

informatics
College on
Simulation

INSTITUTE FOR OPERATIONS RESEARCH
AND THE MANAGEMENT SCIENCES

NEWSLETTER

Officers

President

John M. Charnes
School of Business
222 Summerfield Hall
University of Kansas
Lawrence, KS 66045-2003 USA
(785) 864-7591 fax (785) 864-5328
jmc@ku.edu
<http://www.cc.ukans.edu/~charnes>

Vice President/President Elect

Susan M. Sanchez
Operations Research Department
273 Glasgow Hall
Naval Postgraduate School
Monterey, CA 93943 USA
(831) 656-2780 fax (831) 656-2595
ssanchez@nps.navy.mil
<http://diana.or.nps.navy.mil/~susan>

Secretary/Treasurer

Russell R. Barton
Industrial & Manufacturing Engineering
The Pennsylvania State University
209 Leonhard Building
University Park, PA 16802 USA
(814) 863-7289 fax (814) 863-4745
rbarton@psu.edu
<http://www.ie.psu.edu/people/faculty/barton.htm>

Newsletter Editor

Stephen E. Chick
Department of Industrial & Operations
Engineering
The University of Michigan
1205 Beal Avenue
Ann Arbor, MI 48109-2117 USA
(734) 763-2238 fax (734) 764-3451
sechick@engin.umich.edu
<http://www-personal.engin.umich.edu/~sechick/>

Associate Editor

Shane G. Henderson
Department of Industrial & Operations
Engineering
The University of Michigan
1205 Beal Avenue
Ann Arbor, MI 48109-2117 USA
(734) 763-3459 fax: (734) 764-3451
shane.henderson@umich.edu
<http://www-personal.engin.umich.edu/~shaneioe/>

President's Message

The new year brings several important issues to our attention. Two of these affect simulation practitioners most directly.

The Modeling and Simulation Professional Certification Commission (MSPCC) is planning, and hopes to implement by June 2001, a certification program for modeling and simulation professionals. The inaugural certification will focus on defense-training simulation professionals. Subsequently, the implementation group plans to expand the program beyond defense training. This has to the potential to touch the lives of all college members in some way.

I feel that on the surface, the idea of certifying simulation professionals has some merit. The profession is affected negatively when simulation is misused, so a mechanism for mitigating such negative effects is desirable. However, the devil is in the details of the implementation, so careful planning is necessary to ensure success. A draft copy of the MSPCC report is available on our website at www.informs-cs.org/certification.pdf. This draft lists INFORMS as one of the relevant organizations with significant relationships to the MSPCC that would nominate individuals to serve on the certification board. But at this writing there is no official representative of the INFORMS College on Simulation included in the report.

If you would like to nominate someone (including yourself) to represent the College in this initiative or would just like to express your views on the certification process, feel free to contact any of the officers. You may also send your thoughts to Shane Henderson, shaneioe@umich.edu, for posting to the college email list. This has potential to be one of the most important issues ever faced by the college.

The second issue is the proposed amendment to the college bylaws that would eliminate the current requirement for a college business meeting to be held at the spring INFORMS meeting. The reason for the proposal is the change in format of the INFORMS meeting. While any INFORMS member may submit an abstract and present a paper at the fall meeting, the spring meeting is now limited to papers that have been accepted for presentation. Many college members—practitioners and academics alike—are reimbursed for travel expenses by the employers only if they present a paper at a conference. Thus, the probability of having a quorum of college members assembled at a spring INFORMS business meeting is diminished along with the number of attendees who present papers at the conference.

The issue at hand is the proposed amendment change to remove the requirement that we hold a business meeting in the spring. However, this does not preclude a meeting from being held if there is enough interest. This issue of the newsletter contains a ballot that you can use to cast your vote on the proposed change. You may also cast your vote by email, so please let us know by one of the means indicated on the ballot whether you approve or disapprove of the proposed amendment change.

I would like to see more practitioner participation in college activities. If you are a practicing member, please send me your thoughts on the above or any other issues that are on your mind. Also, if you would like to organize a session for the fall INFORMS meeting in Miami, or just want to present a paper in a college-sponsored session there, please contact Vice-President Susan Sanchez or me as soon as possible.

John Charnes, INFORMS-CS President

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Editor's Corner

A year ago the *Newsletter* began its migration to an electronic format. The newsletter continues to compile and distribute *INFORMS College on Simulation*-related information twice a year. For this process to continue to work well, I encourage all members to keep their email addresses up-to-date. The most recent email list is available at <http://www-personal.umich.edu/~shaneioe/cos/email.htm>. To update your email address you can visit the INFORMS page <http://www.informs.org/Dir/coa.html>. This is the best means of insuring an uninterrupted delivery of the *Newsletter*.

An updated email entry also insures that you'll be able to participate in important *College* discussions. This includes the proposed changes to the bylaws mentioned in the president's message, the minutes for the college meeting at WSC'01, and the ballot at the end of the *Newsletter*.

Also included in this issue are congratulations to Professor Doktor Felix Breitenecker, recipient of the Distinguished Service Award, and to Professors James Propp and David Wilson, recipients of the Outstanding Simulation Publication Award.

Preliminary information for attendees of the 2001 Winter Simulation Conference near Washington DC is also available. If you are a student, author, exhibitor, or otherwise interested in attending, you will find information that may help you plan for the conference this December.

Our *Newsletter* depends on the contributions of many folks for each issue. Particular thanks to Jerry Banks, Russell Barton, Martha Centeno, John Charnes, Michael Fu, Philippe Geril, Paul Glasserman, David Goldsman, Marion Hedger, Shane Henderson, David Kelton, Susan Sanchez, Perwez Shahabuddin, Mike Taaffe, Peter Welch, and Jim Wilson for their contributions to this issue.

Steve Chick

Did you receive a paper copy of this *Newsletter*? Get on the Web and see the *INFORMS College on Simulation World Wide Web* page. You'll get more than just a newsletter. Its URL is

<http://www.informs-cs.org/>
or <http://simulation.section.informs.org>

This web page is designed to be a general source of information and WWW links for the simulation community, with a particular focus on College interests and activities. The main page headings include *College Information*, *College Newsletter*, *Conferences and Workshops*, and *Simulation Information and Links*. There are often additional special items, such as *WSC'01*, and upcoming *INFORMS* conferences. The WWW address for *WSC'01* is <http://www.wintersim.org/>



INFORMS College on Simulation Newsletter is published in the Spring and Fall of each year by the *INFORMS College on Simulation*. Membership in the *College on Simulation* is independent of membership in *The Institute for Operations Research and the Management Sciences*. The annual membership fee for non-*INFORMS* members is \$20.00; *INFORMS* members may join for \$10.00. The fee for students and retired members is \$5.00.

