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I-Sim News

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President's Message

I am happy to report to those of you who were unable to attend the last WSC, that the Sections and Societies Board approved INFORMS Society status for our simulation section. We celebrated this happy event at our business meeting during the conference, and during a luncheon involving more than a dozen of our officers and committee members.

The business meeting at WSC also provided an opportunity to celebrate the many accomplishments of George Fishman, winner of the Lifetime Professional Achievement Award. You can read more about this elsewhere in this *Newsletter*.

Many volunteers have been busy with the changes that accompany our transition to Society status. We've revised our web pages and have a revised logo (thanks to Jim Wilson) new nicknames: INFORMS-Sim and I-Sim, and a new URL: www.informs-sim.org (thanks to Shane Henderson). Our old URL will remain active for a number of years to preserve pointers to it that exist elsewhere on the Web. Our Communications Committee, led by Michael Kuhl, has developed new text for a number of INFORMS-related web sites and documents, and we have been fortunate to be invited to write the inaugural article on an INFORMS section in a continuing series in the student-oriented magazine *INFORMS Tomorrow*.

Many things remain to be done, and there are many opportunities to serve as volunteers. Let me mention just a few. First, our status as an INFORMS society depends on a membership level that exceeds 500. While Barry Nelson and his committee will seek to find ways to increase membership, each of us can do our part. Is your membership up-to-date? Make sure to mention I-Sim to fellow simulationists, and the ability to join either with or without INFORMS membership. If you are in contact with students, be sure to encourage them to join, and remind them that they can choose one free section membership with payment of their student INFORMS membership.

Second, two years ago INFORMS established a new membership level: the Fellow, to recognize significant leadership in research and/or service over an extended period. We have many I-Sim members who merit this distinction, but they will not be recognized unless someone nominates them. Please consider preparing a nomination or at least a supporting letter. You can coordinate your efforts with those of other I-Sim members by contacting a member of our awards committee: Bruce Schmeiser, Steve Chick or Joan Donohue.

Continued on Page 6

Contents

President's Message.....	1
Society Officers	1
Editor's Corner	2
Society Web Page	2
Treasurer's Report.....	3
Minutes from WSC 04	
Business Meeting	3
President's message continued.....	6
Secretary's Corner.....	7
The Puzzle	7
WSC 04 Proceedings Online.....	7
Committee on Underrepresented	
Minorities and Women.....	7
Conference and Workshop Update...	8
INFORMS New Orleans 2005.....	8
WSC Orlando 2005.....	9
Operational Research Society	
(UK) Simulation Study Group 3 rd	
Simulation Workshop.....	10
Bruce Schmeiser elected as	
INFORMS fellow	10
Fishman Receives LPAA	11
Member's Corner	12
Call for Nominations:	
Lifetime Professional	
Achievement	13
Outstanding Publication.....	14
Distinguished Service.....	15
The Puzzle Answered.....	13
Editor Report -	
<i>INFORMS Journal of Computing</i> ..	14
<i>Operations Research</i>	15
<i>Management Science</i>	16
E-mail Directory	16
Event Calendar	17

Editor's Corner

You might notice that the title for the newsletter has been changed from INFORMS-CS newsletter to I-Sim News. This is to celebrate the change of our status from college to society. Same as before, this newsletter will continue serve as a platform for bringing news to the simulation society members. If you have anything want to report and share, please let me and Seong-Hee know.

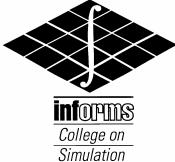
This newsletter also celebrates the accomplishments of several fine folks. Bruce Schmeiser is elected as the INFORMS fellow, and George Fishman receives 2004 Lifetime Professional Achievement Award. There will be call for nomination for 2005 Lifetime Professional Achievement Award, 2005 Outstanding Publication Award, and 2005 Distinguished Service Award, please send your nomination to Lee Schruben, Leyuan Shi and Barry Nelson, respectively. We also have our first article in the member corner. Thanks to Barry Nelson, who share with us how to use gambling to teach simulation. We hope that you can continuously support the member corner, by sharing with us your tips in teaching or using simulation software. Lastly, not to forget to submit your paper to WSC 05, and we hope to see you at Orlando.

--Loo Hay Lee

Please pass along printouts of the newsletter to friends and colleagues, or let them know about the *INFORMS Simulation Society* World Wide Web page. You'll get more than just a newsletter. Its URL is

<http://www.informs-sim.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 society interests and activities. There are often additional special items, such as *WSC'05*, and upcoming *INFORMS* conferences.



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

To join, call 1-800 4 INFORMS (from the USA) or (+1)(410) 850-0300 (from outside the USA). Or point your web browser to <http://www.informs-sim.org/join.html>. Or contact the secretary, Shane Henderson. His address information appears on the front cover. Please pass along this announcement to others who might be interested in joining. POSTMASTER: Send address changes to **INFORMS Simulation Society Newsletter**, 901 Elkridge Landing Road, Suite 400, Linthicum, MD 21090.

