

INSTITUTE FOR OPERATIONS RESEARCH  
AND THE MANAGEMENT SCIENCES

# NEWSLETTER

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## President's Message

This is a time of transition for our organization: the INFORMS College on Simulation is poised to become the INFORMS Simulation Society. The paperwork has been filed, the decision was unanimously recommended at the last business meeting in December, and we have the overwhelming support of our membership. Only a few steps remain in the process, but we can't complete it without you.

First, it's once again time to elect new officers. Russell Barton (the current VP/President-Elect) will take over as President of the INFORMS College on Simulation in July. We have many fine candidates vying for the three open positions (VP/President-Elect, Secretary, and Treasurer)—they will begin their terms as officers of the INFORMS College on Simulation and then become the first group of officers of the INFORMS Simulation Society. Regardless of who is elected, it's clear that our organization will be in capable hands.

We must also enact new bylaws. Details about the transition and draft bylaws were e-mailed last month, and are posted on the website (<http://www.informs-cs.org/>). In short, these new bylaws follow our old ones very closely in terms of the dues, officers and elections, standing committees, meetings, and finances. There are also some changes. The "Purposes" of our organization have been expanded to reflect our current involvement in cosponsoring conferences, promoting education, and providing awards for contributions to the field of simulation. We also propose a Council to replace the former Executive Committee. The Council will consist of the Officers, the immediate Past President, and four elected Council members (at least one from outside the United States) who represent the breadth of the simulation community. We propose two new standing committees: one on Communications (to oversee the Newsletter and Website), the other on Awards (for nominating simulation professionals for outside awards). There are other minor changes to bring our bylaws in line with those for INFORMS Societies.

The bylaws will be discussed at a special business meeting at the CORS/INFORMS conference in Banff (Tuesday, May 18 at 5:30 p.m.). If you plan to attend the CORS/INFORMS meeting, your attendance at the business meeting is critical! According to our current bylaws, we need at least 15 members present in order to avoid delaying the process another six months. If you have suggestions or questions on the bylaws and will be unable to attend the business meeting, please contact me, Russell Barton, or Bob Sargent ([rsargent@syr.edu](mailto:rsargent@syr.edu)) before the meeting. Once new bylaws have been discussed, amended (if need be) and approved in the business meeting, we will send out a formal ballot to the full membership. The ballot for the Council members will also be distributed at this time. We have not yet finalized the slate of candidates for the Council, so contact me (soon!) if there is anyone you wish to nominate.

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## Editor's Corner

This newsletter celebrates the accomplishments of several fine folks. Barry Nelson received the college's distinguished service award and Peter Haas received the college's outstanding publication award. Bruce Schmeiser, David Kelton and Emily Lada have all won prestigious awards from IIE. Look for more on these awards later in the newsletter.

This newsletter also thanks Paul Glasserman and David Nicol for several years of fine service in major editorial roles, and introduces Perwez Shahabuddin and James Wilson who are taking over the reins in those roles.

I'd like to draw your attention to the ballot at the end of this newsletter. Yes, it's time to vote in another set of ~~victims~~ officers for the college. I'd like to comment on one particular option there: Ray Hill has been nominated for the Nobel prize – every one of them. He deserves your vote!

It's been a lot of fun editing this newsletter for the last couple of years. I think I've finally figured out how to do this job. Just in time to quit! Thanks to those who contributed articles and helped in other ways. In particular, thanks to Mike Kuhl and Pete Welch for doing such a super job.

*Cheers!*

*Shana Henderson*

Please pass along printouts of the newsletter to friends and colleagues, or let them know about 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. There are often additional special items, such as *WSC'04*, and upcoming *INFORMS* conferences. The WWW address for *WSC'04* 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 all non-*INFORMS* members is \$20.00; *INFORMS* members may join for \$10.00. The fee for students and retired members who are members of *INFORMS* is \$5.00.

**To join**, send name, address, and e-mail address (if applicable), with the appropriate fee, to Steve Chick (his contact information is on the cover). 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*, 901 Elkrige Landing Road, Suite 400, Linthicum, MD 21090.

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## President's Message Continued

Becoming the INFORMS Simulation Society may give us greater visibility, but it will involve more than just a change in name. I expect the diversity of our membership to increase, as our community of simulation professionals from academe, industry, and government continues to add members from around the world, as well as those with expertise in a wider variety of existing and emerging application areas. However, the core values—advancing the knowledge and enhancing the practice of simulation—will remain the same, as will the energy and vitality of our organization.

I won't reiterate the many names you can find scattered throughout the rest of this (and earlier) newsletters, but I will close with a brief note of thanks to those whose efforts have helped make the last two years of the INFORMS College on Simulation a success. The members of our standing and ad hoc committees have kept our organization moving forward. Our representatives on the WSC Board have done a stellar job of representing our organization to the larger simulation community. However, I believe our success is a largely a result of the cumulative efforts of the many, rather than individual actions of a few. When you're involved in outreach activities (via consulting, teaching, collaborative research, and more) you keep the simulation community growing and vibrant. When you share your knowledge and experience at conferences or in print, you help our

field stay current and relevant. When you strive to maintain and improve quality (in your own work, as well as via mentoring, editorial and referee activities) our profession benefits. Even small things can help a great deal, so thanks to those of you who joined I-CS recently (or brought someone new to a business meeting) for getting us over the "magic number" of 500 members needed to petition for society status. We welcome our new members, look forward to your ideas and enthusiasm, and hope that over the years you will find this community is a rich source of inspiration and professional friendships.

Special thanks to Russell Barton and Steve Chick for all their efforts during the past two years as I-CS officers; to Jim Wilson, Dean Hartley, and Bob Sargent for taking the long view of our organization; and to Shane Henderson, Mike Kuhl, and Peter Welch for their work on the front lines of communication. Finally, thanks to Paul Sanchez (my favorite simulator!) for introducing me to the simulation community many years ago, and for his continued support.

Au revoir,  
*Susan Sanchez*

## The Puzzle Posed

*Shane Henderson*

(This puzzle/exercise has appeared in many places including Knuth's "The Art of Computer Programming, Vol 2. Bruce Schmeiser told me about it.) Virtually all pseudorandom number generators in use today actually produce a deterministic sequence  $x_1, x_2, \dots$  of integers in a given range  $1, \dots, n$  say, that, when renormalized to lie in the range  $(0, 1)$  look random "to the naked eye" and also "to a few naked

statistical tests". These sequences are guaranteed to eventually cycle, perhaps after some transient period. Write a program to compute the length of that cycle starting from some fixed initial point  $x_1$ . Oh, and make sure that the storage requirements of the program don't depend on  $n$ . In fact, your program shouldn't need to store more than a handful of numbers!

