

IgBILL



Ig Nobel Prize Ceremony

2007

This Year's Theme: Chicken

About the Ig® Nobel Prizes

Ig Nobel Prizes are awarded for achievements that first make people LAUGH, and then make them THINK. The Igs are intended to spur public curiosity and interest in science and other fields of endeavor. Ten prizes are awarded each year. Winners travel to the ceremony at their own expense.

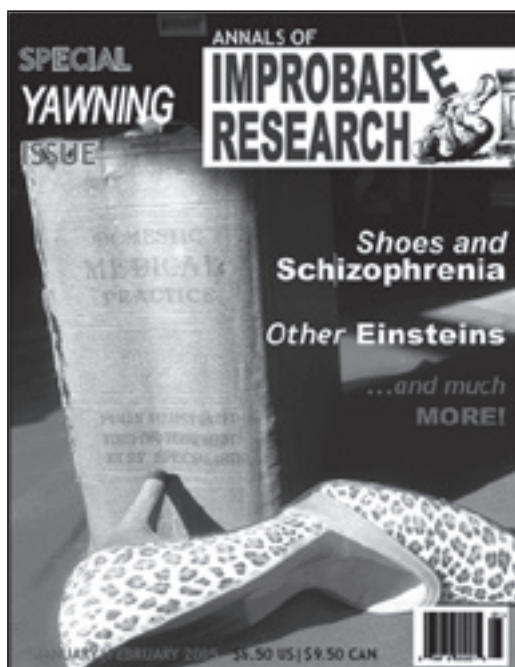
The Ig Nobel Prize winners are, despite possible appearances to the contrary, real. Their achievements are well documented.

The Prizes themselves are said to be a legacy from the estate of the legendary Ignatius (“Ig”) Nobel, who believed himself to be a relative of Alfred Nobel, and who claimed to be the inventor of excelsior (packing material) and co-inventor of soda pop.

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Annals of Improbable Research

“Ig” and the “tumbled thinker” logo are each reg. U.S. Pat. and Tm. Off.



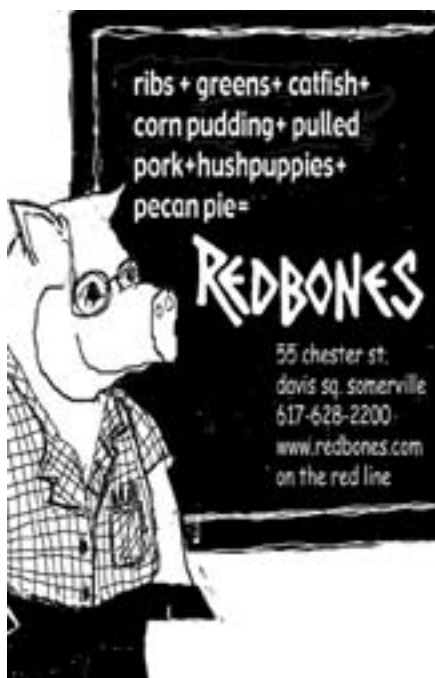
The Seventeenth 1st Annual Ig® Nobel Prize Ceremony

Thursday, October 4, 2007, 7:30 pm
Sanders Theatre, Harvard University

Reluctantly inflicted on you by
the international science humor magazine
Annals of Improbable Research
(AIR)

and co-sponsored by
The Harvard-Radcliffe Science Fiction Association
The Harvard-Radcliffe Society of Physics Students
The Harvard Computer Society

The theme of this year's ceremony is
CHICKEN



Paper Airplanes

Paper airplanes are a tradition at the Ig Nobel Prize Ceremony, Tonight that tradition takes a bold stumble into the future. Listen for the special Paper Airplane Announcement right after the pre-ceremony event, and just before the start of the ceremony proper.

We ask that you hold onto, rather than launch, your airplanes. As you'll see, they will be put to very good use at just the right times (we hope).