INFORMS Simulation Society Treasurer's Report

Respectfully submitted by Chun-Hung Chen, Treasurer, March 14, 2005

Net Worth January 31 2005	
ASSETS	
Cash and Bank Accounts	
INFORMS Account Available*	11,842.63
INFORMS Account (Deferred dues for 2006)	80.00*
INFORMS-CS Checking (as of Jan 31, 2005)	2,731.53
WSC Seed Money (not liquid)	4,000.00
TOTAL ASSETS	18,574.16
LIABILITIES	
Outstanding Check	100.00
NET WORTH	18,474.16

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).

2005 Year-to-Date Cash Flow report January 30 2005	
INFLOWS	
Dues Income (estimated)*	4,327.00
WSC' Surplus	1,000.00
Sponsorship	1,000.00
Anonymous donation	250.00
'04 Ph.D. Colloquium Reimbursed by WSC	1,600.00
Interest Income*	75.67
TOTAL INFLOWS	8,252.67
OUTFLOWS (includes December '04 outflows)	
'04 LPAA Award	969.62
'04 Ph.D. Colloquium	1,600.00
Book for Best Publication Committee	31.50
INFORMS Denver Reception	359.29
WSC'04 Reception	2,282.40
Web Page Maintenance	1,200.00
Domain Name Registration	62.19
Stationery	11.90
TOTAL OUTFLOWS	6,516.90
NET CASH FLOW (estimate)	1,735.77

*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 2005 (amounts to \$3,495). Deferred dues for 2006 are funds received but that become available only on January 1, 2006, 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 2004 was \$75.67. Dues income in the cash flow statement reflects estimated total dues for the year, based on actual dues receipts for 2005.

INFORMS Simulation Society Minutes of Business Meeting 2004 Winter Simulation Conference Washington, D.C. December 7, 2004

By Shane Henderson

Russell Barton, president of the society, called the meeting to order at 6:27pm. Attendees new to the society introduced themselves and were welcomed. Russell Barton thanked all those involved with the transition from college to society, with special recognition for the contributions of Susan Sanchez and Bob Sargent, who were presented with certificates of appreciation.



Attendees new to the society introduced themselves and were welcomed.

Russell Barton introduced a proposed society acronym. After some discussion, i-sim and informs-sim were approved as abbreviations of the full society name.



Susan Sanchez (right) and Bob Sargent (middle) were presented with certificates of appreciation by Russell Barton (left).

Russell Barton thanked Barry Nelson and Jim Wilson for their past and present service on the WSC Board of Directors, and also thanked Doug Morrice for agreeing to replace Jim Wilson on the board. Dave Goldsman gave a few remarks to recognize Jim Wilson's long and distinguished years of service to the conference, including some memorable quotes from Jim Wilson such as "My blood-alcohol level is getting dangerously low." Jim Wilson was also presented with a card from the society and a packet of seeds "since he will need some diversion like gardening now that he has stepped down from the board and has so much time."



Shane Henderson (right) gave a few remarks to recognize Jim Wilson's (left) long and distinguished years of service to the society.

Jim Wilson reported on the present Winter Simulation Conference. As of the time of the business meeting the conference registration was 694, well clear of the 600 required to break even. The conference had reached the required hotel room block of 1100 room nights, having brought in 1200 room nights.

Jeff Joines advertised the upcoming 2005 Winter Simulation Conference in Orlando Florida in the Hilton Downtown Disney.

Theresa Roeder reported that the committee for under-represented minorities and women (CUMW) had no applicants this year. Theresa Roeder and John Fowler encouraged applications for next year, and then recognized 16 of the Ph.D. colloquium participants that were still at the conference.



10 of the Ph.D. colloquium participants: Asser Fayed, Bertan Altuntas, Claudia Antonini, Harry Ma, Andrei Pruduis, Barb Tawney, Tom Bulewicz, Jayendran Venkateswaran, Sam Steckley and Wai Kin Chan.

Steve Chick, vice president, advertised the next INFORMS Practice Conference, IFORS Hawaii conference, and the INFORMS annual meeting in New Orleans. For the latter two he solicited session chairs. He also floated the concept of a society-sponsored workshop, perhaps somewhere in Europe. He solicited input on possible themes and location.

Henderson gave the secretary's report. The minutes from business meetings at WSC 03, CORS/INFORMS Banff, and INFORMS Denver were approved. The membership of the society is now approximately 570.

The new newsletter editor, Loo Hay Lee was introduced, and the associate newsletter editor Seong-hee Kim was mentioned. Loo Hay stated that future

newsletters would come out slightly earlier than in the past.

Journal reports were offered by Susan Sanchez (INFORMS Journal on Computing), Perwez Shahabuddin (Management Science) and Michael Fu (Operations Research). Shahabuddin and Fu both mentioned a lower-than-usual submission rate and requested further submissions.

In new business a motion from Bob Sargent to retain unsuccessful nominations for the LPAA for 3 years instead of the current 2 was approved. Shane Henderson requested that members keep their memberships up to date, to try to keep the society membership above 500 at all times.

John Fowler reported that the simulation society will be the first INFORMS subdivision to be figured in the OR/MS Tomorrow publication of the student chapter of INFORMS.

Russell Barton reported that there would be no award of the distinguished service award or the outstanding publication award this year. Lee Schruben announced that Bruce Schmeiser had been appointed as an INFORMS Fellow to applause.

