

Newsletter of the Consortium for Computing Sciences in Colleges

February 2003

PRESIDENT'S MESSAGE

Curt M. White
DePaul University

As the winter term rolls around for most of us, I would like to encourage you to attend a conference. You may choose one of the winter/spring regional conferences (Northeastern, Central Plains, South Central, or the in-creation Midsouth), or you may wish to attend ACM's SIGCSE Technical Symposium in Reno, Nevada. If you do attend SIGCSE, please don't forget to attend the CCSC Annual Business Meeting which will be held on Friday evening (February 21st) at 6:15. But whatever you decide, make sure you stop and talk to your fellow colleagues. It is my firm belief that the most enjoyable part of any conference is connecting with old friends and meeting new ones. If you see me, please say hello, and I will certainly do the same.

With regards to the Consortium, the board continues to work hard at making CCSC the best organization that it can be. Work continues on the new, online database which would allow the regions to do their own on-site registrations. And if things go as planned you may soon be able to pay for a conference using a credit card. We are also working towards stronger lines of communication between the board and the many regions. This stronger communication will provide the regions with more continuity between conferences, hopefully eliminating the need to constantly reinvent the wheel as old regional volunteers depart and new regional volunteers come on board.

So keep writing those papers, going to CCSC conferences, and remember, it is only ____ weeks until summer vacation!

CORPORATE SPONSORS

The Consortium is very happy to have the following companies as corporate sponsors. If you have the opportunity please thank them for their support of computing in teaching institutions.

Metroworks.....McGraw-Hill Higher Education
Microsoft.....National Computational Science Institute (NCSI)
Prentice Hall.....Scott/Jones Publishing
Holt Software Associates.....Pearson

BOARD MEETING MINUTES

Board meeting minutes are available at the Consortium Web site (<http://ccsc.org/>). The minutes of the latest Board meeting held in Bloomsburg, PA, in October are available at <http://ccsc.org/board/minutes/Fall02Minutes.pdf>. 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.

MICROSOFT TO SPONSOR PROGRAMMING CONTESTS

It was recently announced that Microsoft will sponsor future CCSC student programming contests.

UPE SPONSORS AWARDS

Upsilon Pi Epsilon, The International Honor Society for Computer Science, is currently sponsoring awards for the best student presentations at CCSC conferences.

CONFERENCE CALENDAR

March 28-29, 2003

The **First Regional** Consortium for Computing Sciences in Colleges sponsored **CCSC Mid-South Conference**, to be held at **Rhodes College, Memphis, TN, March 28-29, 2003**.

Statement of Purpose: The Mid-South Conference intends to provide a forum for the exchange of information in computing. It is aimed at college faculty, students, and other interested college personnel. We hope to provide a convenient meeting place for those who work and live in the lower Mississippi region of the country. We intend on becoming the eighth region to affiliate with the Consortium for Computing Sciences in Colleges and to hold a conference annually in the spring.

Registration Fee: Academic/Professional \$120 by 2/28, \$150 after 2/28, Students \$35 (Does not include conference proceedings.) Academic/Professional registration fee includes membership in CCSC for 2003-2004, the Friday evening dinner, the luncheon on Saturday, admission to all sessions, and one copy of the conference proceedings.

Conference Agenda

All conference proceedings will be held on the campus of Rhodes College in Memphis, Tennessee.

Registration: Friday 9:00 am - 4:00 pm; Logo contest: Friday 10:30 am - 12:00 pm; Opening Session: Friday 1:00 pm; Papers, Panels and Tutorial Sessions: Friday 2:30 pm - 5:15 pm; Banquet: Friday 7:00 pm; More Papers, Panels and Tutorial Sessions: Saturday 8:30 - 1:15 pm; Closing Luncheon: Saturday 1:30 pm

Further Information: Visit our web site at <http://www.ccsc.org/midsouth/>

April 11-12, 2003

The Consortium for Computing Sciences in Colleges sponsored **14th Annual South Central Conference** in cooperation with The Association for Computing Machinery Special Interest Group in Computer Science Education, hosted by **Millsaps College in Jackson, Mississippi, April 11-12, 2003**.

Conference Sessions: All sessions will be held on the Millsaps College Campus in Jackson, Mississippi.

For further information, visit the conference web site,

April 25-26, 2003

The **Ninth Annual** Consortium for Computing Sciences in Colleges sponsored **CCSC Central Plains Conference**, to be held at **Emporia State University, Emporia, KS, April 25-26, 2003.**

Conference Purpose: The Consortium for Computing Sciences in Colleges (CCSC) 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.

Guidelines: While the deadlines for submission of proposed Papers, Panels, and Tutorials has passed, Posters, and Web Pages are still welcome. All participants must register for the conference.

Student Papers and Posters: Abstracts for student papers and posters are to be submitted by e-mail to Gary Ury: garyury@mail.nwmissouri.edu.