# INFORMS College on Simulation Treasurer's Report

Net Worth  
March 30 2004

ASSETS	
Cash and Bank Accounts	
INFORMS Account Available*	9,464.76
INFORMS Account (Deferred dues for 2005)	75.00*
INFORMS-CS Checking (as of Mar 30, 2004)	2,840.74
WSC Seed Money (not liquid)	4,000.00
<b>TOTAL ASSETS</b>	<b>16,305.50</b>

LIABILITIES	
Outstanding Check	500.00

NET WORTH 15,805.50

Headquarters Account funds are held by the *INFORMS* office: 901 Elkridge Landing Road; Suite 400; Linthicum MD 21090-2909. Checking account funds on deposit with Bank of America, 10 Light Street, Baltimore MD 21202 (checking account number 003936322008).

2004 Year-to-Date Cash Flow report  
March 30, 2004

INFLOWS	
Dues Income (estimated)*	4,014.00
WSC Return (put into seed money)	2,000.00
Interest Income*	34.32
<b>TOTAL INFLOWS</b>	<b>6,048.32</b>

OUTFLOWS (includes December '03 outflows)

'03 Best Publication	500.00
'03 Distinguished Service Award	500.00
'03 CUMW Awards	132.00
'03 Ph.D. Colloquium	1,500.00
Web Page Maintenance	1,200.00
INFORMS Atlanta Reception	265.42
WSC'03 Reception	856.38
Postage for Newsletter, Fees	18.19

**TOTAL OUTFLOWS 4971.99**

NET CASH FLOW (estimate) 1076.33

\**INFORMS* Account Available amount is based on most recent balance available from *INFORMS* (as of 12/31/2003) plus the dues received so far for 2004 (amounts to \$2,497). Deferred dues for 2005 are funds received but that become available only on January 1, 2005, and are therefore not counted in the asset totals. Interest income from the account held at *INFORMS* headquarters is not calculated until the end of the calendar year. Interest income for 2003 was \$34.32. Dues income in the cash flow statement reflects estimated total dues for the year, based on actual dues receipts for 2003.

*Respectfully submitted by Stephen E. Chick,  
Secretary/Treasurer, April 14, 2004.*

## Secretary's Corner

Membership in the *INFORMS* College on Simulation (CoS) has risen above 500 again. As of February 2004 we are 531 members strong, with strong representation in each of academic, business, governmental and student communities, and from countries all around the world. Thank you for your continued support.

As reported in the last Newsletter, the amount of "seed money" that the *INFORMS* College on Simulation needs to provide to help the Winter Simulation Conference continue from year to year (e.g. to help cover expenses that occur throughout the year prior to each conference) has been increased from \$2000 to \$4000. The good news is that WSC '03 was very successful, thanks to all of you who contributed, organized, and participated. That means that some of the surplus from that conference will be returned to the sponsoring organizations. While the WSC Board of Directors is still finalizing the numbers, \$2000 of the surplus will be returned to sponsoring organizations,

including the *INFORMS* College on Simulation. That amount will be applied directly to the increased seed money requirement, meaning that no funds need to be drawn from current accounts to cover the increase to \$4000. That seed money is reflected under Assets. Seed money returned from WSC '03 to sponsoring organizations means that the *INFORMS* College on Simulation's cash flow for the year was positive (around \$1000) for the first time in a few years.

As a reminder, if you know someone who is planning on or thinking of attending WSC'04 that is not yet a member of the College on Simulation, please let them know that joining the *INFORMS* College on Simulation gives a tremendous savings on WSC registration fees. I look forward to seeing you at the upcoming Winter Simulation Conference in Washington DC.

Stephen E. Chick, Secretary/Treasurer

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

After several years of excellent service, Paul Glasserman passed on this editorial role to Perwez Shahabuddin on November 1, 2003. This report is in two parts. The first part is from Paul (via Marina Tourevski – thanks to her also) and represents only those papers that Paul is still handling. The second part is from Perwez.

### *Report from Paul via Marina Tourevski (April 20, 2004).*

From the date of our last report for this newsletter October 22, 2003 to date, there were 3 new submissions. Four papers are still under review, 4 were rejected and 2 were accepted for publication.

Marina Tourevski, for  
Paul Glasserman  
Columbia Business School  
3022 Broadway, 403 Uris Hall  
New York, NY 10027  
Phone: (212) 854-4102  
e-mail: [pg20@columbia.edu](mailto:pg20@columbia.edu)

### *Report from Perwez (April 23, 2004)*

Department's Editorial Objectives: We are interested in innovative modeling and methodological contributions that have relevance to the current theory and practice of management science, or have potential to be relevant in the future. A more detailed statement may be found at <http://mansci.pubs.informs.org/statements.html#stochastic>

Submission Information: Manuscripts may be submitted online at <http://informs.manuscriptcentral.com>

Activity in the period November 1, 2003, to April 23, 2004: There have been 14 new submissions and 1 re-submission. So far there have been 4 rejections, 3 revise/resubmit recommendations. Currently 8 manuscripts are under review (7 new submissions and 1 resubmission).

### Associate Editors:

Thanos Avramidis, Universite de Montreal  
Stephen E. Chick, INSEAD  
Michael Fu, University of Maryland.  
Sandeep Juneja, Tata Institute of Fundamental Research  
Steven Kou, Columbia University  
Tava Lennon Olsen, Washington University  
Garrett van Ryzin, Columbia University  
Alan Scheller-Wolf, Carnegie Mellon University  
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## Call for Sessions: INFORMS Annual Meeting, Denver Colorado



October 24-27, 2004

The Fall 2004 INFOMRS National Conference will be held in Denver, Colorado. The meeting headquarters, the Adam's Mark Hotel, is located next to lower downtown, known as "LoDo," where Victorian buildings have been transformed into a popular district

with restaurants, jazz and comedy clubs, outdoor cafes and brewpubs. It is on the 16th Street Pedestrian Mall. You can walk down the Mall or take the free shuttle service to the LoDo district.

It is not too late to volunteer to organize a session for the simulation cluster! Contact Russell Barton ([rbarton@psu.edu](mailto:rbarton@psu.edu)) with session information, including the presenting authors (speakers) and paper titles. The preliminary deadline is May 17, 2004. Abstracts received by then will receive preference in scheduling.

For more information on the conference, go to:

<http://www.informs.org/Conf/Denver2004/about.htm>

The Denver conference General Chair is Manuel Laguna (laguna@colorado.edu).

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

By Susan M. Sanchez, *Simulation Area Editor*

The Simulation Area is interested in research in all computational aspects of simulation. We seek high-quality research on the computational aspects of simulation model building, simulation data structures, simulation modeling and experiment environments, stochastic input modeling, random-variate generation, output analysis, optimization, variance-reduction methods for simulation experiments, and other aspects of simulation modeling, experimentation, and analysis. Tutorials and applications in the above areas that are comprehensive and integrate from multiple sources are also welcome.