Bob Sargent presented the society's Lifetime Professional Achievement Award to George Fishman. George Fishman delivered a wonderful, and near the end emotional, speech to the meeting, to a standing ovation.

The meeting adjourned at 6:45pm.

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◆ President's Message Continued ◆

Third, I-Sim is an active participant in three conferences: the Fall INFORMS National Conference, the Winter Simulation Conference held in December, and the International INFORMS Conference held in the Summer. The success of these conferences depends on the active involvement of our members, in terms of presenting papers and participating in session audiences. There are still opportunities for your participation in Hawaii in July and New Orleans in mid-November – contact Steve Chick to find out more. Steve (who is at INSEAD in France) is hard at work to expand our European conference support beyond the periodic European venue for the international INFORMS conference. One is to act as a co-sponsor of the UK's Operational Research Society Simulation Workshop. The other is to organize our own simulation research workshop, with a different theme for each workshop. The first of these I-Sim workshops would be held in Fontainebleu, France, a great location about 45 minutes South of Paris. Please let Steve

know if you are interested in helping on either of these initiatives.

These are just a few of the volunteer opportunities for you. The many others include nominations for registration waivers to the Committee for Underrepresented Minorities and Women (CUMW), nominations for the Lifetime Professional Achievement Award, the Distinguished Service Award, and the Outstanding Publication Award. There is more elsewhere in this Newsletter and on our web page, including a list of committees and committee members. In every case, the value and relevance of our Society activities depends vitally on volunteers like you. Please think about expanding your role in our society: contact me or one of the other officers or committee chairs as the first step.

--Russell Barton

Secretary's Corner

Thank you for your continued support of the INFORMS Simulation Society. Our status as a society is contingent on retaining a membership of at least 500 members. Membership in the society dips down in early January. This is mostly because INFORMS memberships work on a calendar year basis, so that many memberships expire on December 31. Please take a few moments to ensure that your membership is up to date. Some rather prominent members of the society are past due! (*You're right, this is not life threatening. No endangered species will go extinct if you don't renew. The world will continue to turn on its axis. But we'd appreciate your continued support of the society and your profession.*) Please point your browser to <http://renew.informs.org>. Thanks very much!

By the way, perhaps the key goal of the new INFORMS President, Dick Larson, is to increase membership in INFORMS from people with masters and undergraduate degrees. One way to do that is to make sure students in academic programs know about the society and its goals and benefits. If you are an academic, then please point your students to the INFORMS and INFORMS Simulation Society webpages. See www.scienceofbetter.org and www.informs-sim.org As an added incentive, please let prospective members know that joining the INFORMS Simulation Society gives a tremendous savings on WSC registration fees. Thanks again!

-- *Shane Henderson*

The Puzzle

By Seong-Hee Kim

There is a club that requires each applicant to do a 'draw' as an entrance test before the applicant is allowed to join the club. There are two boxes that contain 100 balls. Fifty of the balls are white and the other fifty are black. The applicant chooses a box first, and draws a ball from the box in front of the selection committee of the club. If she chooses a white ball, she will pass and be a member of the club.

The committee uses a trick: If they like an applicant, they divide balls between two boxes in the way that the probability that she chooses a white ball is maximized. If they do not like the applicant, they divide the balls so that the chance of drawing a black ball is maximized.

What is the trick the committee uses?

WSC '04 Proceedings Papers Now Online

The officers and members of the INFORMS-Simulation Society are pleased to announce that the full text of every paper presented at the 2004 Winter Simulation Conference (WSC) is now freely available

from the Society website, <http://www.informs-sim.org>, along with the papers presented at WSC '97 through WSC '03.

Society Sponsors Under-Represented Minorities and Women

The Simulation Society 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 tmroeder@ucdavis.edu

Conference and Workshop Update

By Steve Chick

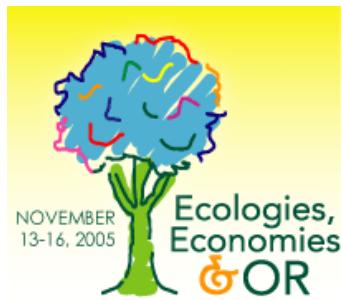
The INFORMS Simulation Society is sponsoring several workshops and sessions at conferences. Speaking at conferences is a great way to mix with simulation colleagues. Upcoming sponsored conference sessions or conference workshops include, other than those with special news items below, include:

IFORS International Conference, July 11-15 in Honolulu, Hawaii. Several sponsored sessions, including simulation optimization, applications in production and inventory management, and focused sessions on the aerospace and health industries. Two joint sessions with the quality statistics and reliability track. See <http://www.informs.org/Conf/IFORS2005/>.

INFORMS Conference on OR/MS Practice: Applying Science to the Art of Business. April 17-19, 2005,

Palm Springs, California. Speakers that are members of the Simulation Society include W. David Kelton on the topic of Simulation Methods and Tools, and Shane Henderson with Yuriy Zinchenko, on the topic of Robust Optimization. See <http://www.informs.org/Conf/Practice05/>.