To join, send name, address, and e-mail address (if applicable), with the appropriate fee, to: Russell R. Barton; Industrial & Manufacturing Engineering Department; The Pennsylvania State University; 209 Leonhard Building; University Park, PA 16802 USA. Please make checks payable to *INFORMS College on Simulation*. Please pass along this announcement to others who might be interested in joining. POSTMASTER: Send address changes to *INFORMS College on Simulation Newsletter*, c/o Russell R. Barton; Industrial & Manufacturing Engineering Department; The Pennsylvania State University; 209 Leonhard Building; University Park, PA 16802 USA.

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Secretary's Corner

We have good news and bad news in our financial statements in this *Newsletter*. The good news is that we have had an outstanding year in terms of activities, particularly with regard to our *Newsletter*, web site, WSC'00, and an exciting special issue of *IIE Transactions* in honor of Alan Pritsker. The second piece of good news is that the electronic distribution of the *Newsletter* has reduced distribution and printing costs dramatically. The bad news is that our cash flow may still be negative. Our dues income has been between \$2,000 and \$3,000 per year, and interest income about \$400 per year, but this year's expenses for the web page, WSC reception and awards, and the *IIE Transactions* special issue will be more than \$7,000.

There are a number of points of good news, however. After these expenses, our estimated net worth as of April 24, 2001 is \$12,346.73. A portion of the cost of the copies of the *IIE Transactions* special issue will be recovered as members purchase copies from us. In addition, we expect web page and reception expenses to be less for next year; this year's web costs included putting the WSC'97-WSC'99 papers on the web site. Finally, in the recent past we have received a substantial surplus (beyond our seed return) each year from WSC. Nonetheless, the *College* officers are monitoring our cash flow carefully. We will be examining i) our allocation of dues and WSC income, ii) ways of enhancing dues collection, and iii) ways of making INFORMS-CS membership more attractive. We will bring you up to date during our business meeting at the Fall INFORMS National Conference in Miami.

Russell R. Barton, Secretary/Treasurer

INFORMS College on Simulation Treasurer's Report

Net Worth
31 December 2000

ASSETS	
Cash and Bank Accounts	
INFORMS Account*	8,304.18
Dues Deferred to 2001	2,125.00
INFORMS-CS Checking	7,461.23
TOTAL Cash and Bank Assets	17,890.41
TOTAL ASSETS	17,890.41
LIABILITIES	
Outstanding Checks (as of 12/31/00)	3,195.00
NET WORTH	14,695.41

Headquarters Account funds are held by the *INFORMS* office: 901 Elkridge Landing Road; Suite 400; Linthicum MD 21090-2909. Reported figures are unaudited totals from fiscal year 1999. Checking account funds on deposit with Mellon Bank., account number 21-21500, State College branch office, 122 W. College Avenue, State, College, PA 16801.

Respectfully submitted by Russell R. Barton, Secretary/Treasurer, April 24, 2001

2000 Year-to-Date Cash Flow report
23 April 2001

INFLOWS*	
Dues Income (estimate)	2,780.00
WSC'00 Seed Return	2,000.00
TOTAL INFLOWS	4,780.00
OUTFLOWS (includes December '00)	
'00 Best Publications	500.00
'00 CUMW Awards	783.50
'00 Ph.D. Colloquium	1,100.00
Web Page	1,870.00
WSC'00 Reception	701.04
WSC' Board Meeting Expenses	138.14
Bank Charges/Software	36.00
IIE Transaction Special Issue (400x)	2,000.00
TOTAL OUTFLOWS	7,128.68
NET CASH FLOW (estimate)	-2348.68

*Interest income from the account held at *INFORMS* headquarters is not calculated until the end of the calendar year. Dues income is estimated from the list of *College* members as of 4/20/01 pending official figures from the *INFORMS* office.

Report on the INFORMS College on Simulation Business Meeting, INFORMS Fall Meeting, San Antonio, November 5, 2000

John Charnes, President, presiding.

The meeting was called to order at 4:45 by John Charnes, President, who introduced the new officers, Susan Sanchez, Vice President/President-Elect and Russell Barton, Secretary/Treasurer. The 14 attendees along with emails are listed below. He announced that INFORMS was expecting 3000 attendees for the Fall 2001 conference in Miami.

Vice President's Report: Susan Sanchez requested sessions for the INFORMS International Meeting in Hawaii in June and for the INFORMS Fall National Meeting in Miami next November. She would like to have session proposals for the Hawaii meeting by mid-December.

Secretary's Report: The minutes from the College business meeting at WSC 1999 Phoenix and from the INFORMS 2000 Conference in Salt Lake City were not presented: they will appear shortly in the Fall 2000 *Newsletter*.

Treasurer's Report: Susan Sanchez also gave a brief outgoing treasurer's report, stating that the College financial picture had improved from 1999; primarily because the College received approximately \$2000 extra return from WSC'99 (~\$4000 vs. ~\$2000 in the recent past).

Newsletter: Shane Henderson gave the Newsletter Editor's Report: The Newsletter will be ready 2-3 weeks before WSC. Shane and Steve Chick wanted suggestions on whether to send a pdf file to each electronic recipient, or rather to instead send a link to the copy of the Newsletter at the College web site. Hard copies will be continued for those who prefer. This is a small number – less than 10.

Web Page: Jim Wilson reported on the College web page. The counter for visitors to the site had security problems, so alternate counter software is being investigated. The web page now includes pdf versions of the 1997-99 Winter Simulation Conferences. Dean Hartley suggested the possibility of scanning old (pre-CD) Proceedings issues to add to the web site. Both Dean and Jim agreed it would be a large effort, but that it might be feasible if it was handled using a student assistant. John Charnes and Susan Sanchez mentioned that INFORMS has offered to put a link to our page from the INFORMS page and to provide disk space for our site. Jim Wilson responded that the Georgia Tech site provides over 3Gb of disk space that is 'free.' Jim suggested that the College revisit the possibility of combining the Newsletter and Web Editor functions. He suggested that this was a good time to get new people involved, and revitalize the web site.

Award Committees: Michael Fu reported that the Outstanding Publication Award deadline was extended to Halloween. Four nominations are under consideration, and a decision was planned for November 14. There was no report from the Distinguished Service Award Committee. Dave Goldsman reported that the Lifetime Professional Achievement Award committee received two nominations.

Ad hoc committees: John Charnes said he would consider appointing ad hoc committees to look at the web site issue and perhaps another to look at membership. Underrepresented Minorities and Women: Martha Centeno is the Chair this year. She did not present a report.

INFORMS-CS Archives Project: John Charnes said that INFORMS has asked for a short history including a list of all presidents of the College. Jim Wilson reported that the Archive has been established at the North Carolina State University Library. The NC State Archivist, Russell Koontz has been very cooperative. The Archives anticipate a substantial collection of materials promised by Bob Sargent.

