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NEWSLETTER

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President's Message

The success of the *INFORMS College on Simulation* depends on the work of many volunteers. As my term as President of the College is ending I would like to recognize the diligent work of some of our most energetic volunteers. Without the work of these individuals the *College* would simply not be the invaluable professional organization that we have all come to expect.

Russell Barton has done an outstanding job as *Newsletter* Editor --- especially in getting the *Newsletter* converted into Word format and, with the help of Steve Chick and Peter Welch, moving to an electronic *Newsletter*. Steve Chick and Shane Henderson, as Associate Editors, are working with Russell and will take over the *Newsletter* next year. Thanks very much!

The Award Committees, Membership Committee, Committee on Women and Underrepresented Minorities, various Publication and WWW Committees, and numerous ad hoc advisory committees work hard at evaluating award nominations and nominees, keeping the *College* growing and improving, increasing the diversity of the membership, and informing the membership of our activities. Sheldon Jacobson, Perwez Shahabuddin, David Goldsman, Bruce Schmeiser, Tom Schriber, Bob Sargent, Jerry Banks, Barry Nelson, Susan Sanchez, Russell Barton, John Charnes, Harriet Black Nembhard, Steve Roberts, Peter Welch, David Kelton, Jim Wilson, and others spent countless long hours on these committees and have consistently had the highest standards in their work. I appreciate all of your great work for the *College*!

The list of people to thank for their dedicated service over the last few years is quite long. I would be sure to miss many names if I were to attempt to list them all --- so I won't. Suffice it to say that the number of people who are willing to put in incredible amounts of time in service of the *College* is truly impressive, as is the quality of their work. At the risk of offending some *College* volunteers by not mentioning their names, I *would* like to mention just a few people who have helped us in so many ways. Dick Nance, Bob Sargent, Tom Schriber and Jim Wilson are people who have a long history of helping the *College* in numerous ways. In the past few years the initiation of the *INFORMS-CS History Project*, and the *INFORMS-CS Archives Project* are two examples of their dedicated service. Thank you for your continuing activity with the *College*!

Two volunteers who have consistently given incredible time and energy over the last few years are David Kelton and Jim Wilson. I can think of very few *College* activities in which one or both of them have not been heavily involved. Jim and David served the *College* as the *INFORMS* liaisons to *WSC*, as award committee leaders, and in countless other ad hoc ways. Jim also serves as the *College* liaison for the WWW team, and was one of the prime movers in getting both the *History* and *Archives* projects started, and housed in the Engineering Library at North Carolina State University. David and Jim put in extraordinary energy in preparing the *WSC'99 Proceedings* when circumstances made those preparations unusually difficult. Jim and David also helped me personally in countless ways. Whenever an "emergency" *College* issue arose I could always count on them to provide me with insightful guidance. Thanks very much!

Finally I would like to thank my fellow officers, John Charnes and Susan Sanchez. I counted on them to do the *actual* work --- and they came through. Susan has put the *College* back on a course of financial stability and has also worked with Steve Chick on automated email list update procedures. John served as a valuable counselor and will take over leadership of the *College* very well prepared for the challenges ahead. Thanks Susan and John!

I will close with just two more thoughts. First, I am concerned about the level of activity that the *INFORMS-CS* at the *INFORMS* conferences. With the re-structuring of the conferences, and the timing of the *WSC*, we have had a significantly decreased activity level at the *INFORMS* conferences. With our College membership being one of the largest in *INFORMS* we should be petitioning *INFORMS* to become a flagship *INFORMS Society*. It is increasingly difficult to make our case when we no longer fill even one whole track at these conferences (one of the criteria considered by *INFORMS* when deciding on *Society* status). I encourage the College members and future officers to carefully consider this issue.

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Editor's Corner

This *Newsletter* marks our first electronic distribution. Most of you will be reading this *Newsletter* on-line, or by downloading and printing the file from your own PC. This medium promises us greater flexibility and reduced cost, and was approved by vote at the *College* meeting at WSC'99. We tree-lovers are also be happy about this change. We expect to print only a few copies of the *Newsletter*, to be sent to those of you who do not have Internet access. The possibilities offered by an electronic *Newsletter* go far beyond what was possible with paper. For example, gone are the requirements for a page count that is a multiple of four (we have fifteen here), and the extra printing and mailing costs associated with additional pages. Gone is the requirement to use only text and static grayscale images. We now have the potential to incorporate video images of award ceremonies, interactive software, practitioner interviews, plant visits, and more. In addition, an electronic *Newsletter* can include links to other web sites, which may contain papers, conference announcements, video clips, and so forth. The potential is exciting – I am envious of the experience that Steve Chick and Shane Henderson will have in the next two years.

This issue contains celebrations, for the *Lifetime Professional Achievement Award* of Alan Pritsker, the *Distinguished Service Award* of Jerry Banks, and the *Outstanding Publication Award* of Pierre L'Ecuyer; and sadness, at the passing of Carl Harris.

Our *Newsletter* depends on the contributions of many folks for each issue. Particular thanks to Stephen Chick, Michael Fu, Paul Glasserman, David Goldsman, Marion Hedger, Sheldon Jacobson, Jeff Joines, Susan Sanchez, Perwez Shahabuddin, Jeff Smith and Michael Taaffe for their contributions to this issue. Two years have passed quickly. I wish our new *Newsletter* Editor Steve Chick and the Associate Editor Shane Henderson *happy sailing* through new, uncharted waters.

Russell Barton

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/>

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'00, and upcoming *INFORMS* conferences. The WWW address for WSC'00 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 \$7.50; *INFORMS* members may join for \$5. The fee for students and retired members is \$2.

To join, send name, address, and e-mail address (if applicable), with the appropriate fee, to: Susan M. Sanchez, Operations Research Department, 243 Glasgow Hall, Naval Postgraduate School, Monterey, CA 93943 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 Susan M. Sanchez, 243 Glasgow Hall, Naval Postgraduate School, Monterey, CA 93943.

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Secretary's Corner

As you've noticed, *INFORMS-CS* is changing in many ways. We have already been using the web in part to archive newsletters, maintain a list of active web pages within the simulation community, and provide a list of affiliations and e-mail addresses for a subset of the *INFORMS-CS* community. We have now decided to take advantage of the ready access offered by the world wide web in new ways. Brief descriptions of these changes follow.

NEWSLETTER NOTIFICATION.