The INFORMS Simulation Society has *two* new workshops that it is working with in terms of sponsorship. One is the Operational Research Society (UK) Simulation Study Group 3rd Simulation Workshop (see below). The second is a new INFORMS Simulation Society Research Workshop that is tentatively planned for July 2006 in Europe. More details will be coming soon (please email me at stephen.chick@insead.edu if you are interested in helping with that workshop).



Already 8 invited Simulation Society sessions are being organized by volunteers for the upcoming annual meeting in New Orleans. There is still more time to volunteer to organize a session or submit a contributed paper. If you would like to organize a session for the simulation cluster, please contact Steve Chick (stephen.chick@insead.edu) with session information,

Call for Sessions Sessions/Talks: INFORMS Annual Meeting November 13-16, 2005 New Orleans, Louisiana

By Steve Chick

or visit <http://www.informs.org/Conf/NO2005/abs.htm> to submit an idea for a talk. The deadline for contributed talks is May 16, 2005. Talks at the interface of simulation, ecology and economics are particularly encouraged. For more information on the conference, see <http://www.informs.org/Conf/NO2005/>



2005 Winter Simulation Conference

December 4-7, Orlando, FL

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



WSC' 05 will be held in beautiful Orlando Florida, USA at the Hilton in the WALT DISNEY WORLD® Resort so BRING THE FAMILY!!

WSC '05 features a comprehensive program ranging from introductory tutorials to state-of-the-art research and practice. Targeted for those who are considering simulation as a tool to improve their business competitiveness, a one-day Introduction to Simulation for Management will debut this year. Led by leading industry notables, it will give attendees the benefit of over twenty-five years of best practices. Coupled with last year's new Case Studies track being brought back by popular demand, this year's conference will provide newcomers to the field with the knowledge and resources to effectively bring simulation into their organization. In addition, the conference includes student presentations, exhibits, training sessions by software/hardware vendors, business meetings for professional societies and software user groups, a general reception, and a spouse's program.

Our keynote speaker will be Colonel Nancy J. Currie, Ph.D. Nancy is a Mission Specialist ASTRONAUT on the Space Shuttle. She is currently the Manager of the Space Shuttle Safety and Mission Assurance at the NASA Johnson Space Center. Families will get the opportunity to have breakfast with Nancy.

As an "official" hotel of WALT DISNEY WORLD®, take advantage of the "Extra Magic Hour". This exciting program will allow our guests to enter a selected WALT DISNEY WORLD Theme Park (Four parks in all) one hour prior to the official opening! Also, you will be enjoying one of the best times (i.e., in between Thanksgiving and Christmas) to visit WALT DISNEY WORLD in terms of people and waiting lines. Walt Disney will be celebrating their 50th anniversary in 2005.

You'll enjoy exceptional facilities at a Four Star, Four Diamond hotel. The hotel is steps away from Downtown Disney®, home of the Disney Marketplace, Pleasure Island, and Disney's West Side. What's more, free transportation to WALT DISNEY WORLD Theme Parks is provided for all Hilton guests.

A multitude of activities awaits you at the Hilton. Take a refreshing dip in either of two swimming pools, enjoy a workout at their health club, play golf in one of five WALT DISNEY WORLD championship courses, and savor a variety of cuisines at their seven restaurants and lounges. Also, you can enjoy the other major theme parks in Orlando (SEA World and Paramount).

Important Dates:

April 1, 2005:

Electronically submit contributed papers not previously published or presented.

June 2, 2005:

Contributors will be notified whether or not their paper has been accepted.

July 15, 2005:

Authors electronically provide a final manuscript meeting all requirements to the Proceedings Editor.

September 15, 2005:

Deadline to electronically submit abstracts for presentations in the Simulation Case Studies track, as well as electronic submission of abstracts for presentations in the Poster Session and Ph.D. Student Colloquium. Simulation Case Studies require the involvement from an industrial sponsor.

Call for Papers

Operational Research Society (UK) Simulation Study Group 3rd Simulation Workshop (SW06) March 28-29, 2006

In cooperation with the Association for Computing Machinery's Special Interest Group for Simulation (ACM SIGSIM (subject to approval) and the INFORMS Simulation Society).

The biennial Operational Research Society Simulation Workshop brings together practitioners and academics working in the field of discrete-event simulation. It provides an opportunity to exchange ideas on the current and future state-of-the-art in simulation and modelling. Due to the success of previous workshops, SW06 is moving to a new location.

Ashorne Hill Conference Centre is situated close to Royal Leamington Spa in the West Midlands region of

England (London 1 hour, Birmingham 30 minutes). Nearby are Stratford-upon-Avon (Shakespeare's birthplace) and Warwick's Medieval Castle.

The workshop will include plenary sessions, special focus streams and a PhD poster session. The technical programme includes papers in the areas of simulation methodology, simulation applications and simulation modelling and analysis. The deadline for submission of contributed papers is 28 October 2005.

