Education at ASA
Martha Aliaga
Director of Programs
ASA Headquarters Building

732 North Washington Street
Alexandria, Virginia
Meeting Within a Meeting (MWM)

- One-day meeting on July 30, 2007 for Middle School and Junior High Math and Science Teachers
- Will enhance understanding and teaching of statistics within the math curriculum based on conceptual understanding, active learning, real world data, and appropriate technology
- Features activity-based sessions including lesson plan development
Meeting Within a Meeting (MWM)

Based on the GAISE (Guidelines for Assessment and Instruction in Statistics Education) report developed by ASA
The Committee on International Relations in Statistics launched the Educational Ambassador program in 2005. The program was developed to advance lasting collaborations between ASA and other international associations for permanent knowledge exchanges.
Who qualifies to become an Educational Ambassador?

- A Ph.D. in Statistics
- An Interest in Teaching
- Open to Study a New Area of Research
What will these Educational Ambassadors do?

These Educational Ambassadors will be subsidized to attend two Joint Statistical Meetings, attend a Continuing Education course in an emerging area of research, and receive one year ASA full membership.
What is next?

The Educational Ambassadors will then agree to return to their home country and within the next year, teach a class with no less than 10 people the subject matter of the CE course (called International LearnSTAT, the presentation of this course in the Educational Ambassador’s country will be financially subsidized by the ASA).
Educational Ambassador 2005

Diana Kelmansky
University of Buenos Aires, Argentina

International LearnSTAT in Ecuador
Educational Ambassador 2005

Course taken at JSM 2005: Analysis of Gene Expression Data presented by Dr. Terrence Speed et al.
Educational Ambassador 2005
Course presented at JSM 2006 on Wednesday, August 9, Building Statistical Capacity in Developing Countries (Section 394)
International

- Educational Ambassador 2005

2006 presentations: Mexico
Educational Ambassador 2005

2006 presentations: Mexico, Ecuador and Argentina
Eshetu Wencheko
Addis Abbaba University
Ethiopia
Educational Ambassador 2006

Courses taken at JSM 2006: *Generalized Linear Mixed Models: Theory and Applications* presented by Dr. Oliver Schabenberger and

Educational Ambassador 2006

Course presented at JSM 2007 on Wednesday, August 1,
Challenges with Statistical Education in Developing Countries: A Case Study
Diana Kelmansky and Eshetu Wenchenko at JSM 2006 with Continuing Education Course presenters
Educational Ambassador 2007

Le Thi Thanh Loan
University of Economics in Hochiminh City
Vietnam
Educational Ambassador 2007

Course taken at JSM 2007: Latent Class Analysis of Survey Error presented by Dr. Paul Biemer
Success of the Educational Ambassador Program
Web-based Education Programs

❖ Can reach almost anyone in the world with an internet connection and a telephone

❖ Eliminates need for costly travel

- Treatment starts at the age of 45 days; measurements taken every 10 days, from day 50 on.

- The responses are distances (pixels) between well defined points on x-ray pictures of the skull of each rat:
ETS and the ASA Committee on Membership Retention and Recruitment have established a fee-waiver scholarship program for selected students in developing nations.

Selected students receive a voucher for GRE and/or TOEFL and a two-year ASA student membership.
ASA has reached agreements with a number of statistical associations in developing nations to offer ASA membership to their members at a reduced rate.
AMSTAT NEWS Articles

Since December 2004, each issue of Amstat News has contained an article highlighting a statistical association from other countries. These articles serve as a means to better inform our members of the activities taking place worldwide in the discipline by our sister societies.
The Spanish Society of Statistics and Operations Research was created on February 12, 1962, with the name “Sociedad de Estadística e Investigación Operativa” (SEIO). At that time, there was an interest in promoting the theory and practice of the operations research disciplines in Spain. On June 30, 1979, the field of activities of the society was enlarged to include statistics and operations research, and the society was renamed “Sociedad Española de Estadística e Investigación Operativa” (SEIO). However, due to the high-speed development of computer sciences, several new scientific societies appeared in Spain at that time. For this reason, it was decided on December 20, 1984, to concentrate the activities of the society on statistics and operations research, and the actual name “Sociedad de Estadística e Investigación Operativa” was definitively established.