INFORMS-CS History Project: Jim Wilson reported that some portions of the history have been written. A number of people have been identified who were instrumental in the founding of the College. Thomas Naylor, President in 1968, currently resides in Vermont. The committee hopes to interview him soon.

WSC'00 Report: Jim Wilson reported that the Proceedings would contain approximately 300 papers, and that the second volume was in the final approval process. All titles and abstracts were posted to the www.wintersim.org site. Registrations were running 50% ahead of previous years at the same time. Jim also announced that the paid attendance for WSC'99 was more than 670. The best previous non-Washington D.C. attendance was over 660 in Orlando in 1994.

New Business: Jim Wilson announced that extra issues of the *IIE Transactions* special issue honoring Alan Pritsker would be available for approximately \$4 each, well below cost. Jim asked whether the College should purchase extra copies to send to members. He said that Alan Pritsker had suggested that the issue might be made available to students. Doug Morrice suggested that the College members be polled via email to determine the level of interest. John Charnes asked Jim Wilson to bring a plan to the WSC'00 College business meeting.

John Charnes described two proposed bylaw changes. First, to address the changing structure of the INFORMS national meetings. The bylaws require three business meetings per year, which have been held at the Winter Simulation Conference and the Spring and Fall INFORMS national conferences. Since the Spring INFORMS national conference is by invitation and for practitioner presentations only, John worried about achieving a quorum of 15 for that meeting, and proposed that the bylaws require two business meetings per year rather than three. Second, In order to allow electronic balloting to be an official tally, the word 'mail' should be struck from the bylaws.

Shane Henderson brought another new business item: determining the distribution of the College newsletter. He proposed continuing the sending of hard copies to those without web access, but sending a notification only to those with web access. The newsletter would be posted to the web site, rather than sending a pdf file to every member via email. No decision was made.

Dean Hartley announced that he had been elected as Division B Representative to the INFORMS Board. He said that he would be happy to convey concerns or issues of the College to the Board.

David Goldsman announced that he, Sigrun Andradottir and Christos Alexopoulos were editing a handbook on simulation in honor of George Fishman to be published by Kluwer. He requested permission to use the College e-mail list to ask members for contributed papers for the volume, and to determine the level of interest in purchasing such a volume. His motion was seconded by Dean Hartley and approved unanimously.

The Meeting was adjourned at 6:55pm.

Respectfully submitted, Russell R. Barton, Secretary/Treasurer.

Report on the INFORMS College on Simulation Business Meeting, 2000 Winter Simulation Conference, December 12, 2000

John Charnes, President, presiding.

The meeting was called to order at 5:15pm by John Charnes, President. He introduced the new officers, Susan Sanchez, Vice

President/President-Elect and Russell Barton, Secretary/Treasurer. The 52 attendees along with emails are listed below. He announced that INFORMS was expecting 3000 attendees for the Fall 2001 conference in Miami.

Secretary/Treasurer's Report: Susan Sanchez reported that minutes for past meetings were available online as part of the College newsletter. She also presented the Treasurer's report and mentioned that the College received \$2000 from WSC'99 in addition to the return of the \$2,000 seed money.

Upcoming Meetings: As Vice President, Susan Sanchez requested members to consider submitting a paper or tutorial or organizing a session for two upcoming conferences, the International INFORMS Conference in Hawaii in June and the Fall INFORMS National Conference in Miami November 4-7. Deadline for organizing a session for the Hawaii conference was set at January 15, 2001.

Newsletter: Steve Chick and Shane Henderson reported that the *Newsletter* has moved to an electronic version available at the INFORMS-CS web site, www.informs-cs.org. The College will mail the few copies to members who do not have Internet access. Shane Henderson apologized to any members who received a virus through College Listserv e-mail.

Web Page: Jim Wilson reported on the College web page. Jim Wilson reported on the College web page, and announced that past WSC proceedings have been placed on the site. Felisa Vasquez-Abad will continue as Web Editor and Jim Wilson and Dave Goldsman remain as consultants. Jim asked for new volunteers with a fresh perspective. The contract for web support will continue with Walpole Software. INFORMS has offered to provide web space for the College. David Kelton said that the INFORMS site has security and the ability to read IP addresses.

Award Committees: Dave Goldsman reported that the Lifetime Professional Achievement Award Committee did not select a nominee for the award this year. Perwez Shahabuddin announced that James Propp and David Wilson were selected for the Outstanding Publication Award. David Kelton announced the Distinguished Service Award winner was Felix Breitenecker of the Vienna University of Technology. Martha Centeno reported that the Committee for Under-represented Minorities and Women was sponsoring four students for WSC'00, from Florida International University, the University of Central Florida, and the University of Puerto Rico at Mayaguez.

Journal Editors' Reports: David Kelton presented the Area Editor's report for the INFORMS Journal on Computing for Michael Taaffe. He announced that Susan Sanchez would be the new area editor effective January 1, 2001. Michael Fu reported that there were no changes in the status of papers submitted to Operations Research since the last College *Newsletter*.

WSC'00 Report: Barry Nelson reported as a new member of the WSC Board. As of the time of the INFORMS College business meeting, there were 712 paid attendees and 840 total attendees, setting a new record for non-Washington D.C. sites for the second year in a row. The *Proceedings* had the largest number of papers and pages ever. INFORMS continues to be well represented at WSC. TeX expertise is needed to help develop future WSC paper templates.

Old Business: John Charnes showed the current and proposed versions of Article VII.1 of the College Bylaws and asked for a motion to adopt the new version (see the minutes from the San Antonio business meeting for more discussion).

Current Bylaw: Business meetings of the College shall be held at least three times each year in conjunction with the Fall and Spring meetings of INFORMS and the Winter Simulation Conference. A quorum for business meetings shall be fifteen members or five percent of the total membership, whichever is less.

Proposed Bylaw: Business meetings of the College shall be held at least twice each year in conjunction with the Fall

meeting of INFORMS and the Winter Simulation Conference. A quorum for business meetings shall be fifteen members or five percent of the total membership, whichever is less.

Bob Sargent moved that the proposed change be accepted, and Russell Barton seconded the motion. There were a number of questions and suggestions in the discussion that followed. John Charnes made it clear that the intention was not to discourage practitioner participation (the Spring INFORMS meeting is now practitioner-oriented with invited sessions only). He said that a meeting certainly could be held at the Spring INFORMS meeting. A show of hands indicated that only two people at the WSC business meeting planned to attend the Spring INFORMS meeting. Susan Sanchez suggested that an e-mail notice could be sent about a meeting, and Barry Nelson said that he would be at the Spring INFORMS meeting and would be willing to chair a College business meeting. David Withers pointed out that there could simply be a 'Birds of a Feather' (BOF) meeting for which a quorum is not required.

