Indiana, Ohio, Michigan, western Pennsylvania and northern Kentucky. CCSC is a non-profit organization focused on promoting quality computer-oriented curricula as well as effective use of computing in smaller institutions of higher learning which are typically non-research in orientation.

The Consortium supports activities which assist faculty in making appropriate judgments concerning computing resources and educational applications of computer technology. Because departments in smaller colleges and universities are usually small and not highly specialized, the Consortium also encourages the sharing of expertise, effective curricula, and efficient technological applications.

The Consortium is concerned with the advancement of major programs in both Computer Science and Computer Information Systems, and with the use of computers in the Liberal Arts and Sciences. The conference program reflects the Consortium's

goals and accommodates the limited resources for travel associated with member institutions.

Paper, Panel, Tutorial and Workshop contributions are solicited on all topics in computing at small colleges, including but not limited to the topics below. Papers will be refereed and published in the *Journal for Computing in Small Colleges*.

Submission Guidelines

IMPORTANT DATES

Deadline for Paper Submissions – **March 18, 2002**

Deadline for Panel, Tutorial, and Workshop Submissions – **April 15, 2002**

Late Deadline for Student Submissions – **September 7, 2002**

Notification of paper, panel and tutorial acceptance – **May 10, 2002**

Deadline for final drafts & presenters' preregistration fees – **June 13, 2002**

PAPERS

Please submit 4 hard copies of the complete paper (up to 15 pages, double spaced, with 300 word maximum abstract) for blind review. Please make sure that your name and that of your institution does not appear in the paper or the abstract. Include cover letter with full paper title, name, address, and phone number of contact author. Send to: Robert Beasley, Dept. of Mathematics & Computing, Franklin College, 501 E. Monroe St., Franklin, IN 46131, rbeasley@franklincollege.edu ,

PANELS, TUTORIALS, AND WORKSHOPS

Panels and tutorials are presented in a 60-90 minute format. pre- and post-conference workshops in a 2-3 hour format. Please submit an extended abstract (2 pages hard copy), equipment requirements, and the list of participants to: Ann E. Fleury, Computer Science Program, Dunham Hall, Aurora University, 347 S. Gladstone, Aurora, IL 60506, afleury@aurora.edu

STUDENT PAPERS

These may be papers, tutorials, or workshops. Accepted submissions received by the March (papers) or the April (panels, tutorials, workshops) deadlines will be included in the published proceedings. Students wishing to submit late-breaking results may submit by the late deadline, September 7.

We regret that submissions meeting the late deadline cannot be published in the proceedings. Send to: Alyce Brady, Dept. of Mathematics and Computer Science, Kalamazoo College, 1200 Academy Street, Kalamazoo, MI 49006-3295, abrady@kzoo.edu For further conference information visit the conference web site, <http://www.ccsc.org/midwest/>

October 4-5, 2002

The **Fourth Annual** Consortium for Computing in Small Colleges sponsored **CCSC Northwestern Conference**, to be held at the **Seattle Pacific University, Seattle, Washington, October 4-5, 2002.**

The Northwest Regional Conference of the Consortium for Computing in Small Colleges is designed to promote exchange of information among small college personnel concerned with computer use in the academic environment. It is intended for faculty as well as administrators of academic computer facilities. Because personnel at small colleges often have restricted travel budgets, the scheduling of the conference is done with consideration toward minimizing costs.