Most notably, this is the first year that most of you will receive e-mail notification when the newsletters are available on the web, rather than getting hard copies of the newsletter through the mail. This change was approved at the business meeting at the *WSC '99* conference. It should greatly improve the financial health of the *College*, as well as allow the opportunity for a wider variety of features (such as web links, color graphics, etc.) to be included in future newsletters.

Those members for whom we do not have e-mail addresses will receive a postcard notification when newsletters first become available. We are happy to provide hard copies of the newsletter for those who cannot access it over the web, or add an e-mail address to our records for e-mail notification of future mailings. If you did not receive a postcard, but would like to continue receiving hard copies of the newsletter, contact Susan Sanchez with your request.

WEB PAGE LISTINGS.

The *College of Simulation* e-mail list currently provides the names, affiliations and e-mail addresses of only those members who have requested inclusion. This means our list shows only 180 members, while there are over 600 members of *INFORMS-CS*! We also found that keeping separate lists may have contributed to a few inadvertent mistakes, where people thought they were members of *INFORMS-CS* although they hadn't paid dues for the subdivision.

We have automated the process of getting contact information from *INFORMS* headquarters on a monthly basis. These will be merged with our locally-held files with information for *College-only* members. As a result, we'll have up-to-date information for our e-mail lists and web list at all times. This should make it easier for you to contact other members of the simulation community. (We'll also be able to send timely reminders at the beginning of the new year for those who are late in renewing their membership, keep better track of students as they graduate and enter the professional world.)

Some *INFORMS-CS* members who are also members of *INFORMS* have requested that their contact information be excluded from the *INFORMS* on-line membership directory. We will honor their requests by also withholding their names, affiliations and e-mail addresses from the *INFORMS-CS* list of members available on the web. If you are one of these members but would like to be listed on the *INFORMS-CS* web pages, please update your information at www.informs.org/Dir/Dir.html or contact Susan Sanchez.

If you're a college-only member, your contact information will be included in the web directory unless you request otherwise.

Finally, if you have a web page with simulation-related information -- either of general interest, or for a specific area -- consider adding a link to it from the *INFORMS-CS* web pages.

CONTACT INFORMATION UPDATES FOR INFORMS MEMBERS.

If you are a member of *INFORMS* (as well as *INFORMS-CS*), then any changes you make in your e-mail or regular address, affiliation, etc., should be made with the *INFORMS* office. You can do this online at www.informs.org/Dir/Dir.html by following the link for "sending a change of address to the *INFORMS* office." PLEASE NOTE: the *College on Simulation* cannot make changes for you in the official database, so you must update the information yourself! However, there is good news: since we now receive monthly updates from *INFORMS* headquarters, you now need only update your confirmation in one place when you move, change your e-mail address, etc. This should eliminate the problem of leaving a trail of old e-mails proliferating through the web.

CONTACT INFORMATION UPDATES FOR COLLEGE-ONLY MEMBERS.

For years, *INFORMS-CS* has allowed members to join the *College* without joining the parent organization *INFORMS*. In the past, we've had few (if any) members in this category. Beginning in 2000 we are formalizing this option by distributing membership numbers to *College-only* members of *INFORMS-CS*, which will make it easier for them to register for *WSC 2000* at the reduced member rate. Contact information for *College-only* members can be updated by contacting Susan Sanchez.

MEMBERSHIP BENEFITS.

WSC attendees get a big discount if they're also members of the *College on Simulation* (or another sponsoring organization). This more than covers the cost of the *INFORMS-CS* annual membership dues. Once our new web member list is in place, you'll be able to check (or request confirmation of) your membership status on-line before registering for the conference.

Of course, one of the biggest benefits of *INFORMS-CS* membership is joining a vibrant and friendly professional community. If you have colleagues who are new to the field of simulation and not interested in paying full membership dues to *INFORMS*, you might want to alert them to the possibility of becoming *College-only* members of *INFORMS-CS*.

CLARIFICATIONS? SUGGESTIONS?

The officers of *INFORMS-CS* welcome your suggestions for any modifications of these policies, as well as any ideas you have for providing additional resources or services. We are excited about exploiting the new technologies to foster communication and collaboration among our members, as well as reaching out to the simulation community at large.

Susan Sanchez

INFORMS College on Simulation Treasurer's Report

Net Worth
31 December 1999

ASSETS	
Cash and Bank Accounts	
INFORMS Account*	6,044.70
Dues Deferred to 2000	884.50
INFORMS-CS Checking	7,544.31
TOTAL Cash and Bank Assets	14,473.51
TOTAL ASSETS	14,473.51
LIABILITIES	
Outstanding Checks	1,140.00
NET WORTH	13,333.51

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 Mercantile BankN.A., account number 151030282-9, Creve Couer branch office, P.O. Box 524, St. Louis, MO 63166-0524.

2000 Year-to-Date Cash Flow report
10 April 2000

INFLOWS*	
Dues Income (estimate)	2,581.50
WSC'99 Seed Return	2,000.00
TOTAL INFLOWS	4,581.50
OUTFLOWS	
WSC 2000 Seed Money	2,000.00
'99 Distinguished Service	733.50
'99 Best Publications	500.00
'99 CUMW Awards	348.88
'99 Ph.D. Colloquium	560.00
Misc. Supplies/Copies	41.77
Bank Charges/Software	.80
TOTAL OUTFLOWS	4,184.95
NET CASH FLOW (estimate)	+396.55

*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 3/31/00 pending official figures from the *INFORMS* office.

Respectfully submitted by Susan M. Sanchez, Secretary/Treasurer, April 11, 2000.

Report on the INFORMS College on Simulation Business Meeting, INFORMS Fall Meeting, Philadelphia, November 9, 1999

Michael R. Taaffe, President, presiding

PRELIMINARIES: The meeting was called to order by President Michael Taaffe. The other six in attendance introduced themselves to the group.

REPORTS: Susan Sanchez circulated the minutes from the Cincinnati '99 business meeting for approval, and gave the Treasurer's report. An updated version is available in this newsletter.

Mike Taaffe had several announcements. He requested that those interested in organizing sessions or presenting papers at the Spring *INFORMS* conference in Salt Lake City should submit proposals as soon as possible. He also reported that a new committee would be formed to look at society (rather than subdivision) status for the *College*. Finally, he mentioned that at WSC'99, all awards except the *Lifetime Achievement Award* would be given out at the business meeting.