The motion to accept the bylaw change was approved unanimously by voice vote.

New Business: Jim Wilson announced that 100 extra issues of the *IIE Transactions* special issue honoring Alan Pritsker had been ordered for approximately \$4 each, plus shipping. Jim conducted an e-mail survey on the quantity of extra copies that the College the College should purchase extra copies to send to members. The results of the survey are in Table 1.

Quantity	Number Responding
0	2
100	4
250	3
All Members	2
All Student Members	2
Individual Copy Wanted	100

Jim Wilson's informal recommendation was to buy an additional 300 copies. In the discussion that followed, a number of alternative suggestions were discussed. David Withers made a motion to purchase sufficient copies for the current membership plus 50. The motion was defeated with only one in favor. Bob Sargent moved that the College purchase 100 copies plus a sufficient number for all student members plus enough to cover anticipated individual orders. The motion was seconded by Shane Henderson and passed with only one opposed.

New Business: Keebom Kang moved to rename the Lifetime Professional Achievement Award as the Pritsker Lifetime Professional Achievement Award. David Withers seconded the motion. There was discussion about whether to rename this existing award or to create a new award in his honor. John Charnes tabled the motion.

The Meeting was adjourned at 6:15pm.

Respectfully submitted, Russell R. Barton, Secretary/Treasurer

Felix Breitenecker Receives 2000 Distinguished Service Award



Felix Breitenecker, left, receives the award from committee chair David Kelton.

Professor Doktor Felix Breitenecker of the Technische Universität Wien (Vienna University of Technology) received the 2000 INFORMS College on Simulation Distinguished Service Award during the College's business meeting at the 2000 Winter Simulation Conference in Orlando. The award, first given in 1986, recognizes each year at most one individual who has "... provided long-standing, exceptional service to the simulation community ... sustained over a period of 15 to 20 years or longer and [has been] acquitted with distinction." The selection committee was composed of Bruce Schmeiser (Purdue University) serving his third and final year, Jerry Banks (AutoSimulations, Inc.) serving his first year, and was chaired by David Kelton (University of Cincinnati) serving his second year.

Quoting from the nomination letter, "Prof. Dr. Felix Breitenecker has been and is an enormous force in the European simulation community and, through that community, beyond. His service roles in the community began some seventeen years ago, in 1984, and show no sign of abating. These roles have taken the form of leadership requiring people

skills (e.g., President of EUROSIM; President of ASIM; organizer of numerous conferences and short courses); service requiring technical expertise (e.g., again, organizer of numerous conferences and short courses; editor of numerous conference proceedings; author of over 200 articles; lecturer in a wide range of venues and capacities beyond normal credit-course teaching; chair of thirteen doctoral dissertations; director of over 70 master's degree theses); and imaginative use of his leadership opportunities (e.g., opening EUROSIM to Eastern European countries; encouraging national simulation societies by introducing the idea of EUROSIM "observer members"; working toward the incorporation of the former East Germany into ASIM; acting to help bring about a cooperative working relationship between ASIM/EUROSIM and SCS-Europe ... His 'audience,' although much more heterogeneous (and therefore probably more challenging to serve) than in North America, is as large as North America."

Dr. Breitenecker was involved in the founding of EUROSIM, the Federation of European Simulation Societies, currently encompassing 13 independent national simulation societies (<http://www.eurosim.org/>). EUROSIM publishes a scientific journal, *Simulation Practice and Theory*, begun during Felix's presidency of EUROSIM, and also publishes *Simulation News Europe* three times each year. As President of EUROSIM, Professor Dr. Breitenecker extended membership to eastern European countries, and established the concept of "observer" members for fledgling national simulation societies (currently Spain, Poland, and Romania). He also undertook many of the tasks of organizing the EUROSIM'95 Simulation Congress in Vienna, which attracted some 500 participants from 41 countries. Again quoting from the nomination letter, "... Breitenecker was truly the 'iron man' of this major European simulation conference." He continues as Editor-in-Chief of *Simulation News Europe*, where one of his many innovative ideas has been the "Series of Comparisons of Simulation Software," which to date has published some 13 comparison problems and 189 solutions using a range of simulation software.

In addition to the pan-European scope of EUROSIM, Dr. Breitenecker is currently Board Chair for ASIM (Arbeitsgemeinschaft SIMulation, <http://eurosim.tuwien.ac.at/asim/index.html>), the German-language simulation society (Austria, Germany, and the German-speaking parts of Switzerland), and has served on its Executive Board continuously for 17 years. He has chaired two ASIM conferences in Vienna, in addition to editing their Proceedings, and has brought to fruition over 70 ASIM publications, as well as two book series. ASIM membership has been handled by Felix for the past 17 years, and has grown from 119 to nearly 700 today. He played a critical role in incorporating the former East Germany into ASIM in the early 1990s.

Extending his work to bring simulationists together across Europe, Dr. Breitenecker has been active in SCS-Europe. He helped combine the ASIM and SCS-Europe book series, was instrumental in making *Simulation News Europe* the membership publication of SCS-Europe (while continuing to play that role for EUROSIM), and coordinated the joint staging of several conferences between ASIM and SCS-Europe.

To serve the dual purposes of reaching out to European industry and providing an administrative structure for ASIM and EUROSIM, Dr. Breitenecker established and maintains a non-profit working group called ARGESIM (ARbeitsGemeinschaft SIMulation Neuigkeiten, <http://www.argesim.org/>). ARGESIM serves as the publisher for *Simulation News Europe*, and has organized some 65 seminars in cooperation with universities and industry, which are attended by students, faculty, and people from industry.

In sum, Prof. Dr. Felix Breitenecker has chaired six conferences and 17 workshops, organized 12 paper sessions at other international conferences, and has organized five international seminars. He has consistently been at the very center of many if not most of the main simulation events and societies in Europe for nearly 20 years, and has been a mainstay of simulation activity in Europe and beyond. And so the INFORMS College on Simulation is proud to present its 2000 Distinguished Service Award to Prof. Dr. Felix Breitenecker. He can be reached at felix.breitenecker@tuwien.ac.at.

Propp and Wilson Receive Outstanding Simulation Publication Award

The *INFORMS College on Simulation* presented its 2000 *Outstanding Simulation Publication Award* to Professor James Propp and David Wilson to recognize the contributions of the following work.

"Exact Sampling with Coupled Markov Chains and Applications to Statistical Mechanics" published in *Random Structures and Algorithms*, volume 9 (1996), pages 223-252.

"Coupling from the past: a user's guide." Published in D. Aldous and J. Propp, editors, *Microsurveys in Discrete Probability*, volume 41 of DIMACS Series in Discrete Mathematics and Theoretical Computer Science, pages 181--192. American Mathematical Society, 1998.