Electronic submissions must include the following: (1) a cover sheet (paper or poster title, author names, affiliations, addresses, e-mail addresses, and name of sponsoring instructor) and (2) an extended abstract (two pages) with no identifying reference to self or organization.

All accepted student papers and posters are to be presented at the conference.

Deadline for Student Paper and Poster Submissions: March 14th, 2003

Student Web Pages: 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://www.studentwebcontest.com>.

Register online beginning January 2nd, 2003. Finalists must be present at the conference on April 26th, 2003 in order to win (registration fee will be waived).

For more information about the student web page contest, contact Scott Sigman: ssigman@sbuniv.edu.

Deadline for Student Web Page Submissions: February 2nd, 2003

Important Dates

Feb. 2nd, 2003 – Student Web Page Submission Deadline

Mar. 14th, 2003 – Student Paper and Poster Submission Deadline

Visit <http://www.ccsc.org/centralplains> for the latest conference information and steering committee

April 25-26, 2003

The Consortium for Computing Sciences in Colleges sponsored **Eighth Annual Northeastern Conference** in cooperation with The Association for Computing Machinery Special Interest Group in Computer Science Education, hosted by **Rhode Island State College in Providence, RI, April 25-26, 2003.**

Statement of Purpose: 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 plenary speaker on Friday at 1:00 p.m., include a Friday evening banquet, a Saturday morning speaker, a Saturday luncheon, and conclude Saturday around 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: confchair@ccscne.org, Frank Ford, Providence College, (401)865-2635, Rod Rodrigues, Rhode Island College (401) 456-9672

Vendors

Vendors are invited to purchase display table(s) at the conference. Direct all inquiries to: vendors@ccscne.org, Ingrid Russell (860) 768-4191, Paul Chiasson, (508) 929-8560

Programming Contest

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 registration fee of \$90 includes conference registration for the team members. A faculty sponsor is required and is encouraged to register and attend the conference. 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 All judging will be done objectively using sets of data meant to test all cases. 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 banquet. See the conference web site for further details. Direct all questions to: pjgcontest@ccscne.org, Tim Huang (802) 443-2431

World Wide Web: <http://www.ccscne.org/2003/>

October 3-4, 2003

The Tenth Annual Consortium for Computing Sciences in Colleges: **Midwest Conference** will be held at **Denison University on October 3 and 4, 2003.** Denison University is located in Granville, Ohio, approximately 40 minutes east of Columbus, Ohio.

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 Sciences in Colleges (CCSC) for the Midwest region that includes eastern Illinois, 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 Sciences in Colleges*.

Computing Education: Curriculum and course development issues in Computer Science and Computer, Information Systems, and in the development of student projects. *Emerging Technologies:* Technologies which are rapidly transforming the computing landscape, *Computing Research:* Research results and related activities. *College-Wide Computing Issues:* Classroom and laboratory use of computers in the various disciplines; the impact of computing technology on education; academic computing issues. *Student Research Projects:* We encourage students to submit papers, workshop, or tutorial proposals. Projects in any area of Computer Science may be submitted.

Submission Guidelines

IMPORTANT DATES: Deadline for Paper Submissions: **March 17, 2003**, Deadline for Panel, Tutorial, and Workshop Submissions: April 14, 2003, Late Deadline for Student Submissions: **September 12, 2003**, Notification of paper, panel and tutorial acceptance: **May 15, 2003**, Deadline for final drafts & presenters' preregistration fees: **June 13, 2003**

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 E. Beasley (rbeasley@franklincollege.edu), Dept. of Mathematics & Computing, Franklin College, 501 E. Monroe St., Franklin, IN 46131

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 (afleury@aurora.edu), Computer Science Program, Dunham Hall, Aurora University, 347 S. Gladstone, Aurora, IL 60506

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: Scott Thede (sthede@depauw.edu), DePauw University, 602 S. College Ave., Julian Center # A226, Greencastle IN, 46135

For further conference information visit the conference web site, <http://www.csc.org/midwest/>

October 3-4, 2003

The **Fifth Annual** Consortium for Computing Sciences in Colleges sponsored **CCSC Northwestern Conference** in cooperation with The Association for Computing Machinery Special Interest Group in Computer Science Education, will be held at the **Central Washington University, Ellensburg, Washington, October 3-4, 2003.**

The Northwestern Regional Conference of the Consortium for Computing Sciences in Colleges is designed to promote the exchange of information promoting quality computer-oriented curricula as well as the effective use of computing in smaller institutions of higher learning.

It is intended for faculty, students, and 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.

We are pleased to present this conference in cooperation with ACM and SIGCSE.

This year's conference will be held at Central Washington University located in Ellensburg, Washington.

First Call For Papers: *Paper submission deadline is March 14, 2003.* 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 Sciences in Colleges*. Papers should be a maximum of 15 pages double spaced and the abstract should be limited to 300 words. Paper submissions should include a title page with abstract, name, school, address, phone number, and email address. The first page of the paper should start with the title and abstract. The name and school of authors should not appear in the paper itself. **Tutorials:** 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.