Harvard-Radcliffe Science Fiction Association

Narratively Proud Intergalactic Co-Sponsors
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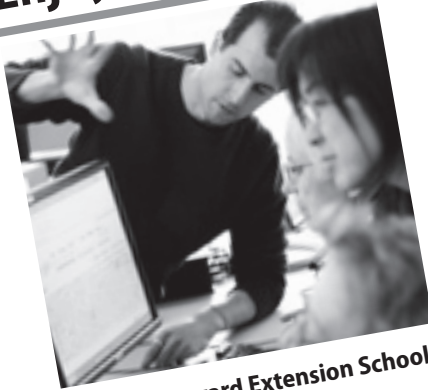
Harvard-Radcliffe Society of Physics Students

Theoretically Proud Experimental Co-Sponsors
of the Ig Nobel Prize Ceremony Since 2000

Harvard Computer Society

Algorithmically Proud Experimental Co-Sponsors
of the Ig Nobel Prize Ceremony Since way Back when

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Spring registration begins December 3.



**Harvard University
Extension School**

extension.harvard.edu

Photograph by Dan Armendariz

The Ig Informal Lectures!

SATURDAY afternoon, Oct. 6, 2007, 1:00 pm

MIT
Building 10, room 250
77 Massachusetts Ave., Cambridge

FREE!
(But seating is limited, so get there early)

A Saturday Treat...

At tonight's Ig Nobel Prize Ceremony, each winner is allowed just ONE MINUTE to deliver an acceptance speech. But of course you'll want to hear more juicy details, and ask them questions, and so... You are invited to come enjoy a lazy, lively half-afternoon of brief (five minutes each, plus questions & answers), high-spirited talks by **the 2007 Ig Nobel Prize winners** and **several special guests**.

Produced by the *Annals of Improbable Research*
in cooperation with
The MIT Press Bookstore
(mitpress.mit.edu/bookstore)

Ig Nobelliana

Roy Glauber is the Mallinckrodt Professor of Physics at Harvard University. In 2005, after ten years of sweeping paper airplanes at the Ig Nobel Prize ceremonies (though not because of it) he was awarded a Nobel Prize in physics. At the 2006 Ig Nobel Ceremony, Professor Glauber was the prize in the Win-a-Date-With-a-Nobel-Laureate Contest.



Schedule of Events

Pointless Preamble

- Pre-ceremony: Special Experiment on stage (begins at 7:15)
- Appearance of the Ignitaries and Delegations
- The Traditional Ig Nobel “Welcome, Welcome” Speech
- Entrance of the Swedish Meatball Royalty
- Introduction of Past Winners
- Keynote Address, followed by Nano-Lectures

Everything Else

- **Awarding of the 2007 Ig Nobel Prizes** * (weather permitting)
- *Chicken versus Egg: A Mini-Opera in 3 Acts* *
- The 24/ 7 Lectures *
- The Win-a-Date-With-a-Nobel-Laureate Contest
- The Traditional Ig Nobel “Goodbye, Goodbye” Speech
- Disappearance of the Audience

** scattered throughout the evening*



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NPR Broadcast

On the day after Thanksgiving, listen to the traditional Ig Nobel Broadcast on National Public Radio (NPR)'s *Talk of the Nation / Science Friday* with Ira Flatow.

You can listen to many of the previous year's broadcasts at www.ScienceFriday.com. You can see video highlights of several past ceremonies at www.improbable.com.

This Year's Theme

Each year the Ig Nobel Prize Ceremony has a new theme. The theme applies to the opera and various other goings-on, though not necessarily to any of the particular achievements being honored with an Ig Nobel Prize.

This year's theme is **CHICKEN**.
(NOTE: Sanders Theatre regulations prohibit the participation of live chickens.)

Keynote Address

The keynote address will be given by Doug Zonker. Dr. Zongker will distill and elucidate the central theme of an article he published in the September-October 2006 issue (volume 12, number 5) of the *Annals of Improbable Research*. The full article also appears at www.improbable.com.

Ig Nobelliana

The 1994 broadcast of that year's Ig Nobel Prize ceremony, on NPR's *Science Friday*, program, included the complete, wordless performance of "The Interpretive Dance of the Electrons," a ballet starring the Nicola Hawkins Dance Company and Nobel Laureates Dudley Herschbach, William Lipscomb and Rich Roberts, with music orchestrated by jazz harpist Deborah Henson-Conant.