Propp, of the University of Wisconsin at Madison Department of Mathematics (<http://www.math.wisc.edu/~propp/>), and Wilson (<http://dimacs.rutgers.edu/~dbwilson>), of DIMACS at Rutgers, were nominated by Luc Devroye. Devroye writes in his nomination letter:

"Known as "coupling from the past" or "perfect sampling", the methods proposed by Propp and Wilson have forever altered the nature of Markov Chain Monte Carlo sampling. Markov chain methods are attractive propositions for generating multivariate random variables and intricate combinatorial structures, but they are fundamentally asymptotic, providing only approximations when stopped at finite times. Propp and Wilson showed how to identify a finite random stopping time that suffices for an exact sample. The scientific community is still discovering new versions and applications of their approach, but their 1996 paper is a historical landmark."

For these and related works, consult the URL

<http://www.math.wisc.edu/~propp/articles.html>

The presentation took place at the 2000 *Winter Simulation Conference* in Orlando, Florida. The Award is intended to recognize outstanding contributions to the simulation literature. Journal articles, proceedings articles, books, and monographs copyrighted in 1997, 1998, and 1999 were eligible for the 2000 award. In 2000, the award selection committee consisted of Michael Fu (University of Maryland), Pierre L'Ecuyer (University of Montreal), and Perwez Shahabuddin (Chair, Columbia University).



David Wilson (right) is shown here receiving the award from Perwez Shahabuddin (left).

Perwez Shahabuddin

Expanding our horizons...

The *INFORMS College on Simulation* contributed significantly to the growth of our field this past December at the Winter Simulation Conference. The *INFORMS-CS* granted five Women

and Minority Scholarships to four graduate students and one professor. The awardees (from left to right) were Sergio Quijada (University of Central Florida), Carlos Prado (University of Central Florida), Dr. Sonia Bartolomei-Suarez (University of Puerto Rico at Mayaguez), Bertha Arteta (Florida International University), and Elizabeth Lopez (Florida International University); accompanying the awardees in the photo is Dr. John M. Charnes, president of the *INFORMS-CS*. Each one of the awardees received a certificate, membership in the *INFORMS-CS*, and registration fee for the WSC 2000 conference. This was a very unique and valuable experience for them. They came out of the conference highly motivated to participate in future WSC's and to be active members with *INFORMS* in general and with the *INFORMS-CS* in particular.



Martha A Centeno

WSC'01: A Simulation Odyssey

2000 Winter Simulation Conference

December 9-12, 2001

Crystal Gateway Marriott

Arlington, Virginia USA



The 2001 Winter Simulation Conference will be held at the [Crystal Gateway Marriott](#) in Arlington, Virginia on December 9 through 12, 2001. The hotel is close to Reagan National Airport, and to the landmarks and museums of Washington, D.C. Facilities include three restaurants, an indoor pool, and a health club. The Metro mass transit system can be reached via indoor access from the hotel. Shopping, restaurants, and other amenities are in close proximity.

WSC '01 offers something for everyone, from simulation novice to simulation expert: tutorials on basic and advanced techniques, cutting-edge applications in military, manufacturing, and logistics simulation, and the latest advances in modeling and analysis methodology. The exhibit area will feature displays by the leading vendors of simulation technology.

For additional information on WSC'01, see the web site www.wintersim.org, contact Matt Rohrer, WSC'01 General Chair (Brooks Automation, AutoSimulations Division, 655 Medical Drive, Bountiful, UT 84010, Tel: (801) 294-1320, matt.rohrer@brooks.com), or Deb Medeiros, WSC'01 Program Chair (Industrial and Manufacturing Engineering, 310 Leonhard Building, Penn State University, University Park, PA 16802, Tel (814) 863-2364, djm3@psu.edu). There will be more news in the Fall Newsletter. Of immediate interest to *INFORMS-CS* members are the Ph.D. Colloquium, the process for submitting the final versions of conference papers, and exhibitor information.

Ph.D Colloquium and Poster Session Submission Information

The INFORMS College on Simulation invites Ph.D. students to present short research summaries on Sunday afternoon, December 9, 2001. Colloquium presenters are automatically accepted into the Poster Session and should plan to participate. Due to the number of participants, presentation time in the colloquium has historically been quite limited. Participating the Poster session allows students to present additional details about their work and engage in more detailed discussions with interested people. Submissions should include a brief description of the research to be presented along with the name of the major advisor. Submissions and questions should be sent via email to Paul Hyden at hyden@orie.cornell.edu. The deadline for submissions is September 1, 2001. The College on Simulation provides a \$50 honorarium and a \$50 reimbursement for the conference registration for those students that are accepted and participate.

Electronic Paper Submission

Accepted papers will be published in the both the print volume and CD-ROM versions of the conference proceedings. Both will be copyrighted and widely disseminated. Both Contributed and Invited papers will be submitted electronically this year. If you have a Contributed paper you will receive submission instructions with the acceptance notice for your paper. For questions on electronic submission see the web site www.wintersim.org or contact one of the two Proceedings Editors, Brett A. Peters (Dept. of Industrial Engineering, Texas A&M, College Station, TX 77843-3131, Phone: (979) 845-3574, Fax: (979) 847-9005, bpeters@tamu.edu), or Jeffrey Smith (Industrial and Systems Engineering, 207 Dunstan, Auburn Univ, AL 36849-5346, Phone: (334) 844-1412, Fax: (334) 844-1381, jsmith@eng.auburn.edu). Authors should use the templates available at <http://www.wintersim.org/authorinfo.htm> to prepare their manuscripts.

Exhibitor Information

WSC will again feature an exhibit area that will display simulation technology tools from many of the leading vendors. If you would like information about becoming an exhibitor to present your software, service, educational, or other simulation resource to a broad simulation community, please visit <http://www.wintersim.org/exhibits.htm> to order a Prospectus and Application/Contract. If you have received the WSC Exhibitor Prospectus within the past two years and your address has not changed, then you need not do this.

Wintersim Listserv

Sponsored by the *WSC Board of Directors*, this listserv provides an electronic forum for the worldwide simulation community served by WSC. To subscribe to the wintersim e-mail list, you may send a message from your usual e-mail address to listserv@ncsu.edu. This message should have an empty Subject: line and the following main text:

subscribe wintersim subscribename

where *subscribename* is replaced with your first and last names, e.g.

subscribe wintersim Janet Jones

To request that an item be posted to the wintersim e-mail list area of the WSC website, send the item by e-mail to wintersim@listserv.ncsu.edu. Appropriate items will be posted by the list moderator, who has responsibility for maintenance of this archive.

INFORMS San Diego: May 20-22, 2001

Theme: Optimizing the Extended Enterprise

Increase your visibility and networking opportunities by experiencing "Optimizing the Extended Enterprise," INFORMS Spring National Meeting, to be held in San Diego on May 20-22, 2001. For further information on the conference, see <http://www.informs.org/Conf/Practice2001/>.