Complete instructions for authors are available at <http://joc.pubs.informs.org>. Electronic submissions (preferably in .PDF format) should be sent to

Susan M. Sanchez,  
Simulation Area Editor, *INFORMS JOC*  
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Since the Fall 2003 newsletter (November 2003), there have been five new submissions and two papers have been rejected. Six papers are with the authors for revision. Six are undergoing initial review—all but one for less than 3 months.

Leyuan Shi (University of Wisconsin-Madison) has joined the editorial board. The other Associate Editors are Paul Fishwick (University of Florida), Marvin Nakayama (New Jersey Institute of Technology), and Harriet Black Nembhard (Pennsylvania State University).

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## Report on the Simulation Area for *Operations Research*

*Respectfully submitted by Michael Fu, Area Editor, April 21, 2004*

Activity in the Simulation Area of Operations Research (October 12, 2003 to April 21, 2004)

For the period specified, there were 3 new submissions and 7 resubmissions. For decisions on manuscripts made during the period, there were 3 rejections, 3 revise/resubmit recommendations, and 1 acceptance. Of the 9 decisions made during the period, 4 were late and 0 very late, where late and very late are defined as having spent over 3 and 6 months, respectively, with the Associate Editor.

The Associate Editors in the Simulation Area are

Sigrun Andradottir, Peter Haas, Jian-Qiang Hu, Sheldon Jacobson, Jack Kleijnen.

At present, there are 5 manuscripts under review, of which 1 is considered late and none are considered very late.

A note to prospective authors: Please submit your manuscripts to me electronically [mfu@rhsmith.umd.edu](mailto:mfu@rhsmith.umd.edu), preferably in pdf format.

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## College Sponsors Under-Represented Minorities and Women

The College on Simulation awards sponsorships to assist in the costs of attending the Winter Simulation Conference (WSC) in an effort to support and encourage newcomers to the field of simulation and to spur interest in the field among under-represented minorities and women.

To apply for one of these awards for this year's WSC, please contact Theresa Roeder at [roeder@queue.ieor.berkeley.edu](mailto:roeder@queue.ieor.berkeley.edu)

## 2004 Winter Simulation Conference

December 5-8, Washington, D.C.

<http://www.wintersim.org/>



WSC '04 will be held December 5-8, 2004 at the Washington Hilton and Towers in Washington, D.C. This hotel is conveniently located on upper Connecticut Avenue and is minutes away from

Georgetown, Adams-Morgan, Embassy Row, and the Washington business district. In addition, the hotel is within easy walking distance from the Dupont Circle Metro stop, providing access to the entire metropolitan Washington DC area.

WSC '04 will have sixteen concurrent tracks with something of interest for everyone with its blend of cutting-edge research, innovative applications, exhibits from top companies in the simulation industry and international speakers. Michael Zyda is this year's keynote speaker. Professor Zyda is the director of the MOVES Institute and is a pioneer in the fields of computer graphics, networked virtual environments, modeling and simulation, and entertainment/defense collaboration. Mark your calendar now for WSC '04 and join us in Washington for an exceptional conference!

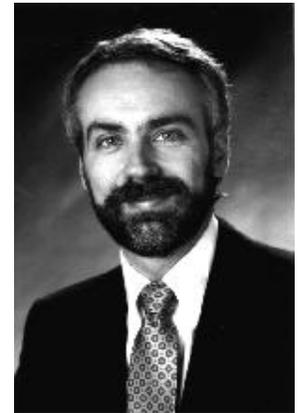
## Oodles of IIE Awards to College Members



Emily K. Lada will receive the Pritsker Doctoral Dissertation Award (First Place) from IIE at the IIE Annual Conference in May. Emily received her doctoral degree in May 2003 from the NCSU Graduate Program in Operations Research with a major in Industrial Engineering. The title of her dissertation is "A Wavelet-based Procedure for Steady-state Simulation Output Analysis." Her adviser was Jim Wilson. Emily is now a Postdoctoral Fellow at the Statistical and Applied Mathematical Sciences Institute (SAMSI) in the Research Triangle Park.



David Kelton will receive the Fellow Award from the Institute of Industrial Engineers (IIE) at the IIE Annual Conference in May. The following statement about this award is taken from the IIE website: *This award is the highest classification of membership in IIE and is in recognition of outstanding leaders of the profession that have made significant, nationally recognized contributions to industrial engineering.*



Bruce Schmeiser will receive the David F. Baker Distinguished Research Award from IIE at its annual conference in May. The following statement about this award is taken from the IIE website: *This award recognizes significant contributions to the advancement and progress of the industrial engineering profession through outstanding research activity.* The Baker Award is the highest form of professional recognition by IIE for research contributions to the field of industrial engineering.

## Barry Nelson Receives 2003 Distinguished Service Award



This text is adapted from the citation given by David Goldsman at WSC 03, which was in turn paraphrased from the citation that Steve Roberts read.

The Distinguished Service Award of the INFORMS College on Simulation is given “to recognize individuals who have provided long-standing, exceptional

service to the simulation community.” Furthermore, “sustained service to the simulation community should extend over a period of 15 to 20 years or longer and be acquitted with distinction.”

The committee this year was composed of Steve, Tom Schriber, and me; and we are pleased to announce the award is given this year to Barry L. Nelson, a Professor at Northwestern University. Barry has far exceeded the standards set for this honor.

First of all, Barry has served in every office of the INFORMS College on Simulation starting as the Assistant Editor of our Newsletter and then proceeding up the ranks, eventually to College President from 1992 to 1994.

Second, he has held just about all of the leadership positions in the Winter Simulation Conference over the past fifteen years including Publicity Chair, Proceedings Editor, Associate Program Chair, and Program Chair. Since 2000, he has been the WSC Board Co-Representative from INFORMS.

Third, among his editorial work he has served as Simulation Area Editor for Operations Research, Associate Editor for the ACM Transactions on Modeling and Computer Simulation, and Associate Editor for Naval Research Logistics. He is also an active and heavily called-upon referee.

Steve rightfully characterized Barry as an ambassador for simulation in so many venues and in so many ways. Let me mention a few.

- Remarkable scholarly contributions to the field. Although this is not strictly a category “service”, Barry’s work in a variety of problem areas has helped to legitimize simulation in the eyes of the outside research world. For example, I would say that Barry’s work in ranking and selection and

multiple comparison procedures over the last 10 years far surpasses the contributions of any researchers from the statistics community, which had simply given up on the topic area. Barry has probably been the single most-important person across all fields to stimulate active research and applications interest in that topic area. And this makes all of us look pretty good.