Authority-Like Figures

As always, IgBill had incomplete information at press time. You may not be able to tell the players even with this scorecard.

(NOTE: ** indicates name is misspelled)

Producer/Director: Marc Abrahams

Co-Producer and Stage Manager: David Kessler

Assistant Stage Manager: Joshua Kroll

Opera Director: Margot Button

Writers: Marc Abrahams, Alice Shirrell Kaswell, and friends

Lurking Presences: Robin Abrahams, Stanley Eigen, Isabelle Rosenberg, Rose Fox

Lighting & Technology: Joshua Kroll, Rob Sanders, Sarah Jenks, Quentin Smith

Props and Scenery: Eric Workman

House Sound: Jeff Bryant

Sound Recording: Miles Smith, Frank “Barefoot” Cunningham

Slide Show: Mira Wilczek, Betsy Devine, Keith Clark

Prize & Props Creation: Eric Workman

HRSFA Coordinator: Elena Udovina & Max Parsons

HRSFS Coordinator: Ognjen Ilic

HCS Coordinator: Grant Dasher

Grand Panjandrum of the Delegations: Louise Sacco

Videography: Seven Generations Video

Internet Telecast Coordinator: Quentin Smith

Diplomats: Susan Kany, Dany Adams, Alisa Cohn, Steve Beeber

Master Keeper of Lists: Michael “Mr. Memory” Ricca

Provisionary Logistician: Doug Krabbenhoft

Photographers: David Holzman, John Bradley, Kees Moeliker, Robin Abrahams

Improbable Admin: Lisa Birk

Ig Informal Lectures (Saturday) Coordinator: John Jenkins

Ig Nobel Webmaster: Mira Wilczek

Artwork & Logos: Lois Malone, Peaco Todd

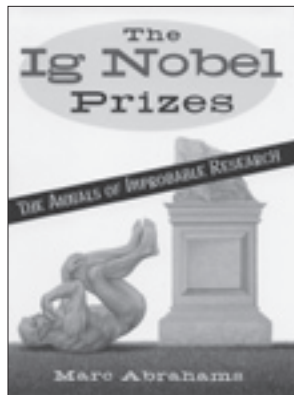
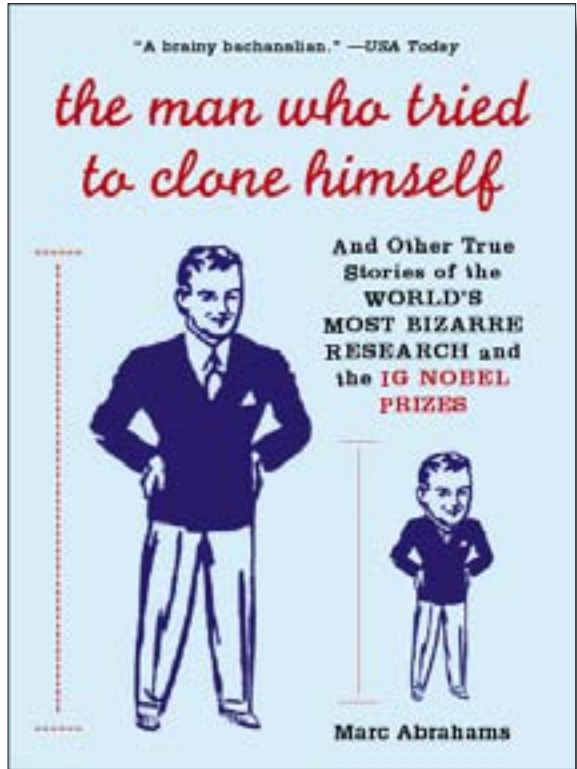
Master Technician emeritus: Dave Feldman

Internet Provider: www.cybercom.net

Want the inside story?

Read about who, what, where, when, and to some extent, why. And learn what else the Ig winners have been up to...