Of particular interest for College on Simulation members are the following sessions in Track 4: Professional Development: Operations Research Methodologies.

How Simulation Works

Daniel T. Brunner; President; Systemflow Simulations, Inc.
Monday, May 21, 10:30am-12:25pm

Recent Developments in Simulation

Barry L. Nelson; Professor, Director, Master of Engineering Management Program; Northwestern University
Monday, May 21, 2:00pm-2:55pm
Repeated Tuesday, 3:00-3:55pm

Report on the Simulation Area of the *INFORMS Journal on Computing*

By David Kelton (*Editor-in-Chief*), Susan Sanchez (*Area Editor*), Mike Taaffe (*former Area Editor*), April 24, 2001

The Simulation Area is interested in research in all computational aspects of simulation. We are looking for high-quality research on the computational aspects of simulation model building (for instance, object-oriented language development), simulation data structures (e.g., specialized data structures for simulation models using historical data), simulation modeling/experiment environments (such as web-based simulation), simulation stochastic input modeling (like Johnson-family or Bézier distribution fitting), random-variate generation (for instance, time-series random variate generation), output analysis (such as optimal batch-size selection theory and algorithms), optimization over small feasible sets (like ranking & selection procedures and multiple-comparison procedures), optimization for large feasible sets (such as random search methods), optimization over sets containing continuous variables (e.g., likelihood-ratio methods), variance-reduction methods for simulation experiments over classes of problems possessing special structure (such as order(s)-of-magnitude variance reduction in Monte Carlo evaluation of

financial options), and other aspects of simulation experiment modeling and analysis. Tutorials and applications in the above areas that are comprehensive and integrate from multiple sources are also welcome.

Full papers from all issues of the *INFORMS Journal on Computing* from Vol. 1 (1989) through Vol. 9 (1997) are now freely available via the Back Issues link at the JOC web site, <http://joc.pubs.informs.org/>. Papers and abstracts of later issues are at INFORMS PubsOnLine, <http://pubsonline.informs.org/>. So now the full text of everything ever published in JOC is available online from one of these two sources.

During the last two quarters, there have been 4 new submissions, 2 papers have been accepted, 2 papers have been rejected, and there are now 9 papers in the review process.

The Associate Editors are Paul Fishwick (University of Florida) and Marvin Nakayama (New Jersey Institute of Technology).

Special issue of IIE Transactions Honoring Alan Pritsker

We have now received from Kluwer Academic Publishers 400 copies of the special issue of IIE Transactions honoring Alan Pritsker. The INFORMS-College on Simulation purchased these copies in bulk so that they could be offered to regular members of the College at cost.

As it turns out, Kluwer increased the per copy cost from \$4 to \$5; and the postal charge has increased to \$2 per copy. Thus if you wish to purchase a copy of the Pritsker special issue of IIE Transactions, please send \$7 (US funds only; checks payable to "INFORMS-College on Simulation") to one of the following distributors for the College:

David Goldsman
School of Industrial and Systems Engineering
Georgia Tech
Atlanta, GA 30332-0205

James R. Wilson
Department of Industrial Engineering
North Carolina State University
Campus Box 7906
Raleigh, NC 27695-7906

Report on the Simulation Area for *Operations Research*

By Michael Fu, Simulation Area Editor, April 14, 2001

The Simulation Area seeks to publish papers that advance the methodology of stochastic simulation as applied to problems in operations research and management science. This is primarily the domain of discrete-event simulation, which can be used to model discrete-event dynamic systems such as queueing networks and production/inventory systems, but developments in Monte Carlo simulation may also be appropriate, especially in certain contexts such as financial engineering. For further information, see

<http://or.pubs.informs.org/>, and
http://or.pubs.informs.org/Pages/edit_area.html#Simulation

Associate Editors for the Area are Sigrun Andradottir (Georgia Tech), Peter Haas (IBM Research), Jian-Qiang Hu (Boston University), and Susan Sanchez (University of Missouri-St.Louis, visiting this year at the Naval Postgraduate School).

During the period October 1, 2000 to April 10, 2001, there were 7 new submissions and 3 resubmissions. The new submission rate is well ahead of the pace of the last two years!

For decisions on manuscripts made during the period, there were 2 rejections, 5 revise and resubmit recommendations, and 1 acceptance. Of the 8 decisions made during the period, 3 were late, where late is defined as having spent over 3 months with the Associate Editor. Currently, there are 6 manuscripts under review, of which 2 are already late.

Submissions should be sent to the following address (electronic submissions in Postscript or PDF are highly encouraged):

Michael C. Fu, Area Editor, *Operations Research*
 The Robert H. Smith School of Business
 Van Munching Hall
 University of Maryland
 College Park, MD 20742-1815
 Tel: 301-405-2241 (voice)
 Fax: 301-405-8655 or 707-897-3774
 mfu@rhsmith.umd.edu

Status Report on the Stochastic Models and Simulation Department for *Management Science*

By Paul Glasserman, Departmental Editor, April 26, 2001

The Stochastic Models and Simulation Department of *Management Science* seeks high-quality papers dealing with all aspects of stochastic models and simulation relevant to the practice or theory of management science. The department is particularly interested in papers dealing with new areas of application. The department's editorial objectives appeared in the September 1998 issue of the journal. Authors can submit their paper to the Departmental Editor either by electronic mail (as one self-contained TeX or LaTeX or postscript file, without encoding) or by regular mail (in four hardcopies). Authors must adhere to the submission guidelines given in the journal, especially regarding the formatting and length of the papers.

From the date of our last report for this newsletter (October 10, 2000) to date, we have received a total of 15 new submissions, of which 10 are still under review and 5 have been rejected.

Our Associate Editors for the Department remain: Thanos Avramidis (Cornell University), Jim Dai (Georgia Tech), Michael Fu (University of Maryland), Perwez Shahabuddin (Columbia University), Jan van Mieghem (Northwestern University), Garrett van Ryzin (Columbia University), Tava Lennon Olsen (University of Michigan) and Stefanos Zenios (Stanford University) with the addition of Felisa Vazquez-Abad from the University of Montreal.

Marion Hedger, for

Paul Glasserman
 403 Uris Hall
 Columbia Business School
 New York, NY 10027
 Phone: (212) 854-4102
 email: pg20@columbia.edu

WSC 2000 Conference Proceedings Online

The officers and members of the INFORMS-College on Simulation are pleased to announce that the full text of every paper presented at the 2000 Winter Simulation Conference (WSC) is now freely available from the College website

<http://www.informs-cs.org>

along with the papers presented at WSC '97, WSC '98, and WSC '99.