- Barry has always been incredibly active and successful in terms of teaching – both in the traditional classroom setting and as outreach to practitioners and other professionals. For instance,
  - It turns out that Barry is perhaps the *best* professor at Northwestern University, a school already known for its excellent faculty.
  - He gives lots of short courses to a variety of audiences that serve to publicize the field.
  - Barry has also been a popular speaker at the various high school teachers programs that INFORMS runs across the country, often participating at his own expense.
  - Barry has also fathered a group of outstanding students, who have all become respected researchers and dedicated simulation people in their own right.
- Barry is one of the field’s “go-to” guys. If you have a general simulation question, Barry is the one you ask... much faster than Google.
- Barry is willing to undergo physical torture to help simulation. When he was the 1991 WSC Proceedings Editor, before we had some of the new technology to make things easier, you had to put together by hand the final version of the Proceedings before shipping it to the publisher. This would typically take weeks to do; you had to paste the little running heads and editors name thingies on every page, and the whole thing got to be really tedious. Unfortunately, early on in the process, Barry developed carpal tunnel syndrome... but he played thru the pain. Aided by ample doses of morphine and daily cortisone injections, he sent out on-time one of the best Proceedings the WSC has ever published. To this day, if you shake Barry’s quivering hand, you can still feel the effects of his labors... all for simulation.

It is a personal pleasure to present this award to Barry and to have him recognized for his many

outstanding service contributions to the simulation  
community and the INFORMS College on  
Simulation.



## Peter Haas Receives 2003 Outstanding Publication Award

**Stochastic Petri Nets: Modelling, Stability, Simulation. Springer New York 2002.**

Barry Nelson gave the following citation at the 2003 Winter Simulation Conference.

To recognize outstanding contributions to the

simulation literature, the INFORMS College on Simulation annually sponsors an Outstanding Simulation Publication Award. Journal articles, proceedings papers, books, and monographs copyrighted in 2000-2002 are eligible for the award presented in 2003.

On behalf of the award committee, Leyuan Shi, David Kelton and me, I am pleased to present this year's award to Peter Haas for his book, *Stochastic Petri Nets: Modelling, Stability, Simulation*.

Stochastic Petri nets have proven to be a useful and enduring graphically-oriented framework for modeling and analysis of complex computer, telecommunication, transportation and manufacturing systems. This book gives the first expository treatment of methods for modeling a system as a Stochastic Petri net with "general firing times" and studying the long-run behavior of the model using computer simulation. The book helps bridge the gap between simulation practice and output-analysis theory by providing conditions on the building blocks of a Stochastic Petri net under which the net is stable and procedures such as the

regenerative method, batch means, and likelihood ratio gradient estimation are valid. In addition, the book develops techniques for comparing the modeling power of different discrete-event formalisms, such as Stochastic Petri nets and generalized semi-Markov processes. These techniques provide a means for making reasonable choices between alternative modeling frameworks, and can also be used to extend stability results and limit theorems from one framework to another. In fact, this book can be viewed as a survey of some fundamental modeling, stability, and simulation-based estimation issues for discrete-event systems, using Stochastic Petri nets as a convenient framework for the discussion.

The award committee was impressed by the book's clarity of exposition, particularly the seamless integration of modeling, execution, mathematical analysis and simulation methodology. *Stochastic Petri Nets: Modelling, Stability, Simulation* is precisely the kind of fundamental contribution that the Outstanding Simulation Publication Award was designed to honor.

The committee consisted of Barry Nelson (chair), Leyuan Shi and David Kelton.

## WSC '03 A Terrific Success. Proceedings Papers Now 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 2003 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 through WSC '02.



Dave Ferrin, general chair of the 2003 Winter Simulation Conference, in formal attire and full cry at the plenary session in New Orleans.

## Call for Nominations 2004 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 2004 should be sent by October 1, 2004, to the Award Committee Chair:

Leyuan Shi  
266F Mechanical Engineering Building  
1513 University Avenue  
Madison, WI 53706-1572  
Tel: 608/265-5969  
Fax: 608/262-8454  
E-mail: [leyuan@engr.wisc.edu](mailto:leyuan@engr.wisc.edu)

Anyone is eligible to win the award. Journal articles, proceedings articles, books, and monographs copyrighted in 2001, 2002 and 2003 are eligible for the award to be presented in 2004. 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, Washington D.C., December 5-8, 2004.

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

## CORS/INFORMS Joint International Meeting



May 16-19, 2004  
The Banff Centre, Banff,  
Alberta, Canada

The College is sponsoring or co-sponsoring four sessions at the CORS/INFORMS Joint International Meeting, May 16-19, 2004. We will also be holding a business meeting Tuesday evening at 5:30pm to vote on the bylaws drafted for our new "Society" status in INFORMS. The sponsored sessions and meeting times are:

### Session Chairs and Times for Simulation Sessions

#### Sponsored

Monday May 17, 2:00 - 3:30: Simulation in the Health Care Industry

Chair: Catherine Harmonosky, Department of Industrial and Manufacturing Engineering, Penn State University.

Tuesday May 18, 8:00 - 9:30: Simulation Analysis Methodology

Chair: Michael Freimer, Department of Supply Chain and Information Systems, Smeal College of Business, Penn State University.

Tuesday May 18, 10:00 - 11:30: Joint Session APS/SIM: Correlated Input Modeling for Simulation

Chair: Shane Henderson, School of Operations Research and Industrial Engineering, Cornell University.

Tuesday May 18, 4:00 - 5:30: Joint Session APS/SIM: Simulation Input Model Uncertainty

Chair: Shane Henderson, School of Operations Research and Industrial Engineering, Cornell University.

#### Contributed

Tuesday May 18, 2:00 - 3:30: Simulation I

Chair: Andrew Yao, California State University.

Tuesday May 18, 4:00 - 5:30: Simulation II

Chair: Filippo Queirolo, Genoa University.

For more information on the conference, visit:

<http://www.informs.org/Conf/CORS>

## Call for Nominations: 2004 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 College on Simulation (INFORMS-CS) 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, the following:

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 September 1, 2004. 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 at the 2004 Winter Simulation Conference in Washington, DC: <http://www.wintersim.org/>.

A list of past winners of the award can be found at: <http://www.informs-cs.org/dsawin.html>. Nominations should be sent to the Chair of the Distinguished Service Award Committee:

Professor Dave Goldsman  
School of Industrial and Systems Engineering  
Georgia Institute of Technology  
755 Ferst Ave.  
Atlanta, GA 30332  
Phone: (404) 894-2365  
Fax: (404) 894-2301  
E-mail: sman@isye.gatech.edu

This address is sufficient for next-day delivery services.

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## The Puzzle Answered

*Shane – I sure didn't think of this – Henderson*

Imagine two frogs that move forward through the sequence. The first frog jumps ahead one term in the sequence at each time step. The second frog jumps ahead two terms in the sequence at each time step. So the first frog visits states  $x_1, x_2, x_3, \dots$  and the second frog visits states  $x_1, x_3, x_5, \dots$ . Eventually the two frogs will come together (couple!) at a given integer, because the sequence of integers eventually cycles. At that point start counting the number of jumps until they next couple, giving  $m$  say. Then  $m$  is the length of the cycle.

To program this idea you only need the current integer locations of each frog and the number of jumps made since they coupled. So it's not too storage intensive!

