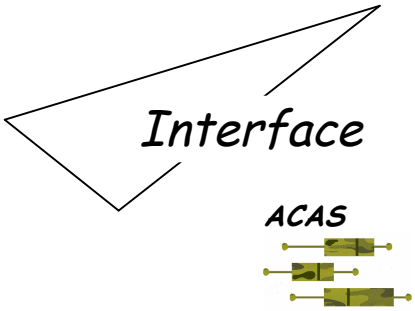

Interface Foundation of North America, Inc.
P.O. Box 7460
Fairfax Station, VA 22039-7460

May 28, 2010

SUBJECT: Army Conference on Applied Statistics

Dear Colleague,

Mark your calendar! The 16th annual Army Conference on Applied Statistics (ACAS) will be held from October 20-22, 2010 at the SAS Institute in Cary, NC. As a conference of the Interface Foundation of North America, ACAS stands as a leading forum for the presentation and discussion of theoretical and applied papers focusing on using probability and statistics to solve defense-related problems. ACAS and its predecessor Conference on the Design of Experiments in Army Research, Development & Testing are now in the 56th consecutive year of providing valuable opportunities for interaction among academic, industry, and DoD scientists. ACAS also fosters the advancement of statistical proficiency among DoD researchers in other disciplines who find themselves statistical practitioners because of the compelling benefits statistical science brings to DoD research, development, and testing.

Upon its founding in 1995, ACAS moved beyond the Army to include all the services, while keeping its historical ties to the Army. ACAS also broadened the focus of its parent conference to keep pace with the expanding roles that probability and statistics can contribute to the development and advancement of defense systems. The conference has welcomed presentations on far-ranging techniques and tools such as reliability analysis, statistical computing, visual data mining, simulation, linear and stochastic modeling, and data fusion.

This year's conference program will include invited talks by prominent investigators in various branches of statistics and applied probability as well as contributed papers of a technical, applied, or clinical nature. For 2010, ACAS returns to its roots with several invited presentations related to experimental design. To date, the following distinguished researchers have been confirmed:

- J. Stuart Hunter, keynote (Princeton, "A History of Experimental Design")
- J. Michael Gilmore (OT&E, DoD, "Design of Experiments in Defense Acquisition")
- Francisco Samaniego (UC Davis, "Network Reliability")
- Dan Nettleton (Iowa State, "Permutation Tests")
- Richard Heiberger (Temple, "R Through Excel")
- James R. Thompson (Rice, "Models in the Assessment of DoD Systems")
- Greg Hutto (53rd Wing Eglin AFB, "Design of Experiments")
- Brian Williams & David Higdon (Los Alamos, "Design of Simulation Experiments")

This year's conference will also feature four special sessions on the following topics: Integrated Testing (organized by Art Fries, Institute for Defense Analyses); Social & Cultural Terrain (Ed Wegman, George Mason); Health Science in the DoD (Robyn Lee, USA Medical Research Institute of Chemical Defense); and Case Studies in Army Applications of Statistics (COL Andy Glen and COL Rod Sturdivant, United States Military Academy).

The technical sessions of the conference will feature contributed papers by DoD scientists, and academic and industrial scientists, including investigators under contract to DoD. Contributed papers can range in content from new research to well-posed problems in which statistical methods are applied to solve specific DoD problems. Speakers are strongly encouraged to present their papers in terms of the potential or real problems that motivated the work. Results that rely on relatively recent or specialized results in the theory of statistics and probability should be explained in sufficient detail to permit an audience of statistical practitioners with broadly varying backgrounds to use the results to enhance their own problem-solving capabilities.

Clinical sessions, a distinct element of ACAS, accept unresolved problems in applied statistics. A panel of experts comprised of invited speakers and other distinguished attendees offer guidance on how to proceed. Authors of a clinical paper must provide a brief description of the problem by September 20, 2010 in order that panelists have sufficient time to prepare their recommendations. We invite you to consider this opportunity to present an interesting statistical problem to some of the country's leading applied and mathematical statisticians.

The Executive Board of ACAS is also pleased to announce that a free short course on "Design of Experiments and JMP" will be offered prior to the conference on October 18 & 19. The course will be taught by Professor Douglas Montgomery of Arizona State University and Dr. Bradley Jones of SAS. A course abstract will soon be available on the conference website, www.armyconference.org.

Participation from many activities is sought to ensure a mixture of science and application. A call for papers is hereby extended. Speakers will be notified regarding paper acceptance no later than September 10. It may become necessary to limit the number of papers, so a timely response is recommended. To submit a paper for consideration, please send the following information by September 7 to Barry A. Bodt, U.S. Army Research Laboratory, ATTN: RDRL-CII-C, Aberdeen Proving Ground, MD 21005-5067. (Electronic mail sent to babodt@arl.army.mil is preferred.)

1. Title of paper, and a brief abstract.
2. Name of author(s) and exact title of the organization(s).
3. Type of paper (technical or clinical).
4. Equipment needed (digital projector, overhead projector, etc.).
5. Telephone number of the author(s) (DSN or commercial).
6. E-mail address of the author(s).

Technical papers are nominally allowed 30 minutes, to include 5 minutes at the end for audience discussion and questions. Of the 40 minutes available for clinical papers, approximately 15 minutes are recommended for the problem statement, allowing 25 minutes for panel discussion.

The Army Conference on Applied Statistics also marks the occasion when the Army Wilks Award is presented for significant contributions to the U.S. Army in statistical research or applications relevant to the Army. This year the Board is accepting open nominations for award candidates. Letters of nomination should include the nominee's vita relevant to Army service, and should be mailed by August 20, 2010 to U.S. Army Research Laboratory, ATTN: RDRL-HR (Jock Grynovicki), APG, MD 21005-5425.

This year's conference and short course will take place on the campus of the SAS Institute in Cary, located in central North Carolina between Research Triangle Park and the capital city of Raleigh. Cary is one of 11 fascinating cities and towns that make up the Greater Raleigh metropolitan area, each with its own personality, charming visitors with historic downtowns, tree-lined main streets or some of the best golf in the state. Committed to preserving its past while embracing the future, Greater Raleigh's historic sites and world-renowned gardens mingle with trendy restaurants, professional sports action, cutting-edge culture and a hard-to-beat educational environment that is home to seven colleges and universities. If you are planning to see some of the area when you arrive, be sure to visit the Greater Raleigh Convention and Visitors Bureau website, www.visitraleigh.com.

A host letter providing more detailed information regarding registration fees, additional lodging, agenda, etc. will follow in September. After this mailing, information concerning the conference and short course will be made available at www.armyconference.org. This site will be periodically updated as details finalize. Any additional inquiries concerning the conference may be directed to Barry A. Bodt at the address noted previously, by phone (410-278-6659), or by fax (410-278-4988).

Sincerely,

David W. Webb
U.S. Army Research Laboratory
Aberdeen Proving Ground, MD

NOTE: ACAS has converted to primarily an electronic mailing list. If you would like future mailings to be sent to a different email address, or to a postal address, or if you would prefer to be removed from the mailing list altogether, please send an email to david.w.webb1@us.army.mil.

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