Call for Nominations *INFORMS College on Simulation* *DISTINGUISHED SERVICE AWARD*

To recognize individuals who have provided long-standing, exceptional service to the simulation community, the Institute for Operations Research and the Management Sciences (INFORMS) College on Simulation has established its Distinguished Service Award, which may be given to at most one person annually. Sustained service to the simulation community should extend over a period of 15 to 20 years or longer and be acquitted with distinction. The concept of service for this award does NOT include teaching or research contributions. Areas of volunteer service include but are not limited to:

1. elected offices in simulation societies;
2. editorial responsibilities for simulation such as department editor, area editor, and editor-in-chief;
3. conference responsibilities involving simulation such as program chair, proceedings editor, general chair, and being a member of the organizing or program committee;
4. appointed positions for simulation-related activities such as serving on committees and being a newsletter editor; and
5. undertakings and actions that promote simulation in the "larger community".

Nominations for the Distinguished Service Award can be made by anyone and are made by sending a letter of nomination to the chair of the award selection committee by October 1, 2001. Letters of nomination should identify the nominee's areas of exceptional service, detailing the activities for which the nominee is believed to deserve this award. The nominee's current vita must be included with the nomination letter. The individual or individuals making the nomination have the primary responsibility for justifying why the nominee should receive this award. If given, the award will be presented in December during the opening session of the [2001 Winter Simulation Conference](#) in Arlington, Virginia.

A listing of past winners of the Award may be found at <http://www.informs-cs.org/dsawin.html>.

Nominations should be sent to the Chair of the Selection Committee:

Dr. Jerry Banks
Brooks Automation, AutoSimulations Division
1355 Terrell Mill Road
Building 1482, Suite 200
Marietta, Georgia 30067, USA
Email: jerry_banks@autosim.com
Phone: +1-770-955-1501
Fax: +1-770-955-1592

This address is sufficient for next-day delivery services.

Call for Nominations for the *INFORMS College on Simulation* *LIFETIME PROFESSIONAL ACHIEVEMENT AWARD*

The Institute for Operations Research and the Management Sciences (INFORMS) College on Simulation has established its Lifetime Professional Achievement Award. The purpose of this award is to recognize major contributions to the field of simulation that are sustained over a professional career, with the critical consideration being the total impact of those contributions on computer simulation. An individual's contributions may fall in one or more of the following areas:

- contributions to research,
- contributions to practice,
- dissemination of knowledge,
- development of software or hardware,
- service to the profession, and
- advancement of the status or visibility of the field.

Given at most once a year, this award consists of a plaque and reasonable travel expenses incurred by the recipient in attending the presentation ceremony during the 2001 Winter Simulation Conference in Arlington, Virginia.

Anyone is eligible to win the award, and the award may be received posthumously. Nominations may be submitted by anyone (including self-nominations), but they may not be made anonymously. The burden of offering evidence of merit falls on the nominator. Each nomination should include:

- the nominee's complete resume;
- a clear-cut, comprehensive description of the nominee's major contributions to the profession, with complete supporting documentation; and
- at least three letters of endorsement providing evidence of the significance and magnitude of the nominee's professional achievements.

Nominations for the award must be received by the chair of the award selection committee no later than June 15, 2001:

Professor David Goldsman
Chair, Lifetime Achievement Award Selection Committee
School of Industrial and Systems Engineering
Georgia Institute of Technology
Atlanta, Georgia 30332, USA
Phone: (404)894-2365
Fax: (404)894-2301
E-mail: sman@isye.gatech.edu

This address is sufficient for next-day delivery services.

Call for Nominations *INFORMS College on Simulation* *2001 OUTSTANDING SIMULATION PUBLICATION AWARD*

To recognize outstanding contributions to the simulation literature, the *INFORMS College on Simulation* annually sponsors an *Outstanding Simulation Publication Award*. Nominations for the award to be given in 2001 should be sent by October 1, 2001, to the Award Committee Chair:

Michael C. Fu, Area Editor, *Operations Research*
The Robert H. Smith School of Business
Van Munching Hall
University of Maryland
College Park, MD 20742-1815
Tel: 301-405-2241 (voice)
Fax: 301-405-8655 or 707-897-3774
mfu@rhsmith.umd.edu

This address may also be used for next day delivery services.

Anyone is eligible to win the award. Journal articles, proceedings articles, books, and monographs copyrighted in 1998, 1999 and 2000 are eligible for the award to be presented in 2001. Technical reports, research memoranda, working papers, theses, and dissertations are not eligible. Nominations for the award may be made by anyone, including the author(s), but they may not be made anonymously. Nominations should include:

- a copy of the written work, including all bibliographical information (in the case of books, the Awards Committee will obtain copies);
- a short statement suitable for reading at the award ceremony if the work is chosen; and
- any other information thought relevant by the nominator.

If given, the Outstanding Simulation Publication Award will be presented at the *Winter Simulation Conference*, Arlington, Virginia, December 9-12, 2001.

A list of previous winners is available on the www site: <http://www.informs-cs.org/pubwinn.html>.

Event Calendar

By Shane Henderson, Associate Newsletter Editor, April 6, 2001

34th Annual Simulation Symposium, Seattle, Washington, April 22-26, 2001. Contact: Prof. Mohsen Guizani (mguizani@cs.uwf.edu) or Prof. Helen Karatza (karatza@csd.auth.gr). WWW: <http://agent.csd.auth.gr/ANSS34>

2001 Advanced Simulation Technology Conference, Seattle, Washington, April 22-26, 2001. Contact: Dr. Adrian Tentner. Email: tentner@anl.gov. WWW: <http://www.scs.org/confernc/astc01/cfp/astc2001cfp.html>

MOSIM'01: 3e Conférence Francophone de MODélisation et SIMulation, Université de Technologie de Troyes, France, April 25-27, 2001. Contact: 33 (0) 3 25 71 58 86. Email: mosim01@univ-troyes.fr. WWW: <http://www.univ-troyes.fr/mosim01/>

Canadian Operational Research Society and Optimization Days Joint Conference, Quebec City, Canada, May 6-9, 2001. Contact Bernard Lamond 418-656-2131 x5472, email: Bernard.Lamond@fsa.ulaval.ca. WWW: <http://www.fsa.ulaval.ca/scro-jopt>

15th Workshop on Parallel and Distributed Simulation, Lake Arrowhead, California, May 15-18, 2001. Contact Rajive Bagrodia 310 825-0956. Email: rajive@cs.ucla.edu. WWW: <http://www.ececs.uc.edu/~paw/pads2001>

10th Annual Industrial Engineering Research Conference (IERC), Dallas Texas. May 20-23, 2001. Contact Jay Rajgopal (rajgopal@engrng.pitt.edu) or Kim Needy (kneedy@engrng.pitt.edu). WWW: <http://ie.pitt.edu/ierc2001/>

