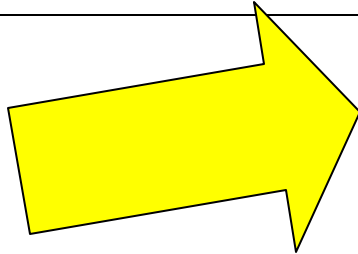


# ASAP Newsletter

The Philadelphia Chapter of the  
American Statistical Association



February, 2006



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

## PRESIDENT'S CORNER

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Thank you to all that attended the 2006 **Mid-Winter Gathering**. The event, held at The Sedgely Club on Boathouse Row, was attended once again by a capacity crowd. The evening was filled with good food, conversation and an entertaining and informative talk about Albert Einstein by Boris Iglewicz. Many thanks to our generous corporate sponsors -- Merck, GlaxoSmithKline and ICON -- for making this event possible. Thanks also to Paul Johansen, Debbie Panebianco and Paul Lupinacci for their efforts in organizing another successful event.

Our annual **Spring Meeting** will be take place Friday March 17th (see further details on pages 2-4) at the Fort Washington Holiday Inn. I hope you will join us for this meeting with an unusually diverse group of statistical topics, ranging from paleontology to data mining of adverse event databases to bioterrorism surveillance – please RSVP by March 10th.

ASAP is once again sponsoring three student awards at the upcoming **Delaware Valley Science Fair** (<http://www.drexel.edu/dvsf/index.htm>) on April 5, 2005 at the Fort Washington Expo Center. In addition we are looking for ASAP judges – you may register by contacting any ASAP officer or on-line at <http://www.drexel.edu/dvsf/judging.htm> (be sure to mention you are a “Special Awards” judge with ASAP). Please also let an officer know if you have registered on-line. See page 6 for additional details.

We are fast approaching this year’s elections for 2006-2007 ASAP officers. The following four elected positions will be on the ballot: President, Vice-President, Secretary and Treasurer. If you are interested in serving ASAP in one of these positions or would like more information, please contact any current officers. We plan to send this year’s ballot with our next newsletter.

We greatly appreciate feedback from our chapter members. If you have recommendations of speakers for future meetings, suggestions of topics for short courses, or ideas for other chapter activities, please feel free to contact any chapter officer. If you are not a member of our local ASAP chapter, please consider joining us! Hope to see you on March 17th!

~ Lisa Hickey

## CALENDAR OF EVENTS

|                           |  |
|---------------------------|--|
| Saturday, February 25     | PA Junior Academy of Science Science Fair ( <a href="http://www.pjas.net">www.pjas.net</a> )   |
| Tuesday, March 14         | Bucks County Science Research Competition  |
| <b>Friday, March 17</b>   | <b>ASAP Spring Meeting</b> ( <a href="http://www.AmstatPhilly.org">www.AmstatPhilly.org</a> )  |
| Friday, March 17          | Montgomery County Science Research Competition   |
| Saturday, March 18        | Lehigh Valley Science and Engineering Fair<br>( <a href="http://www.lehigh.edu/%7Einlvsf/judges.html">www.lehigh.edu/%7Einlvsf/judges.html</a> ) |
| Sun-Wed, March 26-29      | ENAR in Tampa ( <a href="http://www.enar.org/meetings.htm">www.enar.org/meetings.htm</a> )   |
| <b>Wednesday, April 5</b> | <b>Delaware Valley Science Fair</b> ( <a href="http://www.dvsf.org">www.dvsf.org</a> )   |
| <b>Friday, April 21?</b>  | <b>ASAP Short Course</b> ( <a href="http://www.AmstatPhilly.org">www.AmstatPhilly.org</a> )  |
| Thursday, May 4           | ATMOPAV Spring Banquet ( <a href="http://www.atmopav.com">www.atmopav.com</a> )  |
| Friday, May 17            | GPBA Workshop on "Statistics for Clinical Trials" ( <a href="http://www.gpba-bio.com">www.gpba-bio.com</a> )                                     |
| Sun-Thurs, August 6-10    | Joint Statistical Meetings in Seattle ( <a href="http://www.amstat.org/meetings/jsm/2006">www.amstat.org/meetings/jsm/2006</a> )                 |