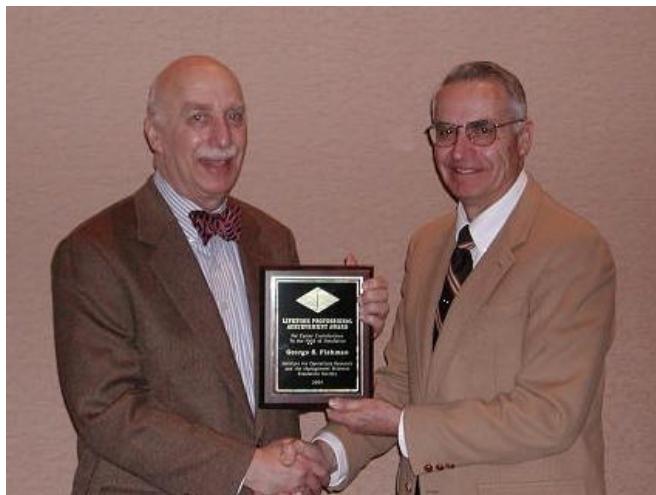
For more details of the conference, the streams and paper submission see www.theorsociety.com (under conferences).

Bruce Schmeiser Elected as INFORMS Fellows



Bruce W. Schmeiser was elected as the INFORMS fellow in the year of 2004. The citation is as follows: Dr. Bruce W. Schmeiser has made a significant impact on the field operations research and management science by contributing new methods for designing and analyzing simulations. His work has advanced the literature and software for developing professionals and supporting the practice of OR/MS. He has published over 100 articles in high quality journals and is one of the most widely referenced researchers in the field. He has also distinguished himself through sustained service to the profession through numerous offices and committees, and as an award winning educator in OR/MS. He is most deserving to receive the INFORMS Fellow Award.

George S. Fishman Receives Lifetime Professional Achievement Award from the INFORMS Simulation Society



George S. Fishman (left) and Robert G. Sargent

George S. Fishman, professor emeritus of operations research in The University of North Carolina at Chapel Hill, received the Lifetime Professional Achievement Award from the INFORMS Simulation Society at the opening session of the 2004 Winter Simulation Conference on December 6, 2004. The highest honor of the INFORMS Simulation Society, this award is given at most annually to recognize major contributions to the field of simulation that are sustained over most of a professional career. The 2004 award selection committee was chaired by Robert G. Sargent (Syracuse University), with members Thomas J. Schriber (University of Michigan) and Lee W. Schruben (University of California, Berkeley).

George Fishman is one of the pioneers in the field of discrete-event stochastic simulation, having inaugurated the use of rigorous approaches to the development of statistical methods for simulation during the 1960s; and he has continued to make major contributions to the field over five decades. He is the author of numerous journal articles and six books. He has made fundamental research contributions to several areas of simulation, many of which are seminal. These areas include output analysis; random-number and random-variate generation; efficiency improvement (variance reduction) techniques; and the simulation and analysis of stochastic networks. His

research work is both theoretical and practical, including the development of software for practitioners to use. His 1973 book, *Concepts and Methods in Discrete Event Digital Simulation*, is one of the first comprehensive books on all aspects of simulation. His 1996 book, *Monte Carlo: Concepts, Algorithms, and Applications*, received the 1996 Lanchester Prize from INFORMS as well as the 1997 Outstanding Simulation Publication Award from the INFORMS College on Simulation.

George has performed considerable service to the field of simulation, and for this he received the 1990 Distinguished Service Award from the INFORMS College on Simulation. He was President of TIMS College on Simulation and Gaming (now the INFORMS Simulation Society) from 1972 to 1974. George served as the first Editor of the Simulation Department of *Management Science* during the period 1978–1987. He served on the Board of Directors of the Winter Simulation Conference (1978–1980) and on the Editorial Advisory Board of the *ACM Transactions on Modeling and Simulation* (1989–1992).

Professor Fishman has been a leader in operations research education. He exerted remarkable leadership in advancing operations research at The University of North Carolina at Chapel Hill, including helping to establish the Department of Operations Research and serving as chair of that department for a decade. George also served as the advisor to numerous master's and doctoral students.

George S. Fishman is an exceptional contributor to the field of discrete-event simulation through his research contributions, dissemination of knowledge, leadership, and service. He is recognized as a distinguished world-class scholar and as a leader in the field. George's career epitomizes the highest ideals of the Lifetime Professional Achievement Award of the INFORMS Simulation Society.

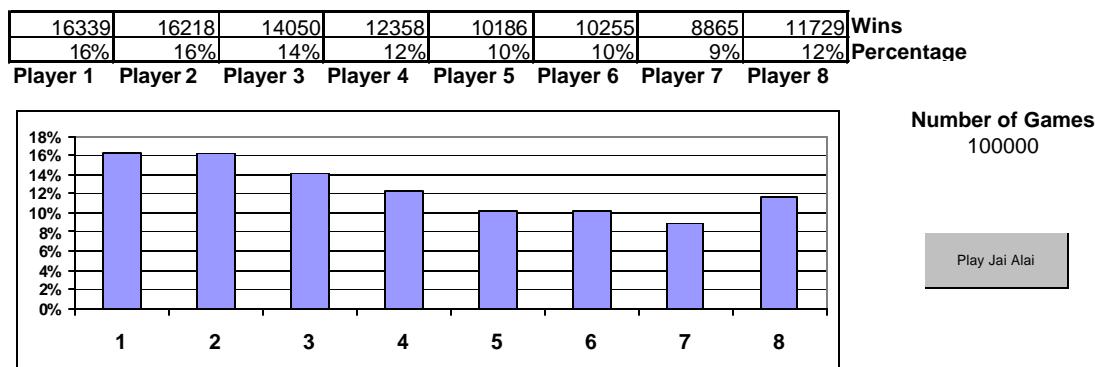
Member's Corner – Using Gambling to Teach Simulation