OLD BUSINESS: The *INFORMS-CS* home page address is www.informs-cs.org. Updates on the status of the *INFORMS-CS Archive* and *History* projects were given.

NEW BUSINESS: The new members of the Publication Award Committee were announced. They are Perwez Shahabuddin (Columbia University) and Michael Fu (University of Maryland at College Park).

OTHER BUSINESS: The meeting concluded with a discussion about the role of *INFORMS-CS* at the *INFORMS* conferences. The number of Simulation sessions have been dropping over the years, and one concern with the *INFORMS* move to a single large Fall meeting (with specialty conferences in the Spring) is that the College on Simulation presence will deteriorate further. On one hand, the College has a chance to exert more influence, particularly if it becomes a *Society*. On the other hand, timing issues may make it difficult for many to attend *INFORMS* in early November, followed by WSC in early December. If papers given at the Fall *INFORMS* meeting duplicate or preview those at WSC, then it's difficult to attract people to both. Attendees briefly discussed possible themes for *College* participation in the Spring specialty conferences, as well as the relative attractiveness of the job fairs to different constituent groups. The meeting was then adjourned.

Respectfully submitted by Susan M. Sanchez, Secretary/Treasurer

Report on the INFORMS College on Simulation Business Meeting, WSC'99, Phoenix, December 7, 1999

Michael R. Taaffe, President, presiding

PRELIMINARIES: The meeting was called to order by President Michael Taaffe. Over 120 people were in attendance. The officers of the College were introduced to the group.

REPORTS: *INFORMS-CS* representatives to the *WSC* Board of Directors are James R. Wilson, W. David Kelton (outgoing) and Barry L. Nelson (incoming). Jim reported that there were 660 paid registrations and 760 total registrations for *WSC '99* as of that afternoon.

Mike Taaffe reminded the attendees to stay around after the business meeting to enjoy the *INFORMS-CS* reception and the Alan Pritsker Reception (co-sponsored by the Purdue University Schools of Engineering, The Ohio State University Industrial & Systems Engineering Dept, and the FOA).

Susan Sanchez referred people to the Fall 1999 *INFORMS-CS* newsletter for minutes of the Spring 1999 business meeting (*INFORMS Cincinnati*). Minutes of the Fall 1999 business meeting (*INFORMS Philadelphia*) will be included in the Spring 2000 *Newsletter*.

John Charnes requested all with an interest in attending the Spring 2000 *INFORMS* meeting in Salt Lake City to submit session proposals and papers as soon as possible.

Susan Sanchez gave the treasurer's report. In round figures, the College's net worth is about \$12,200. It has been bringing in about \$7,000 a year and spending about \$11,000 per year, so the net trend does not look healthy.

Susan noted that a close inspection of business meeting minutes from several years ago showed that the *College* had approved a dues increase from \$5 (for *INFORMS* members) to \$6. This increase had never been implemented. She proposed increasing dues to \$10 for regular members of *INFORMS*, \$5 for students and retirees, and \$20 for non-*INFORMS* members. *INFORMS* dues changes would be effective for the year 2001. This should roughly double the *College's* dues income to about \$5,000. The proposal was seconded and passed unanimously.

The *Newsletter* distribution was then discussed, since costs run about \$2,000/year and represent a major expense. A proposal was made to limit hard-copy distribution of the newsletter. Instead, the college will send e-mail to all *INFORMS-CS* members notifying them (and providing the web address) each time a new newsletter comes out. A provision will be made to provide paper copies to our members who do not have ready access to the web. The motion was second and passed by an overwhelming majority.

Brief reports were then given by several standing committees. Dave Goldsman, representing the Membership Committee, stated that the *College* had "lots of members" and was continuing to look for ways to reach out for more. Dave also announced that the Under-represented Minorities and Women committee hosted six graduate students and one advisor for the conference.

Jim Wilson reported that the *INFORMS-CS Archives* project was getting new material from Ingolf Stohl and Bob Sargent. Jim also reported that the *INFORMS-CS History* project had tracked down Naylor, but was still searching for someone who knew how the *College* was founded.

Felisa Vazquez-Abad (Web Editor) gave a preview of new features that will appear on the web pages. These include a bulletin board,

listserv, job listings and resume postings, teaching materials, and M.S. and Ph.D. thesis links.

Jim Wilson (Consulting Web Editor) discussed the possibility of placing all recent and future *WSC* proceedings on the web. There will be a bit of delay between the conference and posting the proceedings so their availability is not a disincentive to attend *WSC*. Bob Sargent asked whether libraries would stop purchasing hard copies. Jim responded no - they want archived materials in a permanent form. Others felt posting the proceedings was a natural next step and would improve the visibility and stature of the *College*. Jim asked to be empowered to seek permission from the *WSC* Board to pursue this option. His request was passed by overwhelming majority.

Simulation Area Editors' Reports appeared in the Fall *Newsletter*. David Kelton is stepping down as Area Editor of *Operations Research*. Michael Fu is his replacement.

Jeffrey Smith reported that the Ph.D. Colloquium was once again a success. A planned change for next year is to hold the colloquium before the poster session so people have a chance to ask questions afterwards.

Keebom Kang reported on *WSC'00*. There will be one new track and three new minitracks, with a big military presence.. Twenty volunteers for track coordination have been arranged. This year there will be paperless paper submission. A web-based interface and electronic refereeing will facilitate more international involvement in the conference.

OLD BUSINESS: Skipped due to time constraints.

NEW BUSINESS: Mike Taaffe called for nominees for the upcoming *INFORMS-CS* officer election.

John Charnes asked people to consider the future of *INFORMS-CS* sponsored sessions in light of the new *INFORMS* meeting structure.

HONORS AND AWARDS: Justin Boesel (Northwestern University Department of Industrial Engineering and Management Science, advisor: Barry Nelson) received the 1999 *George Dantzig Best Dissertation Award* at the Philadelphia *INFORMS* meeting. This was the first time the award was given to a simulation dissertation.

Sheldon Jacobson presented the *Outstanding Publication Award* to Pierre L'Ecuyer. Pierre thanked several colleagues for their support and participation in early efforts.

Bruce Schmeiser presented the *Distinguished Service Award* to Jerry Banks for over 20 years of service to the profession. Jerry described seminal events in his life (including his initial involvement with *WSC*).