## ASAP SPRING MEETING

RSVP by **Friday, March 10**

|  |   |   |
|--|---|---|
| <b>DATE:</b>   | <b>Friday, March 17, 2006, 11:30am-3:30pm</b>                           |   |
| <b>LOCATION:</b>   | Holiday Inn, 432 Pennsylvania Ave, Fort Washington, PA (1-800-339-0209) |   |
| <b>LUNCH DETAILS:</b><br><u>Buffet:</u> tossed garden salad with dressings; Caesar salad; antipasto salad; tomato, basil, mozzarella salad; chicken parmigiano; stuffed shells; red potatoes; hot green bean salad; foccacia bread w/olive oil; sliced italian bread; coffee, tea, decaf, iced tea | <b>TIME</b>   | <b>PROGRAM</b>  |
|  | 11:30-noon  | <i>Meeting check-in and payment</i>   |
|  | Noon-1:00   | <i>Networking Lunch</i>   |
|  | 1:00-1:05   | <b>Introduction</b> – <i>Lisa Hickey (President, ASAP)</i>  |
|  | 1:05 - 1:50   | <b>Statistical challenges in paleontology</b> –<br><i>Steve Wang (Swarthmore)</i>   |
|  | 1:50 - 2:35   | <b>Accounting for multiplicity in the evaluation of data mining 'signals' from spontaneous adverse event report databases</b><br><br><i>Larry Gould (Merck)</i> |
|  | 2:35 - 2:45<br>2:45 - 3:30  | <i>Networking Break</i><br><b>Spatial surveillance for public health: motivation and challenges</b><br>– <i>Ken Kleinman (Harvard)</i>                          |
| <b>Cost:</b> \$30 including lunch; \$15 without lunch and for full-time students.  |   |   |

**Directions:** From the PA Turnpike, take Exit 339 – Fort Washington. After the tollbooth, follow the left-hand lane under the overpass. (DO NOT TAKE THE ROUTE 309 RAMP.) The hotel is 1/8 mile on the left. From Route 309, take the Fort Washington exit. (DO NOT TAKE THE EXIT FOR THE PA TURNPIKE.) Exiting will put you onto Pennsylvania Avenue. Stay in the left-hand lane. The hotel is 1/8 mile on the left. The hotel is close to the Ft. Washington SEPTA stop on the R5 Lansdale/Doylestown line ([www.septa.org/service/pdfs/R5LD.pdf](http://www.septa.org/service/pdfs/R5LD.pdf)).

**Registration:** PLEASE REGISTER AND PAY IN ADVANCE by **Friday, March 10** to assist with the head-count. Contact ASAP Treasurer Paul Lupinacci at [paul.lupinacci@villanova.edu](mailto:paul.lupinacci@villanova.edu) / (610) 519-7435, **specifying if you are a student, if you will be eating lunch, if you are an ASA and/or and ASAP member, and your company/institution.** Checks should be made payable to "ASAP" and sent to Paul Lupinacci / Department of Mathematical Sciences / Villanova University / 800 Lancaster Avenue / Villanova, PA 19085.

*Abstract: "Statistical Challenges in Paleontology"*

The fossil record is incomplete and biased, and missing data are pervasive. As a result, interesting and unusual statistical issues arise in paleontology. I discuss two such issues.

First, a major research area is estimating metazoan diversity -- the number of kinds of animal in existence -- at any time during the half-billion year history of multicellular life. Estimating the trajectory of animal diversity is essential in inferring macroevolutionary patterns and processes. However, the data are subject to bias from incorrect taxonomy, uneven sampling, variation in rock volume, and many other factors. I discuss these biases and current methods to correct for them.

Second, mass extinctions, such as the end-Cretaceous event in which the dinosaurs perished, have played a major role in the history of life. A key issue in inferring the cause of a mass extinction is to determine the duration of the event. The incompleteness of the fossil record, however, makes it difficult to determine exact times of extinction. I discuss a model for estimating the duration of a mass extinction from incomplete fossil data.

*Biosketch*

**Steve Wang, PhD** is an Assistant Professor of Statistics at Swarthmore College. He earned his BS from Cornell University and his MS and PhD from the University of Chicago, where he did his dissertation on statistical models for computer handwriting recognition. He now works on statistical problems in paleontology and has a strong interest in baseball statistics. Before coming to Swarthmore, he taught at Williams College and Harvard University.