**Available now
in bookstores and
online.**



People

Master of Ceremonies

Marc Abrahams, editor, *Annals of Improbable Research (AIR)*

Nobel Laureates

Jerome Friedman (Physics, 1990)

Roy Glauber (Physics, 2005)

Dudley Herschbach (Chemistry, 1986)

Robert Laughlin (Physics, 1998)

William Lipscomb (Chemistry, 1976)

Craig Mello (Physiology or Medicine, 2006)

and perhaps some others

Substance Sampler: Gary Dryfoos

Substance Sample Scientist: Sylvia Rosenberg

Mike Monkey: Jessica Girard

Returning Ig Nobel Prize Winners: Don Featherstone (Art Prize 1996), Lynn Halpern (Acoustics Prize 2006), Gauri Nanda (Economics Prize 2005), Kees Moeliker (Biology Prize 2003)

Welcome Welcome Speaker: Jean Berko Gleason

Opera Pianist: Scott Nicholas

Opera Soloists: Gail Kilkelly & Maggie McNeil (who really are mother and daughter)

Ig Musicians (The Ig Leaves): Nicholas Carstou

Parade and Opera Announcer: Karen Hopkin

Simultaneous Translators: Kees Moeliker, Shoichi Fukayama, Fariba Houman, Yesim Taskor, Ali Pirnar, Maria Eliseeva, Julia Eliseeva, Dariusz Jemielniak, William Maloney

Human Spotlights: Jim Bredt & Katrina Rosenberg

Human Curtain Rods: Maria Eliseeva & Emily Coombs

Referee: Mr. John Barrett

V-Chip Monitor: Attorney William J. Maloney

Attorney William J. Maloney: Himself

Majordomo: Gary Dryfoos

Minordomos: Genevieve Reynolds, Julia Lunetta, Peaco Todd, James Mahoney, Anna Eliseeva, Chace Vanderwolk and Natasha Rosenberg.

Prize Deliverers: Ellen Mahoney & Julia Eliseeva

Performing Chemists: Joost Bonsen, Daniel Rosenberg, et al.

Performing Property Master: Eric Workman

Miss Sweetie Poo: Tabitha Bohmbach

Royalty: HRSMH Brian Donnelly & HRSMH Kathleen Snyder

Official Sweepers: Doug Berman & Roy Glauber

Hecklers: You, the audience

Goodbye Goodbye Speaker: Jean Berko Gleason

Ig Nobel Tours of the U.K. and Europe

In March 2003, 2004, 2005, 2006 and 2007, National Science Week in the **United Kingdom** featured live appearance/performances by Ig Nobel Prize winners, in many cities. There have also been tours or events in **Australia, The Netherlands, Austria, Greece, Sweden and Canada.**

For details of upcoming events (including the U.K. tour in March 2008 and the subsequent tour of Europe), see the Improbable Research web site, **www.improbable.com**.

On Friday night, October 26, the **Genoa (Italy)** Science Festival will feature a special Ig Nobel evening with Marc Abrahams and several Ig Nobel Prize winners.

Ig at AAAS

For a decade now, the Annual Meeting of the American Association for the Advancement of Science has featured an Improbable Research show. If you are in Boston in mid-February 2008, please come to the show at the 2008 Annual Meeting!

Ig on TV

The Japanese Public television network, NHK, produced a special hour-long program about the 2002 Ig Nobel Prize Ceremony. It was broadcast in prime time on Christmas Eve, 2002, and drew approximately 11 million viewers -- the largest audience for any program broadcast on the network that entire year. The broadcast producer thereupon vanished mysteriously.