Student Poster Session: 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.

Papers Chair: Elaine Wertz, Seattle Pacific University, ewertz@spu.edu

Panels & Tutorials Chair: Ken Blaha, Pacific Lutheran University, blahakd@plu.edu

Student Poster Chair: Sherry Yang, Oregon Institute of Technology, yangs@oit.edu

Some Suggested Topics:

Participation by faculty, staff, and students in computer science, computer engineering, computer information systems, management information systems, and other disciplines is encouraged.

Computer Education: New delivery methods, Fostering discovery learning, Use of computers in teaching, Web technologies, Multimedia use and training, Emerging technologies

Curriculum Issues: Curriculum 2001's effect on smaller colleges. Computer use across the disciplines, Preparing students for the current job market, Student research

Administrative Issues: Lab use with computers, Faculty/Staff workshops or seminars, Grants in small colleges, Faculty support services, Software development and/or use

Conference chair, Ed Gellenbeck, invites all to enjoy a great two days working together to promote quality undergraduate computer science education.

Further details on all aspect of the conference can be found at <http://www.ccsc.org/northwest/2003>.

October 17-18, 2003

The **Twelfth Annual** Consortium for Computing Sciences in Colleges sponsored **CCSC Rocky Mountain Conference** in cooperation with The Association for Computing Machinery Special Interest Group in Computer Science Education will be held at **Western New Mexico University, Silver City, NM, October 17-18, 2003.**

Watch the conference web site, ecarey.uvsc.edu/ccsc/ for details on the call for participation.

October 17-18, 2003

The **Twelfth Annual** Consortium for Computing Sciences in Colleges sponsored **CCSC Eastern Conference** in cooperation with The Association for Computing Machinery Special Interest Group in Computer Science Education will be held at **Montclair State University in Upper Montclair, NJ, October 17-18, 2003.** Watch the conference web site, www.ccsc.org/eastern/ for details on the call for participation.

November 7-8, 2003

The **Seventeenth Annual** Consortium for Computing in Small Colleges sponsored **CCSC Southeastern Conference**, to be held at **Georgia Perimeter College, Dunwoody, Georgia, November 7-8, 2003.**

The Southeastern Conference is a regional conference sponsored by the Consortium for Computing Sciences in Colleges and is designed to promote exchange of information among 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 teaching-oriented colleges often have restricted travel budgets, the scheduling of regional conferences of the CCSC is done with consideration toward minimizing conference costs.

The conference is held in cooperation with SIGCSE. Submitted papers are refereed, with the accepted ones being published in the

(ACM recognized) Journal of *Computing Sciences in Colleges*.
Conference Theme: "Computing in Support of Teaching".

Some Suggested Topics: Computer Education: Curriculum issues, Course development issues, Course content issues
Computer Use Across the Curriculum: Use of computers in teaching, Lab use of computers, Software development and/or use

Administrative Issues: Budgets, Sharing resources, Faculty support services, Faculty/Staff workshops or seminars, Long-range planning for computing

Submission Guidelines

Papers, student papers, tutorial proposals, and panel discussion proposal are welcome.

Note: Accepted papers are published in an ACM recognized, refereed journal, the *Journal of Computing Sciences in Colleges*.

Submission Deadlines Regular Papers: March 28, 2003; Student Papers: April 28, 2003

Send 4 blind* copies of entire paper, or extended abstracts of panels or tutorials, hard copy only, to: Dr. Laurie White, Computer Science Department, Mercer University, 1400 Coleman Ave, Macon, GA 31207

* no identifying reference to self or organization

Notification of Acceptance: May 13, 2003

Deadline for Final Drafts: June 16, 2003

Final drafts must be in WordPerfect or Word or clean ASCII format. Pre-registration fees for presenters are also due at this time.

Registration Information: Early Registration (by Oct. 24, 2003): Fees: Full registration - \$130, Student - \$25

On-Site Registration: Fees: Full registration - \$145, Student - \$25

The registration fee includes the conference banquet on Friday evening, the luncheon on Saturday, admission to all sessions, and one copy of the conference proceedings. Full registration also includes a one year membership in the Consortium. Student registration does not include the banquet, CCSC membership or proceedings. There will be additional fees for workshops.

Related Web Sites: *The Consortium:* <http://www.ccsc.org>, *The SE Region:* <http://cs.furman.edu/ccscse/>, *The Conference:* <http://www.gpc.edu/~ccsc2003/>

Student Paper Competition: Encourage your students to submit papers! Student papers must have original content. Presentations will be given on Friday afternoon, with awards at the Saturday luncheon. For more information, please visit the conference web site.

Student Programming Contest: For more information, please visit the contest web site.

Student Web Design Contest: The web design contest is sponsored in part by a grant from Upsilon Pi Epsilon. For more information, please visit the conference web site.