SEIO is an autonomous organization with about 750 individual members. The purpose of SEIO is to develop, spread, and disseminate statistical and operational research. SEIO organizes conferences, seminars, meetings, and workshops, and it promotes scientific and technological activities, scientific journals, and newsletters. It encourages national and international scientific cooperation, promotes data and inferences research works, and promotes contact with public companies or institutions, and encourages and promotes the general advancement and dissemination of the science and methodology of statistics and operations research when it is necessary. In 1990, SEIO established the SEIO Foundation.

SEIO is organized in two sections: statistics and operations research. Each section is led by a Committee and a Committee of Academic Associates. Since 1992, SEIO has had the following presidents: Fernando de la Hera, Sara Roca, Pilar Barceló, María J. López, Daniel Pena, Elías Moreno, José T. Juanes, Rafael Mateos, and Profe Gil. The current president is Domingo Muñoz (dumunoz@mu.es).

SEIO also has institutional members that are private or public institutions. For instance, the National Union of Universities (UNED) has a permanent position in the Executive Committee of SEIO. SEIO participates as a member of the International Statistical Institute, the International Federation of Operational Research Societies, the Association of European Operational Research Societies, the Spanish Committee of Mathematicians, and the Spanish Society of Operations Research. SEIO has currently four Research Groups: They organize regular meetings, and their work is the main focus of the society.

Dynamic Prediction, coordinated by Mariano J. Valderrama Sonnet

Game Theory, coordinated by José Núñez Socino

Location Theory, coordinated by José Pérez Pérez

Multicriteria Decision Theory, coordinated by Estrella Gamero Pérez and Gabriel Fernández Barbares (gabriel@mta.es)

SEIO publishes two scientific journals in English: 1993 and 2004, it is a journal of statistics and probability, in which the emphasis is placed on papers containing original theoretical contributions of direct or potential value in applications. A volume of about 500 pages is published annually in two parts.
Australia has a long history of excellence in statistics with many members being recognized internationally for their contributions to the discipline.

History

The Statistical Society of Australia, Inc. was formally established in 1952 as a national organization for Australian statisticians that acts as an umbrella organization for six state branches and more than 200 affiliated professional and student members throughout Australia.

Today, the society has a membership of approximately 600 members located in all states and territories of Australia.

Main Activities

SSAI conducts various activities that include Branch meetings, the publication of the journal, and other events. The society also offers professional development opportunities through workshops and seminars.

Journal

SSAI publishes the quarterly *Australian Journal of Statistics and Operations Research* (AJOS). AJOS contains a range of articles on statistical methodology, applications, and reviews. AJOS is available online, and individual subscribers have access to the journal's contents.

Newsletter

A quarterly newsletter is published to inform members of upcoming events and activities. The newsletter includes articles on recent developments in the field and other relevant information.

Conferences

SSAI organizes conferences and workshops throughout Australia, providing a platform for members to share their research and network with other statisticians.

In addition to conferences within Australia, SSAI also participates in international events and organizes international workshops and seminars.
The Argentinean Statistical Society (SAE)

Belgium: Small but Significant

The Swedish Society of Statisticians

International Statistical Institute, 56th Session, 2007: Martha Aliaga
Sociedad Ecuatoriana de Estadística —SEE
The main events of the year continue to be the annual CAS meeting held in May. This meeting moves between the North and the South, and is normally held at a hotel in an attractive setting. In 2006, it was in Galway, overlooking Galway Bay. This year, it will be in Enniskillen on the shores of Lough Erne. The meeting runs over the course of three days and is characterised by an array of scientific and social events, from Irish Statistical Association (ISA) was formed in 1997 and is the statistical society of Ireland. It arose from a long and successful series of conferences on statistics, one being in 1986. The ISA sponsors both the Irish Statistical Society (ISS) and the North Statistical Society (NSS). Where there are links to the local community, it is also to bring together statistical professionals and researchers from both communities. The ISA has representatives from both communities and the crackers of many main events have topped 100. There are also social and family events in addition to a few commercial pubs.
Korean Statistical Society
KSS Boasts 800 Members, Three Journals, Eight Subsidiaries

The Korean Statistical Society was established in 1971 as a national organization with the purpose of fostering the research and development of statistics in Korea. The society's membership has since grown to over 800 members. The society publishes three journals and eight Subsidiaries, which cover various aspects of statistical science.