The 24/7 Lectures

Each 24/7 Lecture will be delivered by one of the world's great thinkers. Each lecture has two parts:

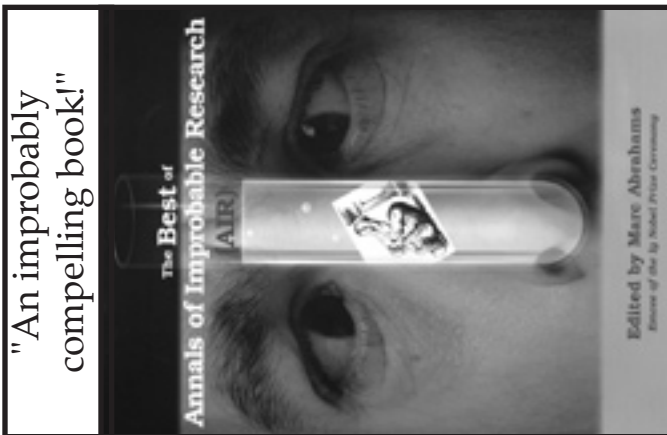
**A complete technical description
in 24 SECONDS**

**A clear, accurate summary that anyone can understand
in SEVEN WORDS**

The time limit and word limit will be **strictly enforced** by **Mr. John Barrett**, the Ig Nobel Referee.

This year's 24/7 lecturers include:

- **Jill Lepore**, historian. TOPIC: History
- **Fariba Houtman**, Research Ethicist. TOPIC: Research Ethics
- **Massimo Marcone**, food scientist. TOPIC: Food Science
- **William Lipscomb**, Nobel Laureate. TOPIC: Chicken
and perhaps one or two others.





*We are pleased to support
the Ig Nobel Prizes*

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Special Thanks to...

Sid Abrahams, Jackie Baum, Bob Bartosch, Tina Bowen, The British Association for the Advancement of Science, Alan Brody, Brown/Rudnick, Thad Choelentiarana, Cyber Access, Mark Dionne, Tatiana Divens, The Friends of Albus Dumbledore, Eric Engel, Martin Gardner, Holly Getting, Amy Gorin, Jason Govostes, Jeff Hermes, Mitch Hoffman, Holleb & Coff, Karen Hopkin, Susan Kany, Leslie Lawrence, Tom Lehrer, Jerry and Maggie Lettvin, Jerry Lotto, Ilya Luvish, Lois Malone, Milo, Regular Noetzli,** The Petscheks, Ruth Polleys, Harriet Provine, Jonathan Salz, Sanders Theatre, Annette Smith, Sip Siperstein, Jim Stoll, Al Teich, Ray Traietti, The University of Tasmania, Joe Wrinn and Howard Zaharoff. Very special thanks also to the late Alan Symonds, who for more than a decade helped us to solve our technical problems, and the the late Bob Dushman, who gallantly defended the Ig against a marauder.

*** Name misspelled.*

A list of the new Ig Nobel Prize winners will be posted at
WWW.IMPROBABLE.COM

Recent Past Winners

*For references and other details, including links to some of the original prize-winning work, see www.improbable.com and also the books *The Ig Nobel Prizes*, and *The Man Who Tried to Clone Himself*.*

The 2006 Ig Nobel Prize Winners

ORNITHOLOGY: Ivan R. Schwab, of the University of California Davis, and the late Philip R.A. May of the University of California Los Angeles, for exploring and explaining why woodpeckers don't get headaches.

NUTRITION: Wasmia Al-Houty of Kuwait University and Faten Al-Mussalam of the Kuwait Environment Public Authority, for showing that dung beetles are finicky eaters.

PEACE: Howard Stapleton of Merthyr Tydfil, Wales, for inventing an electromechanical teenager repellent -- a device that makes annoying high-pitched noise designed to be audible to teenagers but not to adults; and for later using that same technology to make telephone ringtones that are audible to teenagers but probably not to their teachers.

ACOUSTICS: D. Lynn Halpern (of Harvard Vanguard Medical Associates, and Brandeis University, and Northwestern University), Randolph Blake (of Vanderbilt University and Northwestern University) and James Hillenbrand (of Western Michigan University and Northwestern University) for conducting experiments to learn why people dislike the sound of fingernails scraping on a blackboard.

MATHEMATICS: Nic Svenson and Piers Barnes of the Australian Commonwealth Scientific and Research Organization, for calculating the number of photographs you must take to (almost) ensure that nobody in a group photo will have their eyes closed

LITERATURE: Daniel Oppenheimer of Princeton University for his report "Consequences of Erudite Vernacular Utilized Irrespective of Necessity: Problems with Using Long Words Needlessly."