By Barry L. Nelson
Northwestern University

I am often asked to give talks to groups of people who know nothing about computer simulation. To provide intuition, I use an example I modified from Steven Skiena's excellent book *Calculated Bets: Computers, Gambling, and Mathematical Modeling to Win* (Cambridge University Press, 2001). Skiena is a fan of Jai Alai, a game that could be described as handball on steroids. Jai Alai is played mostly in Florida where there is pari-mutuel betting on it (you play against the other bettors, not against the house which takes its cut off the top). In brief, eight players line up to play a match. Players 1 and 2 take the court and play for one point. The winner stays on the court, the next player in line comes out, and the loser goes to the back of the line. The first player to seven points wins the match. However, to even up the odds for the players starting at

the end of the line, the first seven games are worth one point each, while games eight and beyond are worth two points each. This is known as the "Spectacular Seven" scoring system.

The question is this: Is there an advantage or disadvantage based solely on the position in which the player starts? You might think that the problem becomes easy if you assume all players are equally good ($\Pr\{\text{win}\} = \frac{1}{2}$) and the games are independent. It isn't! But it is relatively easy to simulate this scenario. I start by lining up eight people from the audience in the front of the room and using coin flips to simulate a Jai Alai match until one of them wins. This is painfully slow. Then I talk about how to simulate 100,000 matches on a computer. Finally, I run a program I wrote (VBA in Excel) whose output you can see in the figure and I discuss the results. You may download this program and my PowerPoint slides from <http://users.iems.northwestern.edu/~nelsonb/JaiAlai.zip>. By the way, don't bet on player 7!



Jai Alai Simulation

Call for Nominations: 2005 Lifetime Professional Achievement Award

The Lifetime Professional Achievement Award (LPAA) of the Institute for Operations Research and the Management Sciences (INFORMS) Simulation Society is the highest honor given by the Society. 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 2005 Winter Simulation Conference will be held December 4–7, 2005, in Orlando, Florida.

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-sim.org/lpaafcm.html>

Nominations for this award must be received by the Chair of the LPAA Selection Committee no later than September 1, 2005. Send completed nominations, including all supporting letters and documentation, to

Professor Lee Schruben, LPAA Chairman
 Industrial Engineering and Operations Research
 Etcheverry Hall, University of California
 Berkeley, CA 94720-1117
schruben@ieor.berkeley.edu

The Puzzle Answered

By Seong-Hee Kim

To maximize the probability of choosing a white ball, put a white ball in a box and put the rest 99 balls in the other box. Then, the probability of choosing a white ball is $1/2 + 1/2 * 49/99 = 74.7\%$.

To maximize the probability of choosing a black ball, put a black ball in a box and put the rest in the other box. Then the probability is again 74.7%.

As the number of balls increases, the probability converges to 75%.

Call for Nominations: 2005 Outstanding Simulation Publication Award

To recognize outstanding contributions to the simulation literature, the INFORMS Simulation Society annually sponsors an Outstanding Simulation Publication Award. Nominations for the award to be given in 2005 should be sent by October 1, 2005, 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

Anyone is eligible to win the award. Journal articles, proceedings articles, books, and monographs copyrighted in 2001, 2002, 2003 and 2004 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, Orlando, FL, December 4-7, 2005. A list of previous winners is available on the www site: <http://www.informs-sim.org/pubwinn.html>

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

By Susan 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
ssanchez@nps.edu
 Operations Research Department
 273 Glasgow Hall
 Naval Postgraduate School
 Monterey, CA 93943-5219
 831-656-2780 (phone)
 831-656-2595 (fax)

Since the Fall 2004 newsletter, there have been two new submissions and two resubmissions. Three papers have been accepted and one paper has been rejected. Five papers are with the authors for revision, and three are under review.

The Associate Editors are Paul Fishwick (University of Florida), Marvin Nakayama (New Jersey Institute of Technology), Harriet Black Nemhard (Pennsylvania State University) and Leyuan Shi (University of Wisconsin-Madison).

Call for Nominations: 2005 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 Simulation Society (INFORMS-Sim) 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, 2005. 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 2005 Winter Simulation Conference in Orlando, FL: <http://www.wintersim.org/>.

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

Professor Barry Nelson

Dept. of Industrial Engineering and Management Sciences

McCormick School of Engineering and Applied Science

2145 Sheridan Rd., Room C120

Northwestern University

Evanston, IL 60208-3119

Phone/Fax: (847)491-3747/8005

E-mail: nelsonb@northwestern.edu

This address is sufficient for next-day delivery services.

Report on the Simulation Area for Operations Research

Respectfully submitted by Michael Fu, Area Editor, Operations Research Simulation Area Editor February 21, 2005

Activity in the Simulation Area of Operations Research
(October 21, 2004 to February 20, 2005)

For the period specified, there were 3 new submissions and 3 resubmissions.