Dave Goldsman presented the *Lifetime Achievement Award* to Alan Pritsker. Alan introduced his family and recounted his delight in working in the simulation field over the years. He stressed the need for maintaining credibility and accountability in simulation.

All awardees received hearty rounds of applause from the floor.

The meeting was then adjourned and the reception began.

Respectfully submitted by Susan M. Sanchez, Secretary/Treasurer

Alan Pritsker Receives LPAA Award

Alan Pritsker received the *INFORMS-CS Lifetime Professional Achievement Award* at WSC'99. The award was presented by David Goldsman. David's presentation remarks are summarized below. The photograph shows Dr. Pritsker describing his career in simulation during the *College* business meeting.



Remarks of David Goldsman:

Tonight I would like to honor Alan Pritsker with the presentation of the *INFORMS College on Simulation's Lifetime Professional Achievement Award* --- here in the informal atmosphere of the *College* business meeting. The Award recognizes major contributions to the field of computer simulation that are sustained over a professional career. The winner may qualify based on one or more of six areas: research, practice, dissemination of knowledge, development of software or hardware, service, advancement of the status of the field. Alan is that rare individual who could have won the Award based on his contributions in *any* of the areas, let alone all six!

Let me start by putting giving some examples showing how longstanding Alan's commitment to simulation has been --- easily over 40 years: from fighting to use simulation for research and consulting at Battelle to teaching and developing simulation languages at ASU to advancing the state-of-the-art in research and language development at Purdue and Pritsker and Associates to leading projects of major societal importance. I will now touch on just a few of the accomplishments that exemplify Alan's impact on our profession.

Leadership in Professional Societies. By his leadership in various professional societies and governmental organizations over the past 40 years, Alan has contributed significantly to the dramatic growth of the field of simulation as well as the larger fields of IE and OR. To this end, Alan was awarded the *Frank and Lillian Gilbreth Industrial Engineering Award* in 1991. Its citation reads: *This award is the highest and most esteemed honor presented by the IIE and recognizes individuals who have distinguished themselves through contributions to the welfare of mankind in the field of industrial engineering.* The contributions are of the highest caliber and are nationally and internationally recognized. Alan also enjoys the singular distinction of being the only individual in IIE's history to be honored with a special issue of IIE Transactions on the occasion of that person's retirement --- that issue will be published next year. Of course, Alan has also served the *Winter Simulation Conference* in many capacities, most notably as WSC Board representative from IIE and our *College* over the years. Leadership in the National Academy of Engineering. The NAE is an organization of national importance and influence --- both on the educational and political sides of things. Alan was the second industrial engineer to be elected to the Academy. He has since served the Academy in many capacities. Perhaps most important to us, he has encouraged the Academy to elect other IE's, and so has directly enhanced the importance of our field on the national level.

Research and Teaching. Alan is recognized world-wide for his advancement of the theory and methodology of discrete and combined simulation, as well as simulation environments. Alan is also widely known for his work in simulation output analysis and variance reduction techniques. Even now, Alan is developing new ranking and selection methods to select the best of a number of alternative simulation scenarios with precise statistical guarantees. Alan loves to teach and mentor students at all levels. He has also produced a progeny of exceptional Ph.D. students --- among them, Hank Grant, Southwestern Bell Professor at The Univ. of Oklahoma, Hamdy Taha, University Professor at The Univ. of Arkansas, Gary Whitehouse, Provost, University of Central Florida, Jim Wilson, Chair of IE at North Carolina State, Nick Hurst, General, US Army.

Applications. Alan's work is driven by real-world practice. He has made countless contributions in this regard. Two examples are his work with policy analysis for organ transplantation, and, in the area of manufacturing, real-time factory control. Over the past five years, Alan has led the development and use of large-scale simulation models of various operations of the United Network for Organ Sharing (UNOS). In particular, the UNOS Liver Allocation Model (ULAM) has been used to compare proposed policies for allocating donated livers to patients awaiting a transplant. This work included state-of-the-art modeling and statistical analysis techniques, resulting in a number of archival publications. But partially on the basis of Alan's extensive analyses of ULAM-generated predictions of the effects of implementing various policies, UNOS made a highly publicized change to its liver-allocation policy in January 1997. In June 1998, Alan testified to Congress on the results of his comparison of the current policy vs. a sickest-patient-first national waiting list; shortly thereafter, Congress authorized the continuation of the current policy for a year pending and independent review by the National Academy of Sciences. This is a remarkable example of the definitive practice of simulation in addressing ultimate questions of life and death.

Many of us would not be here today if it were not for Alan. Just look at this small sampling of the lives he has touched. On the academic side of things, for instance, Bruce Schmeiser might never have decided to go to Purdue if Alan had not been doing simulation there. Jim Wilson would probably have ended up in a different field than simulation. Lee Schruben and David Kelton have told me that they might not have been where they are today without the foundations laid down by Alan. And then additional generations would never have been spawned: Barry Nelson, Keebom Kang, Enver Yucesan; the list goes on and on. On the applied side, Alan was doing things with simulation 25 years ago that have ultimately evolved into the bountiful variety of simulation languages that we see today. His ideas have certainly influenced generations of simulation language developers and modelers.

Clearly, in all ways, Alan has advanced the status of our field, so let's congratulate my wonderful friend on this outstanding achievement.

L'Ecuyer Receives 1999 Outstanding Simulation Publication Award

The *INFORMS College on Simulation* presented its 1999 *Outstanding Simulation Publication Award* to Professor Pierre L'Ecuyer of the University of Montreal for his contributions to the field of uniform random number generation, that are covered in a series of two articles (published in 1996) entitled "Combined Multiple Recursive Random Number Generators," *Operations Research*, 44(5), 816-822, 1996, and "Maximally Equidistributed Combined Tausworthe Generators," *Mathematics of Computation*, 65(213), 203-213, 1996.

The presentation took place on December 6, 1999, at the *Winter Simulation Conference* in Phoenix, Arizona. The Award is intended to recognize outstanding contributions to the simulation literature. Journal articles, proceedings articles, books, and monographs copyrighted in 1996, 1997, and 1998 were eligible for the 1999 award. In 1999, the award selection committee consisted of Michael Fu (University of Maryland), Perwez Shahabuddin (Columbia University), and Sheldon H. Jacobson (University of Illinois at Urbana-Champaign).