MEDICINE: Francis M. Fesmire of the University of Tennessee College of Medicine, for his medical case report "Termination of Intractable Hiccups with Digital Rectal Massage"; and Majed Odeh, Harry Bassan, and Arie Oliven of Bnai Zion Medical Center, Haifa, Israel, for their subsequent medical case report also titled "Termination of Intractable Hiccups with Digital Rectal Massage."

PHYSICS: Basile Audoly and Sebastien Neukirch of the Université Pierre et Marie Curie, in Paris, for their insights into why, when you bend dry spaghetti, it often breaks into more than two pieces.

CHEMISTRY: Antonio Mulet, José Javier Benedito and José Bon of the University of Valencia, Spain, and Carmen Rosselló of the University of Illes Balears, in Palma de Mallorca, Spain, for their study "Ultrasonic Velocity in Cheddar Cheese as Affected by Temperature."

BIOLOGY: Bart Knols (of Wageningen Agricultural University, in Wageningen, the Netherlands; and of the National Institute for Medical Research, in Ifakara Centre, Tanzania, and of the International Atomic Energy Agency, in Vienna Austria) and Ruurd de Jong (of Wageningen Agricultural University and of Santa Maria degli Angeli, Italy) for showing that the female malaria mosquito *Anopheles gambiae* is attracted equally to the smell of limburger cheese and to the smell of human feet.

The 2005 Ig Nobel Prize Winners

AGRICULTURAL HISTORY. James Watson of Massey University, New Zealand, for his scholarly study, “The Significance of Mr. Richard Buckley’s Exploding Trousers.”

PHYSICS. John Mainstone and the late Thomas Parnell of the University of Queensland, Australia, for patiently conducting an experiment that began in the year 1927—in which a glob of congealed black tar has been slowly, slowly dripping through a funnel, at a rate of approximately one drop every nine years.

MEDICINE. Gregg A. Miller of Oak Grove, Missouri, for inventing Neuticles—artificial replacement testicles for dogs, which are available in three sizes, and three degrees of firmness.

LITERATURE. The Internet entrepreneurs of Nigeria, for creating and then using e-mail to distribute a bold series of short stories, thus introducing millions of readers to a cast of rich characters—General Sani Abacha, Mrs. Mariam Sanni Abacha, Barrister Jon A. Mbeki Esq., and others—each of whom requires just a small amount of expense money so as to obtain access to the great wealth to which they are entitled and which they would like to share with the kind person who assists them.

PEACE. Claire Rind and Peter Simmons of Newcastle University, in the U.K., for electronically monitoring the activity of a brain cell in a locust while that locust was watching selected highlights from the movie *Star Wars*.

ECONOMICS. Gauri Nanda of the Massachusetts Institute of Technology, for inventing an alarm clock that runs away and hides, repeatedly, thus ensuring that people DO get out of bed, and thus theoretically adding many productive hours to the workday.

CHEMISTRY. Edward Cussler of the University of Minnesota and Brian Gettelfinger of the University of Minnesota and the University of Wisconsin, for conducting a careful experiment to settle the longstanding scientific question: can people swim faster in syrup or in water?

BIOLOGY: Benjamin Smith of the University of Adelaide, Australia and the University of Toronto, Canada and the Firmenich perfume company, Geneva, Switzerland, and ChemComm Enterprises, Archamps, France; Craig Williams of James Cook University and the University of South Australia; Michael Tyler of the University of Adelaide; Brian Williams of the University of Adelaide; and Yoji Hayasaka of the Australian Wine Research Institute, for painstakingly smelling and cataloging the peculiar odors produced by 131 different species of frogs when the frogs were feeling stressed.

NUTRITION: Dr. Yoshiro Nakamats of Tokyo, Japan, for photographing and retrospectively analyzing every meal he has consumed during a period of 34 years (and counting).