For decisions on manuscripts made during the period, there were 3 rejections, 0 revise/resubmit recommendations, and 0 acceptances. Of the 3 decisions made during the period,

1 was late (3 to 6 months) and 1 very late (over 6 months).

The Associate Editors in the Simulation Area are Sigrun Andradottir, Peter Haas, Jian-Qiang Hu, Sheldon Jacobson, and Jack Kleijnen. At present, there are 7 manuscripts under review, of which 2 are late and 0 very late.

A note to prospective authors:

Please submit your manuscripts to me electronically (mfu@rsmith.umd.edu), preferably in pdf format

Report on the Stochastic Models and Simulation Department for Management Science

Respectfully submitted by Pervez Shahabuddin, Departmental Editor, March 10, 2005

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 January 1, 2004, to December 31, 2004:

The Department received 31 new submissions and 11 revisions. In this period, there were 4 accept decisions, 27 reject decisions and 11 requests for revision (on manuscripts submitted in 2004 or earlier). The average response time on original manuscripts was 104 days. The average response time on revised manuscript was 39 days.

Associate Editors:

Thanos Avramidis, Universite de Montreal
 Gerard Cachon, University of Pennsylvania
 Rene Caldentey, New York University
 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
 Erica Plambeck, Stanford University
 Garrett van Ryzin, Columbia University
 Alan Scheller-Wolf, Carnegie Mellon University
 James Taylor, Oxford University
 Felisa J. Vazquez-Abad, Universite de Montreal
 Stefanos Zenios, Stanford University

Pervez Shahabuddin
 Dept. of IEOR
 Columbia University
 New York, NY 10027
 E-mail: ps147@columbia.edu
 Phone: (212) 854 1477
 FAX: (212) 854 8103

INFORMS Simulation Society E-mail Directory

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

The list is created automatically by querying the INFORMS registration database. You can update your

membership information via
<http://www.informs.org/members.html>. If you have questions or difficulties, please contact Seong-Hee Kim (see cover for contact details). If you are unsure whether or not your membership is current, contact Shane Henderson (see cover for contact details) for confirmation

Event Calendar

By Seong-Hee Kim, Associate Newsletter Editor, March 1, 2005

This is the event calendar as it appears in the Newsletter, See [Conferences and Workshops](#) for the regularly updated calendar of the Society site.

CIO Forum: CIO Perspectives: Convergence, University of California at Los Angeles, California, March 7, 2005. E-mail: info@cio-conference.ucla.edu WWW: <http://www.cio-conference.ucla.edu/>

Training, Education and Simulation International (TESI) 2005, Maastricht, Netherlands, March 22 – 24, 2005. WWW: <http://www.tesi2005.com/>

The 2005 IEEE International Conference on ETechnology, E Commerce and EService (EEE-05), Hong Kong, China, March 29 – April 1, 2005. Contact: Dr. Joseph K. Ng E-mail: jng@comp.hkbu.edu.hk WWW: <http://www.comp.hkbu.edu.hk/~eee05/>

2005 Spring Simulation Multiconference (SpringSim'05), San Diego, California, April 3 – 7, 2005. WWW: <http://www.scs.org/confernc/springsim/springsim05/cfp/springsim05.htm>

2005 Spring Simulation Interoperability Workshop, San Diego, California, April 3 – 8, 2005. WWW: <http://www.sisostds.org/>

EUROMEDIA 2005, Toulouse, France, April 11 – 13, 2005, in cooperation with IRIT and Université Paul Sabatier. WWW: <http://biomath.ugent.be/~eurosis/conf/euromedia/euromedia2005/index.html>

INFORMS 2005 Spring Conference on O.R. Practice (Applying Science to the Art of Business), Palm Spring, California, April 17 – 19, 2005. WWW: <http://www.informs.org/Conf/Practice05/>

Wireless Telecommunications Symposium 2005, Pomona, California, April 28 – 30, 2005. WWW: <http://www.csupomona.edu/~wtsi/>

SimTecT 2005, Sydney, Australia, May 9 – 12, 2005. WWW: <http://www.siaa.asn.au/simtect/2005/2005.htm>

WEA 2005: 4th International Workshop on Efficient and Experimental Algorithms, Santorini Island, Greece, May 10 – 13, 2005. WWW: <http://ru1.cti.gr/wea05/>

The 2005 IIE Annual Conference, Atlanta, Georgia, May 14 – 18, 2005. WWW: <http://www.iienet.org/annual/>

The Eighth SIAM Conference on Optimization, Stockholm, Sweden, May 15 – 18, 2005. WWW: <http://www.siam.org/meetings/op05/>

2005 Conference on Behavior Representation in Modeling and Simulation (BRIMS), Universal City, California, May 16 – 19, 2005. WWW: <http://www.sisostds.org/index.cfm>

7th Annual Simulation Solutions Conference, Atlanta, Georgia, May 18 – 19, 2005. WWW: <http://www.simsol.org/>

The 16th IASTED International Conference on Modelling and Simulation (MS 2005), Cancun, Mexico, May 18 – 20, 2005. WWW: <http://www.iasted.com/conferences/2005/cancun/ms.htm>