Professors L'Ecuyer's papers provide a seminal contribution on the design and implementation of uniform random number

generators (RNGs) for discrete event simulations. Uniform RNGs typically available in popular simulation software packages often have period lengths that are too short, and sometimes have major deficiencies calling into question their good statistical properties. The simple structure that makes certain generators very fast is also (typically) the source of their statistical deficiencies, which sometimes lead to incorrect simulation results. To address this severe problem and limitation, Professor L'Ecuyer proposed and studied techniques that combine different types of uniform RNGs, hence obtains a new class of generators with a more complex structure than each of its components, yet whose implementation remains simple and fast.

In addition to the fundamental significance of these results, major simulation software vendors are working to incorporate these generators into their next major software updates, further illustrating the practical value and utility of this important work.

Sheldon H. Jacobson

Jerry Banks Receives Distinguished Service Award

Jerry Banks received the *INFORMS-CS Distinguished Service Award* at the 1999 Winter Simulation Conference in Phoenix. Details of the award ceremony will be published in the Fall 2000 Newsletter.

Obituary: Carl Harris

We are very sorry to announce the death of our friend and colleague, Carl M. Harris. Carl was a superb researcher and teacher, but most of all Carl was a friend to many of us, a man willing to help out anyone at any time. Carl Harris was the *BDM International Professor of Operations Research* in the Department of Systems Engineering and OR, in the School of Information Technology and Engineering at George Mason University. Carl has served as Associate Dean and as Department Chair at GMU. Before coming to GMU, Carl had been Professor of Systems Engineering at University of Virginia, Department Chair of the Industrial Engineering Department of Syracuse University, and Professor of Operations Research at George Washington University. Both of his graduate degrees were in mathematics, with minors in industrial engineering and operations research from the Polytechnic Institute of Brooklyn.

He was the author or co-author of approximately 80 papers in the refereed professional literature, co-author with Donald Gross of three editions of a prominent textbook on queueing, *Fundamentals of Queueing Theory*, co-editor of three volumes of research papers, and co-author of two large software packages for queueing analyses. He was also co-editor with Saul I. Gass of *The Encyclopedia of Operations Research and Management Science*



published in 1996. His general research interests include applied probability and statistics, queueing theory, simulation, and public systems analysis, and queueing models for Internet traffic engineering. He was a president of the *Operations Research Society of America* and an associate editor for three operations research journals.

Over the years, Carl was a very active consultant to government and industry, most recently to the U.S. Departments of Commerce, Energy, Justice, and Treasury, as well as to NASA and GAO. He is listed in "Who's Who in the World," "Who's Who in Engineering," and "American Men and Women of Science" and was elected to membership in Tau Beta Pi, Sigma Xi, and Omega Rho. He was winner of the 1999 *INFORMS George E. Kimball Medal*, in recognition of his many years of distinguished service to the society and to the profession of operations research.

From the GMU Web Page

http://www.gmu.edu/departments/seor/sad_announcement.html

WSC'00: *The New Simulation Millennium*

2000 Winter Simulation Conference

December 10-13, 2000

Wyndham Palace Resort & Spa

Orlando, Florida USA



The 2000 *Winter Simulation Conference* will be held at the Wyndham Palace Resort and Spa in Orlando Florida. For additional information on WSC'00, see the web site www.wintersim.org contact Paul Fishwick, the WSC'00 General Chair (University of Florida, Gainesville, Florida 32611, Phone (352) 392-1414, Fax (352) 392-1414, e-mail fishwick@cise.ufl.edu), or Keebom Kang, the WSC'00 Program Chair, Naval Postgraduate School, Monterey, CA, 93943, Phone: (831) 656-3106, Fax: (831) 656-3407, e-mail (kkang@nps.navy.mil). There will be more news in the Fall Newsletter. Of immediate interest to *INFORMS-CS* members are the Ph.D. Colloquium and the process for submitting the final versions of conference papers.

Ph.D Colloquium Submission Information

The *INFORMS* College on Simulation invites Ph.D. students to present short research summaries on Sunday afternoon, December 10, 2000. 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 be 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 Jeffrey S. Smith at jsmith@eng.auburn.edu. The deadline for submissions is September 1, 2000. The College on Simulation provides a \$50 honorarium and a \$30 reimbursement for the conference registration for those students that are accepted and participate. Professor Robert G. Sargent of Syracuse University will be the keynote speaker for the Ph.D. Colloquium.

Electronic Paper Submission

Accepted papers will be published in the both the print volume and CD-ROM versions of the conference proceedings. Both of which 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 following:

Keebom Kang, Program Chair, WSC'00
Department of Systems Management
Naval Postgraduate School
Monterey, CA 93943-5103 USA
Phone: (831) 656-3106
Fax: (831) 656-3407
E-mail: kkang@nps.navy.mil

Russell Barton, *Proceedings* Co-editor
Industrial Engineering, Penn State
209 Leonhard Building
University Park, PA 16802 USA
Phone: (814) 863-7289
Fax: (814) 863-4745
E-mail: rbarton@psu.edu

Jeff Joines, *Proceedings* Co-editor
Industrial Engineering, N.C.State
P.O. Box 7906
Raleigh, N.C. 27695-7601 USA
Phone: (919) 515-5188
Fax: (919) 515-1543
E-mail: jjoine@eos.ncsu.edu

Authors should use the templates available at <http://www.wintersim.org/authkit.htm> to prepare their manuscripts.

Jeff Joines is Wintersim Listserv Moderator

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 subscribername

where *subscribername* 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.

Jeff Joines

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 2000 Winter Simulation Conference in Orlando, Florida.

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, 2000:

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.

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

By Michael Taaffe, Area Editor, April 26, 2000

Since the last report to the INFORMS-CS *Newsletter* (April 1999) no new papers have been submitted. The status of current papers is as follows:

Papers submitted in the first quarter of 2000:	3
Papers rejected in the first quarter of 2000:	2
Papers reviewed and the revision is with the author:	3
Reviews not yet received:	5
Vestigial Papers (revisions with the authors for a few years):	3

The Area Policy statement (in LaTeX input format) is in the file `area policy.tex` and may be obtained by anonymous ftp to `econqa.cba.uc.edu` (`cd pub/keltond/joc`), or via the web to `ftp://econqa.cba.uc.edu/pub/keltond/joc/areapolicy.tex`.

The Area Editor is Michael R. Taaffe. The Associate Editor for the Simulation area is Paul Fishwick (University of Florida, `fishwick@cise.ufl.edu`).