INFORMS Conference on Practice, San Diego, CA, May 21-22, 2001. WWW: <http://www.informs.org/Conf/Practice2001/>

SimTecT 2001, Canberra, Australia, May 28-31 2001. Contact: Tony Landers. Email: tony.landiers@tenix.com. WWW: <http://www.siaa.asn.au/simtect/2001/2001.htm>

INFORMS International 2001, Maui Hawaii, June 17-20, 2001. Contact: 1(800)343-0062 or Kathryn E. Stecke Tel: 1-734-763-0485. Email: kstecke@umich.edu. WWW: <http://www.informs.org/Conf/Hawaii2001>

SIM 2001, Freiburg i. Br., Germany, June 17-21, 2001. WWW: <http://www.sim2001.com/>

SIGMETRICS 2001: Cambridge, Massachusetts, June 17-20, 2001. WWW: <http://www.cs.umd.edu/conference/sigmetrics2001/>

Fourth St. Petersburg Workshop on Simulation, St. Petersburg, Russia, June 18-23, 2001. Contact: Prof. Viatcheslav B. Melas. Email: v.melas@pobox.spbu.ru. WWW: <http://vega.math.spbu.ru/workshop/2001/>

European Simulation Interoperability Workshop, Harrow, Middlesex, UK, June 25 - 27, 2001. Contact: Mick Ryan. Email: Mick_Ryan@classic.msn.com. WWW: <http://www.sisostds.org/siw/01Euro/index.htm>

EUROSIM 2001 4th International EUROSIM Congress, Delft, The Netherlands, June 26-29, 2001. Contact: Mrs. T. Tijanova, Delft University of Technology, Faculty of Information Technology and Systems, P.O. Box 5031, NL-2600 GA Delft. Fax: +31-15-2787209, Email: euosim2001@pa.twi.tudelft.nl, WWW: <http://ta.twi.tudelft.nl/PA/Eurosims2001/>

EURO 2001: The XVIII-th Euro Conference on Operations Research, Erasmus University Rotterdam, The Netherlands, July 9-11, 2001. Contact info@euro2001.org. WWW: <http://www.euro2001.org>

SIAM Annual Meeting, San Diego, California, July 11-14, 2001. Organizers: Margaret Cheney, James M. Hyman. WWW: <http://www.siam.org/meetings/an01/>

Summer Computer Simulation Conference / International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS '01), Orlando, Florida, July 15-19, 2001. Contact Heidi Schmidt, Society for Computer Simulation International, 4838 Ronson Court, Suite L, San Diego, CA 92111, USA, Tel 858-277-3888, Fax 858-277-3930, E-mail: hschmidt@scs.org. WWW: <http://www.scs.org/confernc/spects01/spects01cfp.html>

11th INFORMS Applied Probability Society Conference, New York City, July 25-27, 2001. Contact Karl Sigman sigman@ieor.columbia.edu. WWW: <http://www.conference.com/informsApplied/>

International Conference on Industrial Engineering and Production Management, Quebec City, Canada, August 20-23, 2001. Contact Alain Martel, (418) 656-5042. Email: Alain.Martel@fsa.ulaval.ca. WWW: <http://www.iepm.net/>

MESM 2001, Amman University, Amman, Jordan, September 5-7, 2001. Contact: Philippe.Geril@rug.ac.be. WWW: <http://hobbes.rug.ac.be/~scs/conf/mesm2001>

MCM2001: 3rd IMACS Seminar on Monte Carlo Methods, Salzburg University, Salzburg, Austria, September 10-14, 2001. Contact: MCM2001, Department of Mathematics, University of Salzburg, Hellbrunnerstr. 34, A-5020 Salzburg. Email: mcm2001@cosy.sbg.ac.at. WWW: <http://mcm2001.sbg.ac.at/>

13th European Simulation Symposium and Exhibition, Marseilles, France, October 18-20, 2001. Email: norbert.giambiasi@iuspim.u-3mrs.fr or Philippe.Geril@rug.ac.be. WWW: <http://hobbes.rug.ac.be/~scs/conferences/ESS/ESS01>

INFORMS 2001, Miami, Florida, November 3-7, 2001. WWW: <http://128.227.36.67/Informs2001/>

Game-On 2001, London - United Kingdom, November 30-December 1, 2001. Contact: Philippe.Geril@rug.ac.be. WWW: <http://hobbes.rug.ac.be/~scs/conf/gameon2001>

Winter Simulation Conference, Arlington, Virginia, December 9-12, 2001. Contact: David Haberstroh, Talley Management Group, Tel: (856) 423-7222 x217. Email: dhaberstroh@talley.com. WWW: <http://www.wintersim.org/>

Western Multiconference 2002, International Conference on Health Sciences Simulation, San Antonio, Texas, January 27-31, 2002. Contact: James G. Anderson, General Chair. Tel: (765) 494-4703. Email: AndersonJ@sri.soc.purdue.edu. WWW: <http://www.sla.purdue.edu/academic/soc/andersonj/call.html>

IFORS 16-th Triennial Conference, Edinburgh, UK, July 8-12, 2002. Contact Ben Lev. Email: blev@umich.edu. WWW: <http://www.ifors.org/conferences/ifors02>

Ballot for Amendment to the INFORMS College on Simulation Bylaws

The College Bylaws can be found at <http://www.informs-cs.org/bylaws.html>.

Proposed amendment: change the following in Article VI.1:

Current Bylaw: Business meetings of the College shall be held at least three times each year in conjunction with the Fall and Spring meetings of INFORMS and the Winter Simulation Conference. A quorum for business meetings shall be fifteen members or five percent of the total membership, whichever is less.

Proposed Bylaw: Business meetings of the College shall be held at least twice each year in conjunction with the Fall meeting of INFORMS and the Winter Simulation Conference. A quorum for business meetings shall be fifteen members or five percent of the total membership, whichever is less.

**Please return the ballot by mail, e-mail, or FAX by
December 15, 2001 to:**

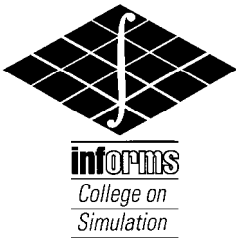
John M. Charnes
University of Kansas, School of Business
222 Summerfield Hall
Lawrence, KS 66045-2003 USA
Tel: (785) 864-7591 FAX: (785) 864-5328
Email: jmc@ku.edu

- Accept the proposed amendment
 Reject the proposed amendment

**(This part only to certify ballot – your vote will be kept
confidential)**

Your Name (printed) _____

Your Signature _____



Russell R. Barton, Secretary/Treasurer
Industrial & Manufacturing Engineering
The Pennsylvania State University
209 Leonhard Building
University Park, PA 16802 USA