Submission Instructions

Papers (Due date: March 15, 2002)

Authors are asked to submit papers for presentation at the conference. Papers will be refereed and those accepted will appear in the *Journal of Computing in Small Colleges*. Paper submissions should include a title page with abstract, name, address, phone number, and email address. The first page of the paper should start with the title and abstract. Names(s) of author(s) should not appear in the paper itself. Send one copy of the title page and four copies of the paper. Papers should be a maximum of 15 pages double-spaced and the abstract should be limited to 300 words. Papers should be submitted to the Papers Chair: Elaine Weltz, Department of Computer Science, Seattle Pacific University, Seattle, Washington 98119, eweltz@spu.edu (for inquiries only)

Panels and Tutorials (Due date: March 29, 2002)

Tutorial and panel discussion submissions should include a 2-page proposal, list of participants, and address, phone number, and e-mail address of contact author. Send proposals to the Panels & Tutorials Chair: Laurie Murphy, CSCE Department, Pacific Lutheran University, Tacoma, Washington 98447, murphylc@plu.edu (for inquiries only)

Student Poster Contest

Undergraduate students are invited to submit an abstract describing their research or project. A faculty sponsor is required. Students will present their work in a poster session and prizes will be awarded. See the conference web-site (www.nic.edu/ccsc) for further details.

Registration material will be available on the conference web-site and will also be mailed in August. If you are not currently on our mailing list but would like to be, contact the Registration Chair, Jerry Roth at roth@cps.gonzaga.edu

Further details on all aspect of the conference can be found on the conference web site www.nic.edu/ccsc.

October 18-19, 2002

The **Eighteenth Annual** Consortium for Computing in Small Colleges sponsored **CCSC Eastern Conference**, to be held at **Bloomsburg University, Bloomsburg, Pennsylvania, October 18-19, 2002.**

Format for Papers and Presentations

Speakers should plan on a 15 to 20 minute presentation focusing on the impact of computing in an academic setting. These time constraints will be strictly adhered to. This year, electronic classrooms with personal computers and projection devices will be available to presenters as will overhead and opaque projectors. An area will be available during the breaks for extended demonstrations involving computer programs, simulations, on-line accessing of databases and/or mainframes. As in the past, all papers for this Conference will be blind refereed by three referees. Accepted papers as well as Panel and Workshop abstracts will be published in the *Journal of Computing in Small Colleges*. Authors are encouraged to submit their papers electronically at the conference website:

<http://orgs.bloomu.edu/ccsce02>

Call for Papers

Submit a copy of the paper electronically at conference website - <http://orgs.bloomu.edu/ccsce02> or submit 4 copies of the full paper with a cover sheet specifying name, address, e-mail and phone of contact person to: CCSCE PAPERS, Dr. Amruth Kumar, Ramapo College of New Jersey, 505 Ramapo Valley Road, Mahwah, NJ 07430, Phone: 201 684 7712, FAX: 201 684 7919, E-mail: amruth@ramapo.edu

Deadline for Paper: March 18, 2002

Acceptance Notification: May 27, 2002

Deadline for Final Paper: June 28, 2002

Call for Panels & Workshops

Send detailed proposal for panel or workshop session including topic, overview, participants, and a cover sheet with name, address, and phone of contact person to: CCSCE PANELS/WORKSHOPS, Dr. Jennifer A. Polack-Wahl, Department of Computer Science, 1301 College Ave, Mary Washington College, Fredericksburg, VA 22401-5358, Phone: 546 654 1318, FAX: 540 654 2445, E-mail: polack@paprika.mwc.edu

Deadline for Panel Proposals: March 18, 2002

Decision by: May 27, 2002

Deadline for Final Abstract: June 28, 2002

Programming Contest

Send Programming team information by May 1, 2002 to: Dr. Curt Jones, Dept. of Mathematics, Computer Science, and Statistics, Bloomsburg University, Bloomsburg, PA 17815, Tel: 570 389 4500, FAX: 570 389 3599, E-mail: cjones@bloomu.edu

For Conference Information contact

Dr. Zahira Khan, Department of Mathematics, Computer Science, and Statistics, Bloomsburg University, Bloomsburg, PA 17815, Tel: 570 389 4582, FAX: 570 389 3599, E-mail: zkhan@bloomu.edu You may mail, fax, or e-mail the following information to obtain registration material in the summer of 2002.

Name, Institution, Address, City, Telephone, E-mail