*Abstract: "Accounting For Multiplicity in the Evaluation of Data Mining  
'Signals' from Spontaneous Adverse Event Report Databases"*

The clinical trials undertaken during the development of pharmaceutical products generally are not large enough to identify rare potential toxicities associated with the use of a product. For this reason, ongoing postmarketing surveillance always is carried out once a product has been approved. One component of the surveillance activity is the accumulation of reports sent in by physicians and other health professions of adverse events reported by patients, along with the set of medications the patient was on at the time, in large spontaneous report databases. Although these databases are statistically deficient in a number of ways, they do contain millions of reports and it generally is accepted that the mass of accumulated information is large enough to identify possible drug-event relationships that can be investigated intensively by physicians and epidemiologists. Recently developed pure and empirical Bayes methods provide a way to summarize the data in these databases, including a quantitative measure of the strength of the reporting association between the drugs and the events. Determining which of the drug-event pairs, of which there may be many tens of thousands, represent real reporting associations and which random noise presents a

substantial problem of multiplicity because the resources available for medical and epidemiologic follow-up are limited. The issues are similar to those encountered with the evaluation of microarrays, but there are important differences. The purpose of this presentation is to address some of these issues, including a consideration of what constitutes a ‘null hypothesis’, and to evaluate the performance of currently available methods for dealing with multiplicity arising from very many comparisons. As with microarrays, there are important connections between methods based on the False Discovery Rate principle and Bayesian principles.

#### *Biosketch*

**A. Lawrence Gould, PhD** has been the Senior Director, Scientific Staff at Merck in Blue Bell since 1999. He has published numerous peer-reviewed journal articles on a wide range of subjects within the biopharmaceutical arena. From 2001-2002 he served as Editor of the *Journal of Biopharmaceutical Statistics*. He has received many awards for presentations and articles, including the Biopharmaceutical section of ASA’s best presentation of 1994 and the Donald Francke Award for the most outstanding article of 1991 in the *DIA Journal*. He was elected as a Fellow of ASA in 1988 and served as Secretary/Treasurer of ENAR from 1982-1986. He earned a PhD in Biometry from Case Western Reserve with a minor in medicine, and an MBA from Wharton.

*Abstract: “Spatial Surveillance for Public Health: Motivation and Challenges”*

Spatial surveillance involves repeatedly examining spatial data to look for evidence that something unusual is starting to happen. One compelling application of spatial surveillance is the monitoring for evidence of bioterrorism. In this talk, I'll describe the motivation for surveilling public health encounters, summarize some statistical approaches to detecting anomalies, and outline some challenges encountered in the data, in the practical context in which statistical methods are applied, and in trying to evaluate those statistical methods.

#### *Biosketch*

**Ken Kleinman, PhD** is an Assistant Professor in the Department of Ambulatory Care and Prevention (DACP) at Harvard Medical School and is an applied biostatistician with diverse interests. He is involved with many projects at the DACP, including vaccine and bioterrorism surveillance, observational epidemiology, and individual-, practice-, and community-randomized interventions. He also provides statistical feedback on proposed studies for Harvard-Pilgrim Health Care’s (HPHC’s) research administration group and advises the Human Subjects Committee (the Institutional Review Board of HPHC). Dr. Kleinman also consults within the DACP and HPHC on various statistical issues and advises DACP fellows on statistical and methodological aspects of their research projects. His statistical research centers mainly on methods for clustered and longitudinal repeated measures data. He also has interests in the area of missing data methods.

## ASAP MID-WINTER GATHERING



Boris Iglewicz (Temple University) entertains the audience at the Mid-Winter Gathering on January 27 with a discussion of Albert Einstein's statistical research. Photo © 2005 [www.IguanaPhoto.com](http://www.IguanaPhoto.com).

## OUTREACH UPDATE

It is the middle of "science fair season", so please see the information in this newsletter for a list of opportunities to contribute to local science fairs. We are also looking to organize a statistics career day and possibly a workshop for local area teachers. If you are interested in helping out or if you would like to offer ideas please contact me or one of the other officers. Everyone is encouraged to help out, but we are especially in need of statisticians in the engineering and financial areas to contribute to outreach. This will be more important as we begin to plan a career day!

~Cynthia Gargano, Outreach Officer ASAP, [cynthia\\_gargano@merck.com](mailto:cynthia_gargano@merck.com)

**Saturday, February 25, 2006** - Pennsylvania Junior Academy of Science Region 1B (PJAS 1B) - Montgomery County Judges are needed for the Montgomery County Region PJAS 1B competition from 7:30 a.m. to 12:30 p.m. at Cheltenham High School, 500 Rices Mill Rd Wyncote, PA, (get map [http://maps.yahoo.com/maps\\_result?ed=gKYYXOp\\_0ToMD.t7TJb6z7qcIShP8aisB2g-&csz=19095&country=us](http://maps.yahoo.com/maps_result?ed=gKYYXOp_0ToMD.t7TJb6z7qcIShP8aisB2g-&csz=19095&country=us)).