Activities
The Korean Statistical Society has two main conferences annually and a biennial conference in December. It also publishes the Journal of the Korean Statistical Society, which has been produced every two years since 2002. In addition, it publishes the Journal of the Korean Statistical Society in Statistics, which is published biannually, and the Journal of the Korean Statistical Society in Economics, which is published quarterly.

JSM Highlights
JSM Highlights is the official news source of the Joint Statistical Meetings. It provides news and updates on the latest developments in statistics and related fields.

American Statistical Association
The American Statistical Association is a professional organization for statisticians and data scientists. Its mission is to promote the development and dissemination of statistical knowledge and to support the professional growth of its members.

Winner of the 2005 ASA/Gallup Survey Design and Implementation Award

Korean Statistical Society
Korea 30th National and Technology Expo, U.S., New York, New York
Asociación Mexicana de Estadística

International Statistical Institute, 56th Session, 2007: Martha Aliaga
Ethiopian Statistical Association (ESA)

Ethiopia Boasts Vibrant Statistical Community

The recent formation of the Ethiopia Statistical Association (ESA) has been recognized by the International Statistical Institute (ISI) as an important development in the field of statistics. The ESA was established in 2005 with the aim of promoting the development of statistics in Ethiopia and the region. The association has been instrumental in strengthening the statistical capacity of the country, and has been actively involved in various initiatives, including training programs and workshops. The ESA has also been instrumental in promoting collaboration with other statistical organizations, both within and outside Ethiopia.

The ESA has been successful in organizing various events, including conferences and workshops, which have contributed to the growth of the statistical community in Ethiopia. The association has been recognized by the government and has been given the responsibility of coordinating statistical activities in the country. The ESA has also been involved in the development of statistical policies and has been instrumental in the implementation of various statistical projects.

The ESA has also been active in promoting the use of statistics in decision-making processes, and has been involved in the development of statistical indicators for various sectors. The association has been successful in raising awareness among the public about the importance of statistics in decision-making.

In conclusion, the establishment of the ESA has been a significant development in the field of statistics in Ethiopia, and the association has been instrumental in promoting the development of statistics in the country. The association has been successful in strengthening the statistical capacity of the country, and has been actively involved in various initiatives, including training programs and workshops. The ESA has also been successful in promoting the use of statistics in decision-making processes, and has been involved in the development of statistical policies.
Uruguay
Statistical Community Small but Active

The statistical community in Uruguay is tiny—made up of no more than 40 statisticians. Despite this, there are active theoretical (e.g., nonparametric statistics, empirical processes, inference in stochastic processes) and applied (e.g., data networks, epidemiology, wind extremes, finances, demography) research groups at the academic level, which contributes to the presence of Uruguayan statisticians in the international scene.

A master’s degree in statistics is being developed there, though PhDs still must

Uruguayan statisticians are linked with statisticians from a number of countries, including Argentina, Brazil, Chile, Venezuela, Mexico, the USA, Canada, France, Spain, Italy, and the UK. Many are members of international societies, such as the International Statistical Institute, Institute of Mathematical Statistics, and Bernoulli Society. In fact, the president of the Latin American Regional Chapter of the Bernoulli Society has been from Uruguay for half the society’s existence.

For more information about statistics in Uruguay, visit http://sites.fing.edu.uy/.

2004 Punta del Este CIAPREM

The mathematics or informatics. There is also small but active in the private sector.
The Uganda Statistical Society

Uganda Statistical Society Is Revived

James Moko, President of USI

The Uganda Statistical Society was founded in 1991 as a professional society in Uganda. The society was dormant until the mid-1990s, when recently trained and returned expatriates made it ready for two decades. On January 11, 2005, the society was officially revived in a special session with the following objectives: promote the effective use of statistics in government, education, and private sectors; encourage research and development in the field of statistics; and promote collaboration and cooperation among statisticians in Uganda and other countries. The society now has a growing number of members and is actively involved in various activities, including the publication of a newsletter, AMSTATNEWS, which aims to disseminate information about statistical activities and developments in Uganda and the wider region.