FLUID DYNAMICS: Victor Benno Meyer-Rochow of International University Bremen, Germany and the University of Oulu, Finland; and Jozsef Gal of Loránd Eötvös University, Hungary, for using basic principles of physics to calculate the pressure that builds up inside a penguin, as detailed in their report “Pressures Produced When Penguins Pooh—Calculations on Avian Defaecation.”

The 2004 Ig Nobel Prize Winners

MEDICINE. Steven Stack of Wayne State University, Detroit, Michigan, USA and James Gundlach of Auburn University, Auburn, Alabama, USA, for their published report “The Effect of Country Music on Suicide.”

PHYSICS. Ramesh Balasubramaniam of the University of Ottawa, and Michael Turvey of the University of Connecticut and Haskins Laboratory, for exploring and explaining the dynamics of hula-hooping.

PUBLIC HEALTH. Jillian Clarke of the Chicago High School for Agricultural Sciences, and then Howard University, for investigating the scientific validity of the Five-Second Rule about whether it’s safe to eat food that’s been dropped on the floor.

CHEMISTRY. The Coca-Cola Company of Great Britain, for using advanced technology to convert ordinary tap water into Dasani, a transparent form of water, which for precautionary reasons has been made unavailable to consumers.

ENGINEERING. Donald J. Smith and his father, the late Frank J. Smith, of Orlando Florida, USA, for patenting the combover (U.S. Patent #4,022,227).

LITERATURE. The American Nudist Research Library of Kissimmee, Florida, USA, for preserving nudist history so that everyone can see it.

PSYCHOLOGY. Daniel Simons of the University of Illinois at Urbana-Champaign and Christopher

Chabris of Harvard University, for demonstrating that when people pay close attention to something, it's all too easy to overlook anything else -- even a woman in a gorilla suit.

ECONOMICS. The Vatican, for outsourcing prayers to India.

PEACE. Daisuke Inoue of Hyogo, Japan, for inventing karaoke, thereby providing an entirely new way for people to learn to tolerate each other.

BIOLOGY. Ben Wilson of the University of British Columbia, Lawrence Dill of Simon Fraser University [Canada], Robert Batty of the Scottish Association for Marine Science, Magnus Whalberg of the University of Aarhus [Denmark], and Hakan Westerberg of Sweden's National Board of Fisheries, for showing that herrings apparently communicate by farting.

The 2003 Ig Nobel Prize Winners

ENGINEERING. The late John Paul Stapp, the late Edward A. Murphy, Jr., and George Nichols, for jointly giving birth in 1949 to Murphy's Law, the basic engineering principle that "If there are two or more ways to do something, and one of those ways can result in a catastrophe, someone will do it" (or, in other words: "If anything can go wrong, it will").

PHYSICS. Jack Harvey, John Culvenor, Warren Payne, Steve Cowley, Michael Lawrance, David Stuart, and Robyn Williams of Australia, for their irresistible report "An Analysis of the Forces Required to Drag Sheep over Various Surfaces."

MEDICINE. Eleanor Maguire, David Gadian, Ingrid Johnsrude, Catriona Good, John Ashburner, Richard Frackowiak, and Christopher Frith of University College London, for presenting evidence that the brains of London taxi drivers are more highly developed than those of their fellow citizens.

PSYCHOLOGY. Gian Vittorio Caprara and Claudio Barbaranelli of the University of Rome, and Philip Zimbardo of Stanford University, for their discerning report "Politicians' Uniquely Simple Personalities."

CHEMISTRY. Yukio Hirose of Kanazawa University, for his chemical investigation of a bronze statue, in the city of Kanazawa, that fails to attract pigeons.

LITERATURE. John Trinkaus, of the Zicklin School of Business, New York City, for publishing more than 100 academic reports about things that annoy him.

ECONOMICS. Karl Schwärzler and the nation of Liechtenstein, for making it possible to rent the entire country for corporate conventions, weddings, bar mitzvahs, and other gatherings.

INTERDISCIPLINARY RESEARCH. Stefano Ghirlanda, Liselotte Jansson, and Magnus Enquist of Stockholm University, for their inevitable report "Chickens Prefer Beautiful Humans."