While I'm sure you agree that this is a lovely idea, it is certainly not practical for the random number generators with extremely long periods in existence today. Such generators can have cycles with lengths as large as  $2^{1000}$ , which is, at least in my book, "quite big". And in any case, the designers of such generators use number-theoretic tools to determine the period of the generator without having to actually "bring out the frogs."

## Call for Nominations

### 2004 Lifetime Professional Achievement Award

The Lifetime Professional Achievement Award of the Institute for Operations Research and the Management Sciences (INFORMS) College on Simulation is the highest honor given by the College. 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 when attending the presentation ceremony. The presentation is made at the Winter Simulation Conference. The 2004 Winter Simulation Conference takes place December 5-8, 2004, in Washington, D.C.

Anyone is eligible to be nominated for the award, and the award may be given 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.

Additional information regarding the LPAA is available at <http://www.informs-cs.org/lpaafcm.html>

Nominations for this award must be received by the Chair of the LPAA Selection Committee no later than September 15, 2004:

Dr. Robert G. Sargent, Chair  
 LPAA Selection Committee  
 145 Butler Street  
 Syracuse, NY 13210  
 U. S. A.  
 E-mail: [rsargent@syr.edu](mailto:rsargent@syr.edu)

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## INFORMS College on Simulation E-mail Directory

E-mail listings for College on Simulation members that have chosen to allow their names to be published are available electronically at the WWW site: <http://www.rit.edu/~mekeie/icsemail.html>

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/Members/ProfileUpdate/>. If you have questions or difficulties, please contact Mike Kuhl ([mekeie@rit.edu](mailto:mekeie@rit.edu)). If you are unsure whether or not your membership is current, contact Steve Chick ([stephen.chick@insead.edu](mailto:stephen.chick@insead.edu), Sec/Treas of *INFORMS-CS*) for confirmation.

## Business Meeting Minutes: INFORMS Annual Meeting, Atlanta Georgia

October 19, 2003

*Shane Henderson for Stephen Chick, Secretary.*

Susan Sanchez, president, brought the meeting to order at 6:25pm. After a round of applause for new attendees, Susan Sanchez reviewed the goals of the college and gave an update on the winners of last year's college awards. She then mentioned several opportunities within the college for volunteers, including officers of the society, an ad-hoc committee on membership and the committee on under-represented minorities and women. She reiterated some of the main features of the College on Simulation.

I-CS established to

- "encourage the development and dissemination of knowledge in the area of simulation"
- "promote communication and interaction among individuals and organizations who share an interest in simulation"

Activities

- Co-sponsor of Winter Simulation Conference (in I-CS? \$150 discount!)
- Track (sponsored & contributed) at fall INFORMS conferences
- Tracks/sessions at related conferences
- Maintain web repository of all WSC papers since 1997
- Publish bi-annual newsletters for simulation community
- Establish simulation archive which holds memorabilia relevant to history of the field & related professional societies
- Outreach to new members via PhD colloquium at WSC, CUMW awards to undergrad & grad students, faculty
- Maintain links to info about upcoming conferences, workshops, teaching resources, web sites of active R&D projects, etc.
- Professional friendship

Russ Barton, vice president, reviewed the sessions at the meeting that are sponsored by the college. He requested volunteers to sponsor sessions at the upcoming CORS/INFORMS meeting in Banff Alberta, and the upcoming INFORMS Denver meeting in 2004.

Susan Sanchez delivered the secretary/treasurer's report for Steve Chick, who was not able to be present. The minutes of the college's business meeting at the 2002 winter simulation conference of 2002 were approved by

verbal vote. The main point of note was that without a return of seed money for the Winter Simulation Conference (WSC) the college cannot maintain its financial position.

Barry Nelson, one of two representatives of the College on Simulation on the Board of the Winter Simulation Conference, delivered a report on the status of the conference. The Patrons of the Winter Simulation Conference fund, conceived and promoted by Jim Wilson, raised over \$35,000 in donations so far. A separate board of trustees will manage this fund. There will be a meeting at the 2003 Winter Simulation Conference on Sunday at 5.15pm. The meeting will entail a brief discussion of the conference and its management/financial situation and so forth, and representatives of all the organizations involved with the conference will be present. After the brief presentation the meeting will be opened for questions and discussion. So far the registration for the 2003 WSC is up 20% on last year at the same time, and the hotel pickup is 60% ahead. (Hotel pickup is the number of rooms booked at the conference hotel, and almost always forms part of the agreement between the conference and the hotel.) Russell Barton emphasized that the WSC seed money and the return on that money is a large fraction of the college's income, so that the college's financial fortunes are closely tied to the success of the WSC. Starting in 2004, INFORMS will manage the conference instead of Talley Management. This looks set to save the conference a great deal of money while not compromising quality.

The floor then returned to Susan Sanchez. Newsletter articles were requested soon by newsletter editor Shane Henderson. Paul Glasserman is completing his term as area editor at management science. Perwez Shahabuddin will be taking over at that post. The Simulation Archive is progressing: Jim Wilson reports that documents from several prominent individuals in the simulation community would be becoming a part of the Simulation Archive. Susan Sanchez mentioned some proposals for either increasing college revenue, or decreasing college costs. These were floated for the purposes of discussion, but not decision. In particular, one of these proposals was to reduce the outlay associated with awards, but there will be no changes to this year's awards.

Dean Hartley, a representative on the INFORMS subdivision council, stated that if the college obtains over 500 members then the college should not encounter any resistance to becoming an INFORMS society.

John Fowler mentioned that there was room for more doctoral students at the Ph.D. colloquium at the 2003 Winter Simulation Conference.

The meeting adjourned at 6:58pm.

#### Attendees

Dave Goldsman, Georgia Tech; Paul Glasserman, Columbia; Jingyi Li, Columbia; David He, Illinois – Chicago; Jeff Tew, GM Research and Development; Jeremy Staum, Northwestern; Sheldon H. Jacobson, Illinois – Urbana/Champaign; Christos Alexopoulos, Georgia Tech; Theologos Bountourelis, Georgia Tech;

Jerry Banks, Independent consultant; Lee Schruben, California – Berkeley; Andrei Prudius, Georgia Tech; Irina Ioachim, Delta Technology; Bruce Schmeiser, Purdue; Michael Fu, Maryland; Leyuan Shi, Wisconsin – Madison; Mike Freimer, Penn State; Sigrun Andradottir, Georgia Tech; Loo Hay Lee, National University of Singapore; Yun Pan, Wisconsin – Madison; Isabel Darcy, Iowa; David Cawlfeld, Olin Corporation; Mahdi Nasereddin, Penn State; Nilay T. Argon, Wisconsin – Madison; Bruce C. Shultes, Cincinnati; Dean Hartley, Hartley Consulting; John Fowler, Arizona State; Shane G. Henderson, Cornell; Barry L. Nelson, Northwestern; L. Jeff Hong, Northwestern; Hong Wan, Northwestern; Sandeep Juneja, Tata Institute for Fundamental Research

## Business Meeting Minutes: Winter Simulation Conference, New Orleans Louisiana

December 9, 2003

*Stephen Chick, Secretary.*

Susan Sanchez, president, presiding, called the meeting to order at 5:20pm.