Gerry Hahn Wins Box Medal

As an annual conference in Warsaw, Poland, this September (no reference provided), the European Network for Business and Industrial Statistics will present the European Box Medal, the Box Manager Award, and the Young Statistician Award. The winner of this year’s George Box Medal for outstanding contributions to industrial statistics is Gerry Hahn. Hahn has been recognized for his work in Six Sigma, Total Quality Control, and through his articles and books, worldwide. He is known for his expertise in statistical design, data analysis, and process improvement, and his work has been instrumental in advancing the field of industrial statistics.

For more information, visit www.stat.org or contact the society at amstatnews@gmail.com (506) 77 84 35.

Martha Aliaga
SOCHE One of First Statistical Societies in Latin America

SOCHE is a non-profit organization whose objective is to promote the advancement of statistics within academia, industry, and government. It is a popular organization in Latin America, despite most of its members residing in Europe. The organization was established in 1959, and its main mission is to advance the field of statistics and promote the communication of statistical research. The organization is a member of the International Statistical Institute (ISI) and ENDOS, an organization that supports statistical research and development.

Undergraduate Programs

SOCHE has an undergraduate program in statistics, which is tailored for students interested in pursuing a career in statistical analysis. The program is designed to provide students with a strong foundation in statistical theory and methodology. The program is accredited by the Accreditation Council for Statistics Education (ACSE), which is recognized by the Council of Educational Standards (CES) in Latin America.

Graduate Programs

SOCHE also offers a graduate program in statistics, which is designed for students who want to pursue a career in statistical research or industry. The program is accredited by the Council of Graduate Programs in Statistics (CGPS), which is recognized by the CES. The program is designed to provide students with a strong foundation in statistical theory and methodology, as well as practical experience in statistical analysis.

Statistical Schools

SOCHE has strong ties with statistical schools throughout Latin America. The organization collaborates with these schools to provide opportunities for students to engage in statistical research and to promote the advancement of statistics in Latin America. The organization also provides resources and support to statistical schools to help them in their mission to advance the field of statistics and promote the communication of statistical research.
Statistical Society of Slovenia

Society Provides Bridge from Industry to Academia

The Statistical Society of Slovenia (SSS) was founded about 30 years ago in December 1977, as part of the Yugoslav Statistical Society. It is an independent non-governmental organization that represents the interests of statisticians and other professionals working in the field of statistics in Slovenia. The society is committed to promoting the development of statistical science and the advancement of its practitioners.

The main goals of the SSS are to:
1. Promote statistical research and development among its members,
2. Foster the exchange of ideas and experiences among statisticians,
3. Organize conferences and seminars on statistical topics,
4. Provide a platform for the dissemination of statistical knowledge and information,
5. Advocate the use of statistical methods in various fields of application.

The SSS is an active member of several international organizations, including the International Statistical Institute (ISI) and the European Network of Institutes and National Associations of National Statisticians (ENI-NA).

In recognition of its contributions to the field of statistics, the SSS was awarded the Statistics Society of Slovenia Prize for the best statistical article published in the journal of the SSS. This prize is given annually to encourage excellence in statistical research.

The SSS also organizes the annual Statistical Congress of Slovenia, which is held in cooperation with other organizations and institutions. The congress is a major event in the field of statistics, attracting participants from all over the country and beyond.

Through its activities, the SSS plays an important role in advancing statistical science and promoting the application of statistical methods in various fields. It serves as a bridge between industry and academia, fostering the exchange of knowledge and promoting the development of statistical science in Slovenia.
South African Statistical Association

South African Societies Build Statistical Capacity

The 6th International Conference on Coaching Statistics (ICCS2008) was held in Cape Town, South Africa, in 2008. It was used to train an additional 83 coaches in the areas of coaching, statistics, but few were statistically significant pairs. The main emphasis was on training South African (SAS) coaches. The coaches were selected by the coaches and put on a one-week training program to train in South African and provincial performance standards in how to coach and understanding how to use the SAS coaching to their benefit. The coaches were given a final test after the training and a copy of the SAS Coach's information pack and a copy of the SAS Coach's information pack and were on the coaching list for training courses to be run for provincial and national teams competing in the international coaching and machinery of South Africa, SAS, and AMESA.