PEACE. Lal Bihari, of Uttar Pradesh, India, for a triple accomplishment: First, for leading an active life even though he has been declared legally dead; Second, for waging a lively posthumous campaign against bureaucratic inertia and greedy relatives; and Third, for creating the Association of Dead People.

BIOLOGY. C.W. Moeliker, of Natuurmuseum Rotterdam, the Netherlands, for documenting the first scientifically recorded case of homosexual necrophilia in the mallard duck.

NOTE: Are these things real? Yes, indeed. You can look it up. (For details see the Improbable Research web site, or see any of the Ig Nobel books.) The only exceptions came in 1991, the very first year that Ig Nobel Prizes were awarded, and 1994. In 1991, three additional Prizes were given for apocryphal achievements. In 1994, one prize was based on what turned out to be erroneous press accounts. All the other Prizes, in all years, were awarded for genuine achievements.

For a complete list of all Ig Nobel Prize winners (1991-now) see
the Improbable Research web site
WWW.IMPROBABLE.COM

SANDERS THEATRE

Sanders Theatre in Memorial Hall is operated by the Office for the Arts at Harvard. All inquiries should be addressed to:

Memorial Hall/Lowell Hall Complex

45 Quincy Street, Room 027

Cambridge, MA 02138-3003

Phone: 617.496.4595 Fax: 617.495.2420

CALENDAR OF EVENTS -- Available at the Harvard Box Office web site: www.fas.harvard.edu/~tickets

SMOKING -- There is no smoking allowed in Memorial Hall.

RESTROOMS/PUBLIC TELEPHONES -- Located on the Lower Level.

PARKING: THERE IS NO PARKING AT SANDERS THEATRE.

Free parking for Sanders Theatre events is available at the Broadway Garage, corner of Broadway and Felton Streets, from one hour pre-performance to one hour post-performance.

LOST AND FOUND -- Call 617.496.4595 or visit the Administrative Offices, Memorial Hall room 027. Memorial Hall and Harvard University are not responsible for lost or stolen property.

LATECOMERS -- Latecomers will be seated at the discretion of the management.

PHOTOGRAPHY AND RECORDING -- Use of cameras and audio and video recording equipment is prohibited. Film and tape will be confiscated.

ACCESS FOR PATRONS WITH DISABILITIES

Wheelchair accessible seating is available through the Harvard Box Office by telephone at 617.496.2222, TTY 617.495.1642, or in person. Sanders Theatre is equipped with Assistive Listening Devices which are available at the Box Office one-half hour before performance time.

For information about parking for disabled patrons, call Marie Trottier, University Disability Coordinator, at 617.495.1859, TTY 617.495.4801, Monday through Friday 9am to 5pm. Please call at least two business days in advance

THE HARVARD BOX OFFICE

Ticketing for Sanders Theatre events and more:

Phone: 617.496.2222; TTY: 617.495.1642

Advance Sales: Holyoke Center Arcade, Harvard Square
1350 Massachusetts Ave. Open Tuesday-Sunday 12 noon to 6pm.
Closed Mondays, some holidays and has limited summer hours.

Pre-Performance Sales: Sanders Theatre at Memorial Hall
Open performance days only, at 12 noon for matinees and 5pm for
evening performances. Open until one-half hour after curtain.

USHERING -- To inquire about ushering opportunities, contact
the Production Office at 617.495.5595.

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Assistant Director: Raymond C. Traietti / Production Manager:
Tina Bowen / Production Associate: Jonathan Salz / Production
Services Coordinator: Ilya Luvish / Staff Assistant: Adam Kassim

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Bartosch / Manager of Student Ticketing Services and Associate
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Amy LeBrun and Michael Van Devere / Box Office Assistants:
Heather Hughes and Vic Yambao

Ig Nobelliana

“I’d be pleased to have [Edward] Teller get a second Ig Nobel Prize so he could become listed in the Guinness Book of Records as the person who’s achieved the most Ig Nobel Prizes.”

—Linus Pauling, winner of the Nobel Prize in Chemistry (1954) and the Nobel Peace Prize (1962), and founding editorial board member of the *Annals of Improbable Research*.

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