**President's report:** Susan Sanchez asked new members and first time attendees to identify themselves, so that they could be welcomed to the meeting and the College on Simulation Community. In particular, simulation experts from the Construction Engineering community that have decided to join INFORMS-CS were welcomed. Individuals that were not yet members were invited to take advantage of a special offer for WSC attendees that have not been members of INFORMS-CS to gain the first two years of membership for the price of one. Also noted was that Springer, the publisher of the 2003 Best Publication by Peter Haas, was contacted after the award was decided. Springer kindly offered to sponsor part of the refreshments.

Susan indicated that the college plans to file an application soon to become a society of INFORMS, which requires 500 members.

Susan thanked the community for being able to serve as a college officer, and asked for nominations for the following three officer positions: Vice President, Secretary, and Treasurer. For a number of years the Secretary and Treasurer have been the same person, but the College Bylaws specify that these are distinct

positions. Self-nominations are welcome for these three positions.

The minutes of the College meeting at the Atlanta Fall 2003 conference were approved by a show of hands.

**Vice President's report:** Russell Barton thanked Susan Sanchez for her service to the College on Simulation, which was accompanied by a round of applause. A major role of the vice president is to organize sessions for conferences, and volunteers were requested for those that want to organize sessions at Banff (INFORMS/CORS) and Denver (INFORMS Fall 2004). He reported that there were 8 sessions sponsored by the INFORMS-CS at the Fall 2003 INFORMS conference in Atlanta. Some were joint with the Section on Quality, Statistics and Reliability. Hong Wan presented in one of those sections and was awarded the QSR Best Student Presentation award. Russell also noted that the May Conference continues to focus on applications and practitioner issues rather than theory, and that it continues to be successful.

Jim Wilson noted that the IIE conference and the CORS/INFORMS conference are scheduled at the same time. Since many individuals are associated with both organizations, some better planning may be required in the future to avoid this time conflict.

An attendance sheet was circulated as all attendees introduced themselves.

**Secretary/Treasurer Report:** Steve Chick gave membership statistics, including demographics. Membership has historically increased to just about 500 in December for the last several years. Of those who filled in the data in the membership application for members as of Nov 2003, the membership counted 318 INFORMS members (nonretired, nonstudent); 17 Retired members; 119 Student members; 15 Subdivision only; 107 non-U.S. members (all continents *except Antarctica*). In terms of affiliation, there are 62 listing Corporate; 31 Consulting; 26 Practice; 32 Government; 66 Engineering Schools; 31 Business Schools; 197 Unspecified Academic; 31 Other, a very diverse and healthy membership base. Finances stabilized somewhat after two years of shortfall due to lack of WSC Seed Money return. In part this is due to anonymous donations to the college. Jim Wilson noted that the WSC was faring much better financially this year relative to the difficulties of the previous year.

**Newsletter Editor Report:** Shane Henderson indicated that he had nothing to report.

**Journal Reports:** Susan Sanchez indicated that the INFORMS Journal on Computing was really improved over the last few years, largely due to the leadership of David Kelton, and thanks were extended to the coeditors. Jim Wilson indicated that under David's leadership the journal was significantly improved both financially and in terms of ISI impact factor. There were no reports for the Operations Research and Management Science simulation subareas.

**WSC 03 Report:** Doug Morrice reported that the conference was going well. There were representatives from 27 different countries out of 470 registrants at the time of the count (attendance was eventually more like 550). Doug reported that he was named as Program Chair late in the process, but was well supported by the WSC board. He expressed thanks to the WSC Board, the Program Committee and the Coeditors Paul Sanchez and Steve Chick. Susan Sanchez responded by extending thanks to Doug for his outstanding service. Attendees supported the sentiment with a round of applause.

**Awards:** Tom Schriber indicated that there would be no Lifetime Professional Achievement Award (LPAA) this year, but that nominations could be sent to him for next year's award, and he encouraged people to think about potential nominees. Jim Wilson indicated that the nominations require a fair amount of information gathering.

David Goldsman introduced Barry Nelson, the 2003 Distinguished Service Award recipient, by highlighting just a few of Barry's numerous contributions to the service of simulation, including service in the College on Simulation, the Winter Simulation Conference, and in representing the simulation field so well in the broader research community. Barry gave a short, eloquent thank you speech and reiterated his commitment to service and work in the simulation community.

The Outstanding Simulation Publication Award was awarded to Peter Haas for "Stochastic Petri Nets: Modelling, Stability, Simulation", 2002, Springer. Barry Nelson summarized the reasons why the book was selected and recommended it for simulation researchers. Next year, nominations for the Outstanding Simulation Publication Award should go to David Kelton. Self-nominations are fine, and nominations may be brief.

**PhD Colloquium:** The WSC PhD Colloquium is sponsored by the INFORMS College on Simulation each year. Participants were introduced to all and presented with certificates of participation and check for WSC '03 student registration fees. They are also presented with a year-long free membership in INFORMS-CS. Jim Wilson stated that PhD colloquium participants also receive a copy of the IIE volume in honor of Alan Pritsker, and asked for appropriate addresses to send them.

**CUM/W:** Susan Sanchez announced that Martha Centeno hosted the ladies that participated in the PhD colloquium for an INFORMS-CS sponsored Committee on Underrepresented Minorities and Women lunch. The occasion provided recognition and a means to further build social networks.

**Simulation Archive:** Jim Wilson announced that the simulation archive received several generous donations. Forty boxes of Alan Pritsker's books were added to the collection, and Julian Reitman and his wife visited Jim and presented many documents for the archive. Bob Sargent filled a UHAUL with 125 boxes of books, proceedings (including a mint condition set of WSC proceedings). Dick Nance is planning a donation in 2004.

NCSU added these generous gifts to the Simulation Archives, which is recognized as being sponsored by the INFORMS College on Simulation. Cataloging is being done as it can be done. Jim Wilson indicated that support would be appreciated. Russell Barton

expressed thanks to Jim Wilson, Bob Sargent and all the generous donators to the archive.

**Fellows:** Russell Barton congratulated George Fishman and Lee Schruben for their election as fellows, which is limited to 0.15% of the active membership in any given year.

**New Business:** During the past year, Jim Wilson and David Goldsman donated \$300 to help sponsor the Simulation Archive. Susan Sanchez proposed that the College on Simulation itself sponsor the simulation Archive for \$300 per year. Jim Wilson said that this would be helpful to provide part time support for archiving and cataloguing all of the documents. The College voted to approve a \$300 donation in 2004 to help support the installation and maintenance of the Archive.