14th International Conference on Management of Technology, Vienna, Austria, May 22 – 26, 2005. WWW: www.iamot.org

19th ACM/IEEE/SCS Workshop on Principles of Advanced and Distributed Simulation (PADS 2005), Monterey, California, June 1 – 3, 2005. WWW: <http://www.pads-workshop.org/pads2005/>

ISC 2005 (3rd International Industrial Simulation Conference), Berlin, Germany, June 9 – 11, 2005, in cooperation with IPK Fraunhofer Institute. WWW: <http://biomath.ugent.be/~eurosis/conf/isc/isc2005/>

10th European Simulation Multiconference, Riga, Latvia, June 1 – 4, 2005. WWW: <http://www.scs-europe.net/conf/esm2005/>

SIAM Annual Meeting, New Orleans, Los Angeles, July 11 – 15, 2005. WWW: http://www.csit.fsu.edu/~burkardt/fsu/new_orleans_siam.html

1st Open International Conference on Modeling & Simulation (OICMS 2005 Conference), Clermont-Ferrand, France, June 12 – 15, 2005, in cooperation with ISIMA/Blaise Pascal University. Contact: Dr. David R.C. Hill. E-mail: drch@isima.fr WWW: <http://www.isima.fr/oicms/>

The IASTED International Conference on Applied Simulation and Modeling (ASM 2005), Benalmádena, Spain, June 15 – 17, 2005. WWW: <http://www.iasted.com/conferences/2005/spain/asm.htm>

INFORMS Marketing Science Conference, Atlanta, Georgia, June 16 – 19, 2005. WWW: <http://www.bus.emory.edu/MKS2005/>

INFORMS Multi-Echelon/MSOM 2005, Northwestern University, Evanston, Illinois, June 26 – 28, 2005. WWW: <http://www.kellogg.northwestern.edu/msom2005/>

Fifth St. Petersburg Workshop on Simulation, St. Petersburg, Russia, June 26 – July 2, 2005. Contact: Prof. Viatcheslav B. Melas. E-mail: v.melas@pobox.spbu.ru WWW: <http://vega.math.spbu.ru/~pepelyshev/>

European Simulation Interoperability Workshop 2005, Toulouse, France, June 27 – 30, 2005. WWW: <http://www.sisostds.org/index.cfm>

13th INFORMS Applied Probability Conference, Ottawa, Canada, July 6 – 8, 2005. Contact: Dr. Doug Down E-Mail: downd@mcmill.cis.mcmaster.ca WWW: <http://appliedprob.society.informs.org/ottawaconf.html>

9th World Multi-Conference on Systemics, Cybernetics and Informatics, Orlando, Florida, July 10 – 13, 2005. Contact: Prof.

Nagib Callaos E-mail: sci2005@iis.org

WWW: <http://www.iisci.org/sci2005>

17th Triennial Conference of the International Federation of Operational Research Societies 2005, Honolulu, Hawaii, July 11 – 15, 2005. Contact: Prof. Stephen Chick. E-mail: stephen.chick@insead.edu WWW: <http://www.informs.org/Conf/IFORS2005/>

2005 SIAM Annual, New Orleans, Louisiana, July 11 – 15, 2005. WWW: <http://www.siam.org/meetings/an05/index.htm>

2005 IEEE International Conference on Web Services (ICWS 2005), Orlando, Florida, July 12 – 15, 2005. Contact: Patrick C.K. Hung E-mail: Patrick.Hung@uoit.ca WWW: <http://conferences.computer.org/icws/2005>

The Fifteenth International Flexible Automation and Intelligent Manufacturing (FAIM) Conference, Bilbao, Spain, July 18 – 20, 2005, in cooperation with University of Deusto. Contact: Dr. Esther Alvarez E-mail: faim2005@deusto.es WWW: <http://www.faim2005.deusto.es/>

2005 International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS'05), Philadelphia, Pennsylvania, July 24 – 28, 2005. WWW:

<http://www.scs.org/confernc/summersim/summersim05/cfp/specs05.htm>

2005 Summer Simulation Multiconference (SummerSim'05), Philadelphia, Pennsylvania, July 24 – 28, 2005. WWW: <http://www.scs.org/confernc/summersim/summersim05/summersim05.htm>

2005 INFORMS Summer Workshop on Teaching Management Science, Lake Bluff, Illinois, July 28 – 31, 2005. WWW: <http://www.informs.org/Edu/TMSWorkshop/TMS05/index.htm>

The 5th IASTED International Conference on Modelling, Simulation, and Optimization (MSO 2005), Oranjestad, Aruba, August 29 – 31, 2005. WWW: <http://www.iasted.com/conferences/2005/aruba/mso.htm>

INFORMS Annual Meeting, New Orleans, Louisiana, November 13 – 16, 2005. WWW: <http://www.informs.org/Conf/NO2005/>

WSC 2005: Winter Simulation Conference, Orlando, Florida, December 4 – 7, 2005. Contact: Brad Armstrong or Jeff Joins E-mail: wsc2005@earthlink.net or WWW: <http://www.wintersim.org>



*901 Elkridge Landing Road
Suite 400
Linthicum, MD 21090*