Report on the Simulation Area for *Operations Research*

By Michael Fu (aided by David Kelton), Area Editor, May 2, 2000

Michael Fu took over from David Kelton as Simulation Area Editor on January 1, 2000.

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.

Problem-specific algorithms are not appropriate unless wider applicability can be demonstrated. For instance, control variate strategies that have broader implications in financial engineering settings and not just to a particular option pricing problem would be appropriate, whereas applications that apply standard, well-known techniques will not be considered. Particular methodologies of interest include those in traditional areas such as output analysis, input analysis, random number and random variate generation, model verification and validation, and variance reduction (efficiency improvement) techniques.

Simulation has advanced to the point that it is a well-accepted tool in many industries. This is clearly reflected in the proliferation of the software tools that are available to users (modelers), all of which require no understanding of the internal workings of simulation and minimal knowledge of advanced statistics.

While it is not the intent of this area to promote commercial developments, the area is interested in technologies that “take the next step,” in the sense of developing techniques that have the potential of eventually being adopted into software. For example, one very recent trend has seen commercial simulation software start to include some basic optimization procedures, such as search procedures based on metaheuristics or ranking and selection (multiple comparison) procedures based on rigorous statistical grounds. We welcome submissions on cutting edge technologies in areas that involve the interface with optimization, such as those just mentioned and including gradient estimation techniques.

All papers should clearly state in the introduction the significance of the contribution in the context of existing knowledge and/or the current state of the art. In the case of theoretical papers,

examples to complement mathematical proofs would be helpful, including numerical illustrations and computational experiments. Empirical studies should include a design of experiments that covers a substantially broad class of cases, along with sufficiently detailed descriptions of the procedures to allow the results to be reproduced, up to sampling differences. Some measurement of precision (e.g., standard errors or confidence intervals) should be provided in the reporting of all experimental results.

In sum, the focus of the simulation area is on methodologies that advance the current state of simulation knowledge and practice, and the primary criterion for acceptance will be a significant research contribution along this vein.

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
301-405-2241 (voice)
301-405-8655 (fax)
707-897-3774 (fax)
mfu@rhsmith.umd.edu

Detailed submission information can be found on the *Operations Research* journal web page:

<http://grace.wharton.upenn.edu/~harker/opsresearch.html>

Associate Editors for the Area are Sigrun Andradottir (Georgia Tech, currently on sabbatical at Princeton University), 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).

Since the last report, given by David Kelton on September 30, 1999, there have been four new submissions, five resubmissions, one acceptance, and two rejections. In all, there are currently twelve papers in various stages of the reviewing and revision process; four are classified as late in terms of getting back to the authors.

Job Placement – Job Search Resources for Simulationists

Job opportunities for simulation professionals are posted on the SNET web page:

<http://stochastic.stanford.edu/~simlib/jobs/Apr2000.html>,

and regularly in the electronic SNET Digest. To subscribe to the Digest, send e-mail to snet@or.stanford.edu. European members may want to visit the *SCS International* web site: <http://hobbes.rug.ac.be/~scs>.

In addition, *INFORMS* members should be aware of the extensive job placement resources that *INFORMS* offers – more than 90 companies and 400 applicants used these resources last year. See:

<http://www.informs.org/employment.html>.

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

By Paul Glasserman, Departmental Editor, April 26, 2000

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.

Since the time of our last report (September 21, 1999) to date, we have received a total of 24 new submissions, of which 6 were rejected, 8 were accepted and 10 are still under review. Six of the papers accepted by the Department will appear as a focused section of an upcoming issue.

The Associate Editors for the Department are:

Thanos Avramidis (Cornell University), Jim Dai (Georgia Tech), Michael Fu (University of Maryland), Tava Lennon Olsen (University of Michigan), Perwez Shahabuddin (Columbia University), Jan Van Miegham (Northwestern University), and Garrett Van Ryzin (Columbia University).

Marion Hedger, for

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

INFORMS Salt Lake City: May 7-10, 2000

Theme: Soaring to New Heights

Increase your visibility and networking opportunities by experiencing "Soaring to New Heights," INFORMS Spring National Meeting, to be held in Salt Lake City on May 7-10, 2000. For further information on the conference, see <http://www.informs.org/Conf/SaltLake2000/> or contact John Charnes.

Summary of College –Sponsored Sessions

Robust Selection Procedures for Computer Simulation: SD21 Sunday 15:00-16:30

SD21.1 A Comparison of Procedures to Select the Best System, Stephen E. Chick, Koichiro Inoue

SD21.2 Robust System Selection, Susan M. Sanchez

SD21.3 Robustness of Ranking & Selection Procedures, David Goldsman, William Marshall

Design of Simulation Studies: MB21 Monday 10:30-12:00

MB21.1 Simulation Optimization using Iterative Statistical Selection, Siggi Olafsson, Jumi Kim

MB21.2 Bayesian Methods for Response Surfaces, Stephen E. Chick, Szu Hui Ng

MB21.3 Linking Model Simulation & Data Collection in Simulation Studies, Michael B. Freimer, Paul Hyden

Simulation in Production: MC21 Monday 14:15-15:45

MC21.1 Simulation as a Factory Operating Tool Establishing Production Pay Targets, Gordon D. Rehn

MC21.2 Modeling Complex Operator Task Selection using Simulation Language Extensible in Machining & Assembly Environments, Timothy G. Miller

MC21.3 A 10-year-old assembly and paint system is not able to keep up with current production requirements, David Graehl

Simulation in Industry: MD29 Monday 16:00-17:30

MD29.1 Demands of Supply Chain Applications on Simulation Techniques, Deb Sadowski, Thomas Clausen

MD29.2 Effective Strategies for Building Large-Scale Simulation Models in a Collaborative Environment, Russ Workman

MD29.3 Simulation Applications in Service Industries, David Ferrin

Remember to Attend the College Business Meeting

Sunday, May 7, 6:15pm – 7:15pm Room 255C Salt Palace Convention Center

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, 1999. 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 2000 *Winter Simulation Conference* in Orlando, Florida.

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

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

W. David Kelton
Department of Quantitative Analysis and Operations Management
College of Business Administration, Lindner Hall
University of Cincinnati
Cincinnati, Ohio 45221-0130, USA
Email: david.kelton@uc.edu
Phone: +1-513-556-0404
Fax: +1-513-556-5499

This address is sufficient for next-day delivery services.