**INFORMS Society Status:** Assuming that the membership is above 500 in January, the College on Simulation will apply for Society status in INFORMS. Becoming a Society is important as it bring with it greater representation within INFORMS. (INFORMS will be managing logistics for WSC for the next several years.) The question of the name of our organization arose, as "College on Simulation" is confusing for an INFORMS Section and would be potentially more confusing as a Society name. Two schools of thought were identified. One maintains that there is a brand image associated with "College on Simulation", and that the brand image should be retained. The other line of thought is to find a more readily recognizable name. Susan noted that a search with google indicated that a number of other organizations use the acronyms ICS, OCOS, and ISS. Bob Sargent moved (1) that we proceed with submitting the paperwork necessary to become a society, (2) that the name "INFORMS Simulation Society" be adopted, and (3) that the President appoint a committee to prepare appropriate amendments to the bylaws for vote at the next business meeting. The motion was seconded and after some discussion was unanimously passed. Susan noted that changes to the Bylaws require an official vote at a business meeting, and requires "written distribution [of changes] 30 days prior to the next business meeting, followed by discussion at the meeting and then a formal vote."

The meeting was adjourned at 6:30pm and was followed by refreshments.

### Attendees

Doug Morrice, University of Texas at Austin, morrice@mail.utexas.edu; Shane Henderson, Cornell University, shane@orie.cornell.edu; John Ager, Choreograph Inc., john@choreographinc.com; Jeremy Staum, Northwestern University, j-staum@northwestern.edu; Jim Wilson, North Carolina State University, jwilson@ncsu.edu; Dave Goldsman, Georgia Tech,

sman@isie.gatech.edu; Robert G. Sargent, Syracuse University, rsargent@syr.edu; Laurel Travis, Virginia Tech, Ltravis@vt.edu; Thorsten Dann, HIMASS, thorstend@himass.edu; Ray Hill, Wright State University, ray.hill@wright.edu; Todd Sriver, AFIT, todd.sriver@afit.edu; Yanto Prasatio, University of WA, prasatio@u.washington.edu; J.O. Miller, AFIT, john.miller@afit.edu; Gordon Clark, Ohio State University, clark.17@osu.edu; Ralph Rogers, East Carolina University, rogersr@mail.ecu.edu; Neil Bengtson, Barton College, bengtson@barton.edu; Theresa Roeder, UC Berkeley, roeder@ieor.berkeley.edu; Nirmal Govind, Penn State University, nirmalg@psu.edu; Deborah Pederson, UC Berkeley, debbie@ieor.berkeley.edu; Wai Kin Chan, UC Berkeley, kin@ieor.berkeley.edu; Lee Schruben, UC Berkeley, schruben@ieor.berkeley.edu; Ron Billings, Georgia Tech, ron.billings@isye.gatech.edu; Bruce Ankenman, Northwestern University, ankenman@northwestern.edu; Sachin Sumant, Rochester Institute of Technology, sgs4624@rit.edu; Dan Halpin, Purdue University, halpin@purdue.edu; Simaan AbouRizk, University of Alberta, abourizk@ualberta.edu; Anil Sawhney, Arizona State University, anil.sawhney@asu.edu; Vineet Kamat, University of Michigan, vkamat@umich.edu; Brenda McCabe, University of Toronto, mccabeb@ciu.utoronto.ca; Argon Nilay, University of Wisconsin-Madison, nilay@engr.wisc.edu; Jamie Wieland, Northwestern University, j-wieland@northwestern.edu; Catherine Harmonosky, Penn State University, cmhie@engr.psu.edu; John Fowler, Arizona State University, john.fowler@asu.edu; Andy Ganti, GE Medical, andy.ganti@med.ge.com; Joan Donohue, University South Carolina, donohue@moore.sc.edu; Surya Pathak, Vanderbilt University, surya.d.pathak@vanderbilt.edu; Subhashini Ganapathy, Wright State University, sganapat@cs.wright.edu; Sasanka Prabhala, Wright State University, sprabhal@cs.wright.edu; Michael Hunter, Georgia Tech, michael.hunter@ce.gatech.edu; Sam Steckley, Cornell University, steckley@orie.cornell.edu; Christine Currie, Southampton University, UK, csmc100@soton.ac.uk; Niels Stchedroff, Southampton University, UK, niels@stchedroff.com; Russel Cheng, Southampton University, UK, rchc@maths.soton.ac.uk; Xiaoping Xiong, UMCP, xxiong@rsmith.umd.edu; Thanos Arramidis, University of Montreal, arramidi@iro.umontreal.ca; Soumyadip Gosh, Cornell University, sg263@cornell.edu; Julius Atlason, University of Michigan, jatlason@umich.edu; Ger Koole, VU Amsterdam, koole@few.vu.nl; Susumu Morito, Waseda University, morito@morito.mgmt.waseda.ac.jp; E. Jack Chen, BASF Corp., chenj@basf.com; Fred Wiedland, MITRE Corp., fwiedland@mitre.org; Bertlan Altuntas, Penn State University, bertan@psu.edu; Seung Yub Lee, Penn State University, sx1289@psu.edu; John Shortle, GMU, jshortle@gmu.edu; Ben Clark, Temple-Inland, bclark2@templeinland.com; Ahmad Ridley, University Md College Park, adr@math.umd.edu; William Howell, University Md College Park, wch@math.umd.edu; Jerry Banks, Independent Consultant, atljerry@earthlink.net; Chun-Hung Chen, George Mason University, cchen9@gmu.edu; Mike Freimer, Penn State University, mbf10@psu.edu; L. Jeff Hong, Northwestern University, hongl@iems.nwu.edu; Keebom Kang, Naval Postgraduate School, Kkang@nps.navy.mil; Mike Kuhl, Rochester Institute of Technology, mekeie@rit.edu; Barry L. Nelson, Northwestern University, nelsonb@northwestern.edu; Raghu Pasupathy, Purdue University, pasupath@purdue.edu; Deborah Sadowski, Rockwell Software, dasadowski@software.rockwell.com; Paul Sanchez, NPS, pjs@alum.mit.edu; Bruce Schmeiser, Purdue University, bruce@purdue.edu; Thomas J. Schriber, University of Michigan, schriber@umich.edu; Perwez Shahabuddin, Columbia University, ps147@columbia.edu; Bruce Shultes, University of Cincinnati, bruce.shultes@uc.edu; Natalie Steiger, University of Maine, nsteiger@maine.edu; Jim Swain, UAH, jswain@ise.uah.edu; Kristin Thoney, North Carolina State University, kristin\_thoney@ncsu.edu; Hong Wan, Northwestern University, h-wan@northwestern.edu; Preston White, University of Virginia, kpwhite@virginia.edu; Enver Yücesan, INSEAD, enver.yucesan@insead.edu; Seong-Hee Kim, Georgia Tech, skim@isye.gatech.edu;

## Jim Wilson Appointed Editor-in-Chief of ACM TOMACS



Jim Wilson has been appointed as editor-in-chief of the ACM Transactions on Modeling and Computer Simulation. Jim Wilson is Professor and Head of the Industrial Engineering Department at North Carolina State University. His research interests are focused on probabilistic and statistical issues in the design and analysis of simulation experiments. He is a member of ASA and INFORMS, and he is a Fellow of IIE.