Concerns Raised

A question similar to reading a bar chart showing unemployment rates in the six provinces and the overall rate for South Africa, which was disappointing, is the percentage of correct answers. The question was: "How many provinces had unemployment rates of at least 20% in the 1996 census?" Only 37.5% selected the correct answer, 22.4% not reading the bar chart correctly with respect to the question (i.e., including the provinces as one of the provinces), and 39.4% apparently did not know what "at least" meant.

Another question related to reading a table and deciding whether statements such as "6.7% of the white students from a metropolitan area are male," are true or not. Only 22.5% of the teachers in the test were given a final test after the training and a copy of the SAS Coach's information pack and a copy of the SAS Coach's information pack and were on the coaching list for training courses to be run for provincial and national teams competing in the international coaching and machinery of South Africa, SAS, and AMESA.

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Indian Society of Probability and Statistics

Amstat News

The Membership Magazine of the American Statistical Association

Barabara
Bureau Is Responsive

Populating the Pipeline
Recruiting Students from Under-Represented Groups

Webcasts of JSM Sessions

NOW AVAILABLE

Indian Society for Probability and Statistics

Society Serves through Conferences,
Awards, Journal

The Indian Society for Probability and Statistics (ISPS), usually known as the Indian Society for Theory of Probability and its Application, was founded in August 1974 at Bombay (now Mumbai) with 23 members on its governing body. G. R. Gopee served as secretary. Membership of the society was open to all those interested in the theory and applications of statistics and probability.

Objectives of the society, as enunciated in the original statutes, were to, study and propagate the theory of probability and all related topics, foster research in probability theory and related topics and encourage their applications through the publication of periodicals, monographs, etc., and organise annual conferences and propose to different parts of the country.

When the society's name was changed on March 31, 1975, the objectives remained unchanged except for the addition of 'statistics' or 'probability.' Holding annual conferences was the first activity taken up by the society, with the first conference held in 1980 at Sri Venkateswara University, Tirupati. Since then, conferences have been held throughout India. The general format of the annual conferences includes invited and contributed paper sessions.

The society ceased publication of its periodical, 'Statistica,' and pre-conference workshops due to financial constraints.

A regular feature of the society's annual conferences is the F. V. Subrahmanyan memorial lecture, given by an eminent statistician on a topic of current relevance. The U. S. Narayanan memorial lecture is also given by an eminent statistician. The societys highest award is the Subrahmanyan Award and a prize in the name of Subrahmanyan. The society has also received national awards in recognition of its contributions to the development of probability and statistics.

The society began as a forum for young statisticians and has been instrumental in the development of the field in India. The society's aim is to promote statistical education and research in India, and to encourage collaboration with statistical organizations worldwide.

The society is also involved in organizing workshops, seminars, and conferences on various topics in probability and statistics. These events provide a platform for researchers, practitioners, and students to exchange ideas and discuss the latest developments in the field. The society also publishes the journal 'Indian Journal of Probability and Statistics,' which contains articles on research papers, reviews, and book reviews.
Romanian Society of Statistics

"Romanian Society of Statistics was founded in 1937 by a group of well-known specialists, whose outstanding theoretical and applied statistical research was recognized. The society has a long tradition of collaboration with other national statistical institutes and international organizations. The Romanian Society of Statistics is a professional scientific society that promotes the development of statistical science and its application in various fields. The society is composed of professional statisticians, researchers, and educators who contribute to the advancement of statistical knowledge and its practical application.

The society organizes conferences, workshops, and seminars, and publishes a journal on statistical research and applications. It also collaborates with other national and international organizations to promote the exchange of knowledge and experiences in the field of statistics.

The society's main objectives are to encourage the development of statistical science, to promote the use of statistical methods in various fields, to disseminate statistical knowledge, and to contribute to the advancement of the profession of statistics.
Slovak Statistical and Demographical Society

Meeting within a Meeting
Planned for
Teachers at JSM

Statisticians
Discuss Methods in Iraq Survey

Report Request
for Scientifically Based Results

Slovak Statistical and Demographical Society
Reaches Out to All Regions

International Statistical Institute, 56th Session, 2007: Martha Aliaga