Call for Information on OR/MS in the Digital Economy

We are co-editing a special issue of *Interfaces* (scheduled for November-December) on OR/MS in the digital economy. Comprising 9 papers already commissioned, this issue covers both OR/MS applied to e-business (including its enabling infrastructure) and OR/MS technology enablement by the Internet and Web. A companion Website will carry supplementary materials.

We are now writing a survey paper covering the current e-business landscape from the point of view of the OR/MS practitioner. If you know of applied work pertinent to this topic, kindly advise us so that we can consider it in this connection. As a follow-on to the special issue, we will host a new e-Business Forum in *Interfaces* that will publish full-length papers and shorter notes. The work you bring to our attention also will help to inform that undertaking. In addition, we invite you to advise us of current applicable research in this area, since we are beginning to work on a special issue of *Management Science* on OR/MS in the digital economy.

Thank you for your cooperation.

Arthur Geoffrion, The Anderson School, UCLA, ageoffri@anderson.ucla.edu
Ramayya Krishnan, The Heinz School, CMU, rk2x+@andrew.cmu.edu

Call for Nominations INFORMS College on Simulation 2000 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 2000 should be sent by October 1, 2000, to the Award Committee Chair:

Perwez Shahabuddin
Dept. of Industrial Engineering and Operations Research
331 S.W. Mudd Building
500 West 120th Street, MC 4704
Columbia University
New York, NY 10027
E-mail: perwez@ieor.columbia.edu
Phone: 212 854 1477
Fax: 212 854 8103

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 1996, 1997, 1998, and 1999 are eligible for the award to be presented in 2000. 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. a copy of the written work, including all bibliographical information (in the case of books, the Awards Committee will obtain copies);
- b. a short statement suitable for reading at the award ceremony if the work is chosen; and
- c. any other information thought relevant by the nominator.

If given, the Outstanding Simulation Publication Award will be presented at the *Winter Simulation Conference*, Orlando, Florida, December 10-13, 2000.

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

INFORMS College on Simulation E-mail Directory

Because we have moved to an electronic *Newsletter*, e-mail listings are now available electronically at the WWW site:

<http://www-personal.engin.umich.edu/~sechick/cos/email.htm>.

The list is created automatically by querying the *INFORMS* registration database. This allows us to offer a complete e-mail list that is current, rather than being updated only twice a year. Individual *INFORMS-CS* members are responsible for updating their entries via the *INFORMS* page. The address of the *INFORMS* page for updating your address is: <http://www.informs.org/Dir/>. If you have questions or difficulties, please contact Steve Chick (sechick@engin.umich.edu).

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Event Calendar

By Steven Chick, Associate Newsletter Editor, April 28, 2000

Agent-Based Simulation, Workshop 2000, Passau, Germany, May 2-3. Contact: Rainer Rimane. Email: rimane@informatik.uni-erlangen.de WWW: <http://www.or.uni-passau.de/workshop2000/>

MOSIS'2000 34th Int. Conference on Modelling and Simulation of Systems, Czech Republik, May 2-4. Contact: Jan Stefan, FEI -VSB TU, Ostrava, tr. 17. listopadu, CZ-70833 Ostrava Poruba. Email: jan.stefan@vsb.cz. WWW: http://eurosimsim.tuwien.ac.at/eurosimsim/csss/csss_events.html

INFORMS Spring 2000 Meeting, Salt Palace Convention Center, Salt Lake City, Utah. May 7-10. See the description on page 11.

9th Annual Industrial Engineering Research Conference (IERC), Cleveland, Ohio. May 21-23. Contact: Lesia L.Crumpton or John M.Usher, FAX: 662-325-7618. Email: ierc@ie.msstate.edu. WWW: <http://www.ie.msstate.edu/ierc2000>

Industrial Engineering Solutions 2000, Cleveland, Ohio. May 22-24. Contact: Ellen Vagner, FAX: 770-263-8532. Email: evagner@iienet.org WWW: <http://www.iienet.org/>

14th European Simulation Multi-Conference (ESM 2000). Ghent, Belgium. May 23-26. Contact: Philippe Geril, SCS European Simulation Office, Tel.: +32-9 233 77 90, Email: Philippe.Geril@rug.ac.be, WWW: <http://tw18v.rug.ac.be/esm2k/index.htm>

PADS 2000: 14th Workshop on Parallel and Distributed Simulation, Bologna, Italy. May 28-31. Program Chair: David Bruce, Tel: +44 1684 895112, FAX: +44 1684 894389, Email: dib@dera.gov.uk, WWW page: <http://siwg.eris.dera.gov.uk/~pads2000/>

SIGMETRICS 2000: ACM SIGMETRICS Conference on the Measurement and Modeling of Computer Systems, Santa Clara, California. June 18-21. Program Chair: Alexandre Brandwajn, U. California Santa Cruz, Email: alexb@cse.ucsc.edu. WWW: <http://www-net.cs.umass.edu/sigmetrics2000/>

INFORMS-KORMS, SEOUL 2000. Seoul, Korea. June 18-21. General co-chairs: Chaiho Kim (INFORMS), Santa Clara University. Phone (408) 554-6832, Email: ckim@scu.edu, and Dong-Wan Tcha (KORMS), KAIST, Seoul, Phone (+82-2) 958-3377. Email: tchadw@sorak.kaist.ac.kr. WWW: <http://informs.scu.edu/seoul/>

FOODSIM'2000, International Conference on Simulation in Food and Bio Industries, Nantes, France, June 26-27. Contact: Philippe Geril, SCS European Office, University of Ghent, Phone: +32 9 2337790 FAX: +32 9 2334941 Email: Philippe.Geril@rug.ac.be WWW: <http://www.enitiaa-nantes.fr/scs/website20.htm>

FAIM 2000-Flexible Automation Intelligent Manufacturing, Univ. Maryland - College Park, June 26 - 28, Tel: 1-301-405-3563, Fax: 1-301-314-9920, Contact: Dr. Zhang, Email: zhang@eng.umd.edu, WWW: <http://www.faim2000.isr.umd.edu/faim/>

Fifth Conference of the Association of Asian-Pacific Operations Research Societies within IFORS (APORS 2000), Singapore, July 5-7, WWW: <http://www.comp.nus.edu.sg/~phuakh/apors.html>