Jim Wilson takes over the reins from David Nicol. David Nicol, a professor at the University of Illinois Urbana/Champaign, served as TOMACS editor-in-chief from 1997. The simulation community is grateful to David for his years of excellent service.

## Event Calendar

*Michael Kuhl, Associate Newsletter Editor, April 12, 2004*

2004 Advanced Simulation Technology Conference, Arlington, Virginia, April 18 - 22, 2004. Contact: John A. Hamilton, Jr. Email: [hamilton@eng.auburn.edu](mailto:hamilton@eng.auburn.edu). WWW: <http://www.scs.org/confernc/astc/astc04/cfp/astc04.htm>

37th Annual Simulation Symposium (part of ASTC 2004), Arlington, Virginia, April 18 - 22, 2004. Contact: Prof. Taieb Znati [znati@cs.pitt.edu](mailto:znati@cs.pitt.edu). WWW: <http://www.scs.org/confernc/astc/astc04/cfp/anss04.htm>

EUROMEDIA 2004 Hasselt, Belgium, April 19-21, 2004, in cooperation with the University of Limburg Diepenbeek, Belgium WWW: <http://biomath.ugent.be/~eurosis/conf/euromedia/euromedia2004/index.html>

2004 Spring Simulation Interoperability Workshop, Arlington, Virginia, April 18-23, 2004. WWW: <http://www.sisostds.org/conference/index.cfm?conf=04SPRING>

INFORMS Conference on OR/MS Practice, Cambridge, Massachusetts, April 25-27, 2004. Contact: [meetings@informs.org](mailto:meetings@informs.org). WWW: <http://www.informs.org/Conf/Practice04/>

Agent-Based Simulation 5, Lisbon, Portugal, May 3-5, 2004. Contact: Rainer Rimane, Email: [rimane@cs.fau.de](mailto:rimane@cs.fau.de) WWW: <http://www.scs-europe.org/conf/abs2004/index.html>

IIE Annual Conference, Houston, Texas, May 15-19, 2004. WWW: <http://www.iienet.org/annual/>

Canadian Operational Research Society (CORS)/INFORMS International Meeting, Banff, Alberta, Canada, May 16-19, 2004. WWW: <http://www.informs.org/Conf/CORS>

18th Workshop on Parallel and Distributed Simulation, Kufstein, Austria, May 16-19, 2004, Contact: Johannes Lüthi Email: [Johannes.Luethi@fh-kufstein.ac.at](mailto:Johannes.Luethi@fh-kufstein.ac.at), WWW: <http://fakinf.informatik.unibw-muenchen.de/~inf4www/projekte/pads2004/>

SimTecT 2004, Canberra, Australia, May 24-27, 2004. Contact: Conference secretariat [simtect@consec.com.au](mailto:simtect@consec.com.au) WWW: <http://www.siaa.asn.au/simtect/2004/2004.htm>

ISC 2004 (2nd International Industrial Simulation Conference), Malaga, Spain, June 7-9, 2004, in cooperation with the University of Malaga, WWW: <http://biomath.ugent.be/~eurosis/conf/isc/isc2004/index.html>

18th European Simulation Multiconference, Magdeburg, Germany, June 13-16, 2004. WWW: <http://www.isg.cs.uni-magdeburg.de/sim/esm2004/index.html>

FOODSIM 2004 (3rd International Conference on Simulation in the Food Industry), Ede, The Netherlands, June 16-18, 2004. WWW: <http://www.nizo.nl>

ASM 2004 - IASTED International Conference on Applied Simulation and Modelling, Rhodes, Greece, June 28-30, 2004. WWW: <http://www.iasted.org/conferences/2004/greece/asm.htm>

SIAM Annual, Portland, Oregon, July 12-16, 2004. Contact: [meetings@siam.org](mailto:meetings@siam.org). WWW: <http://www.siam.org/meetings/an04>

2004 Summer Computer Simulation Conference, San Jose, California, July 25-29, 2004. Contact: Agostino Bruzzone, Email: [agostino@itim.unige.it](mailto:agostino@itim.unige.it). WWW: <http://www.scs.org/confernc/ssimc/ssimc04/cfp/scsc04.htm>

MSO 2004 - 4th IASTED International Conference on Modelling, Simulation, and Optimization, Kauai Hawaii, August 16-18, 2004. WWW: <http://www.iasted.org/conferences/2004/hawaii/mso.htm>

Promodel Solutions Conference, Salt Lake City, Utah, September 12-17, 2004. WWW: <http://www.promodel.com>

WSC 2004: Winter Simulation Conference, Washington, D.C., December 5-8, 2004. WWW: <http://www.wintersim.org>

Fifth St. Petersburg Workshop on Simulation, St. Petersburg, Russia, June 2005. Contact: Prof. Viatcheslav B. Melas. Email: [v.melas@pobox.spbu.ru](mailto:v.melas@pobox.spbu.ru). WWW: <http://vega.math.spbu.ru/~pepelyshev/index.html>

# INFORMS College on Simulation: Ballot for Election of Officers

To vote for officers of the College, return the ballot below by e-mail, fax, or mail by May 31<sup>st</sup> to

Susan M. Sanchez  
Operations Research Department  
Naval Postgraduate School  
Monterey, CA 93943-5219 U.S.A.  
(831) 656-2780 fax: (831) 656-2595  
[ssanchez@nps.edu](mailto:ssanchez@nps.edu)

## VICE PRESIDENT/PRESIDENT-ELECT (vote for one)

\_\_\_ **STEVE CHICK** (INSEAD) <http://www.insead.edu/facultyresearch/tm/chick/>

\_\_\_ **JOHN FOWLER** (Arizona State Univ.) <http://www.eas.asu.edu/~masmlab/fowler/>

\_\_\_\_\_  
(write in)

## SECRETARY (vote for one)

\_\_\_ **SHANE HENDERSON** (Cornell Univ.) <http://www.orie.cornell.edu/~shane/>

\_\_\_ **RAY HILL** (Wright State University) <http://www.cs.wright.edu/~rhill/>

\_\_\_\_\_  
(write in)

## TREASURER (vote for one)

\_\_\_ **CHUN-HUNG CHEN** (George Mason Univ.) <http://mason.gmu.edu/~cchen9/>

\_\_\_ **SEONG-HEE KIM** (Georgia Tech) [http://www.isye.gatech.edu/faculty/Seong-Hee\\_Kim/](http://www.isye.gatech.edu/faculty/Seong-Hee_Kim/)

\_\_\_\_\_  
(write in)

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(This part will be used only to certify the ballot – your vote will be kept confidential. Your e-mail address will serve as your signature if you vote electronically.)

Your name (Print): \_\_\_\_\_

Your signature \_\_\_\_\_

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