2000 SIAM Annual Meeting (AN00), Western Rio Mar Beach Resort and Country Club, Rio Grande, Puerto Rico, July 10-14. Organizers: Tony F. Chan, University of California, Los Angeles, Richard A. Tapia, Rice University. WWW: <http://www.siam.org/meetings/an00/>

2000 Summer Computer Simulation Conference (SCSC 2000 and SPECTS 2000), Vancouver, B.C. Canada, The Coast Plaza Suite Hotel, at Stanley Park. July 16-20, 2000. Contact Bill Waite, Email: Bwaite@AEGistg.com. WWW: <http://www.scs.org/confernc/scsc00/scsc2000cfp.html>

IASTED International Conference on Applied Simulation and Modelling (ASM 2000), July 24-26, Banff, Alberta, Canada, Email: calgary@iasted.com, Web: <http://www.iasted.com/conferences/2000/banff/asm.htm>

2000 International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA'2000), Las Vegas, Nevada, June 26-29, Contact: Hamid R. Arabnia, Tel: (706) 542-3480, Email: hra@cs.uga.edu, WWW: <http://www.ashland.edu/~iajwa/Conferences/PDPTA2000/pdpta.html>

Fourth International Workshop on Queueing Networks with Finite Capacity (QNETS 2000), Ilkley, West Yorkshire, U.K., July 20-21, Contact: Prof. Demetres Kouvatso, Tel.: +44-1274-233941, Fax: +44-1274-233920, Email: D.D.Kouvatso@comp.brad.ac.uk, WWW: <http://dcsun3.comp.brad.ac.uk/Events/QNETS2000/>

The Third ACM International Workshop on Modeling, Analysis and Simulation of Wireless and Mobile Systems (ACM MSWiM 2000), Boston, Massachusetts, August 11, Contact: Azzedine Boukerche, Tel: 940-565-4869, Email: boukerch@cs.unt.edu, WWW: <http://www1.tlc.polito.it/mswim/index.html>

5th Workshop on Discrete Event Systems (WODES 2000), Ghent, Belgium, August 21-23, Email: wodes2000@systems.rug.ac.be, WWW: <http://systems.rug.ac.be/wodes2000>

16th IMACS WORLD CONGRESS 2000 on Scientific Computation, Applied Mathematics and Simulation. Lausanne, Switzerland, August 21-25. WWW: <http://imacs2000.epfl.ch/Home-page.htm>

28th International Conference on Computers & Industrial Engineering, Beijing, China, August 23-25. Contact: Prof. Wang Ruigang, Tel.: +86-10-6859 5318 Fax: +86-10-6859 5314, Email: cmes@126.com, WWW: <http://www.umoncton.ca/cie/index.html>

Fourth IEEE International Workshop on Distributed Simulation and Real Time Applications, San Francisco, California, August 25-27, Contact: Azzedine Boukerche, Email: boukerche@cs.unt.edu, WWW: <http://www.cs.unt.edu/~boukerch/DS2000/>

MASCOTS 2000: Eighth International Symposium on Modeling, Analysis and Simulation of Computer and Telecommunication Systems, San Francisco, California, August 29-September 1, Contact: Thomas Braunl, Email: braunl@ee.uwa.edu.au, WWW: <http://www.ee.uwa.edu.au/~mascots/>

8th IEEE International Conference on Networks, Singapore, September 5-8, Email: icon@comp.nus.edu.sg, WWW: <http://www.comp.nus.edu.sg/~icon/>

IEEE International Conference on Control Applications & IEEE International Symposium on Computer-Aided Control Systems Design, Anchorage, Alaska, September 25-27, Contact: Pradeep Misra, Tel: (937) 775-5062, Email: pmisra@cs.wright.edu, WWW: <http://www.wright.edu/~pmisra/CCA2000/>

European Simulation Symposium (ESS) 12th ESS'2000, Hamburg, Germany. September 28-30, Contact: Prof. Dr.-Ing. D.P.F. Möller, dietmar.moeller@informatik.uni-hamburg.de, WWW: <http://www.informatik.uni-hamburg.de/TIS/ESS2000.html>

INFORMS Fall 2000. San Antonio Texas, November 5-8. Contact: Way Kuo, Tel: 409-845-4347, Email: way@acs.tamu.edu, WWW: <http://ie.tamu.edu/informs2000/>

2000 Winter Simulation Conference (WSC 2000), Orlando, Florida, Wyndham Palace Resort & Spa (Walt Disney World), December 10-13, Contact: David Haberstroh, Talley Management Group, Tel: (856) 423-7222 x217, Email: dhaberstroh@talley.com, WWW page: <http://www.wintersim.org/>

EUROSIM 2001 and 2nd Conference on Modelling and Simulation in Biology, Medicine and Biomedical Engineering, Delft, The Netherlands, June 26 - 29, 2001, Contact: Mrs. T. Tijanova, Fax: +31 15 2787209, Email: Eurosimsim2001@PA.Twi.TUdelft.nl, WWW: <http://iatms13.iatm.tuwien.ac.at/eurosimsim/>

President's Message (Cont.)

My closing thought in this, my last *President's Message*, is again about volunteerism in the *College*. I have rarely been involved with a set of people that are more congenial, welcoming, and a true pleasure to work with than the officers and volunteers in the *INFORMS College on Simulation*. So I would like to encourage all members --- particularly new members --- to become involved in *College* committees. Becoming involved is a great way to meet a wonderful set of people who are dedicated to the simulation profession. For both new professional simulation practitioners and new assistant professors --- **volunteer** --- and you will immeasurably benefit both professionally and personally!

And finally to the membership --- thanks for allowing me to serve!

Michael R. Taaffe, INFORMS-CS President

INFORMS College on Simulation Ballot for Election of New Officers

To vote for officers of the *College*, return the ballot below by mail, e-mail or fax by May 31 to:

Michael R. Taaffe
Department of Operations and Management Science
CSOM Bldg. room 3-205
University of Minnesota
Minneapolis, MN 55455
FAX: 612/624-8804 Email: taaffe@tc.umn.edu

Vice President/President-elect

- Sheldon Jacobson
- Susan Sanchez
- _____
(write-in)

Secretary/Treasurer

- Russell Barton
- _____
(write-in)

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

Your Name (printed) _____

Your Signature _____



S. Sanchez, Secy./Treas.
Operations Research Department
243 Glasgow Hall
Naval Postgraduate School
Monterey, CA 93943 USA