Judges will listen to the science, computer, mathematics and engineering research projects done by students from all over Montgomery County. Over 135 judges are needed for the 600 students who attend PJAS every year. See the attached letter for further information. You may register for the 1B competition at <http://pjas.net>. Click the link on the right "Judges Registration" to register and get driving directions. Continental breakfast and lunch will be provided. For more information please contact Mrs. Karen Frazier / Indian Crest Jr. High / FAX: 215-723-1560 139 Harleysville Pike / Phone: 215-723-9193 Souderton, PA 18964 / e-mail: [kfrazier@soudertonsd.org](mailto:kfrazier@soudertonsd.org).

**Tuesday, March 14** from 8:00 a.m. to 4 p.m. - the Annual Bucks County Science Research Competition will take place on the campus of Delaware Valley College in the James Work Gymnasium Complex. Lunch will be provided in the David Levin Dining Hall at 11:15 a.m. Students will arrive for interviews shortly after noon time. You may e-mail Ms. Cynthia Keler at [kelerc@devalcol.edu](mailto:kelerc@devalcol.edu) to obtain a registration form. Please call her at (215) 489-2261 if you have any questions.

**Friday, March 17** - the 49th Annual Montgomery County Science Research Competition will be held at the Montgomery County Community College Gymnasiums. There are TWO judging sessions. The MORNING session will run from 7:30 a.m. to 12:30 p.m. for High School Judging. The AFTERNOON session will run from 12:30 - 4:30 p.m. for Middle School Judging. If you have never judged before, you will be amazed at some of the research being done! Volunteers are encouraged to judge both sessions if possible. Breakfast and lunch will both be served on judging day at the college. Afternoon judges will receive a gift card to P. J. Whelihan's Pub, across the street from the college. To register, please call or email Judging coordinator Harry Anselmo at (215) 723-0148 or (215) 723-1196 ext. 4613 / [hanselmo@pennview.org](mailto:hanselmo@pennview.org) to obtain a registration form. There will not be a confirmation of your registration, just assume it has been received. Directions are at the following website: <http://www.mc3.edu/gen/directions/directions.html>.

**Saturday, March 18, 2006** from 8:00 a.m. to 3:30 p.m. - the Annual Lehigh Valley Science and Engineering Fair will be held on the campus of Lehigh University. At this time over 600 projects are signed up and 150 judges are needed. Breakfast and lunch will be provided. If you are interested, please register on-line at <http://www.lehigh.edu/%7Einlvsvf/judges.html>. Additional information is available at this site. Judges will report around 8:30 a.m. and will be finished by 2:30-3:30 p.m. Once you are registered you will be contacted about 10 days before the fair. Please contact Bob Haines if you have any questions via e-mail at [lvsvf@insaco.com](mailto:lvsvf@insaco.com) (preferred), or [rah@insaco.com](mailto:rah@insaco.com) or call him at 215 536-3500.

**Wednesday, April 5, 2006** – ASAP is again sponsoring three awards at this year's **Delaware Valley Science Fairs** (DVSVF), to be held again at the Fort Washington Expo Center. Independent research by students in the tri-state Delaware Valley area is usually presented first in their schools and then in regional Science Fairs from which the winners in each category and grade advance to the Delaware Valley Science Fairs in April. Judging requires a full day starting at 7:30am., ending by 3:30pm. Judging instruction and support is included, along with a continental breakfast and lunch. Contact with student scientists in a Science Fair is a rewarding experience for scientists or technicians who have recent experience in any field of medicine, science or engineering. On-line registration, judges' information and directions are available at the following web site: <http://www.drexel.edu/dvsf/judging.htm>. Please note that you are a "special awards judge for ASAP".

## **SHORT COURSE WITH DR. PHILLIP GOOD**

This year our chapter is honored to have been selected by ASA to present a traveling short course on **“Permutation, Parametric and Bootstrap Tests of Hypothesis”** taught by Dr. Phillip Good. We are still working out the final details, but it will likely take place on Friday, April 21. Stay tuned!

### **GPBA WORKSHOP: “STATISTICS FOR CLINICAL TRIALS”**

Friday, May 17 at Drexel University, 32<sup>nd</sup> & Market Streets

The Greater Philadelphia BioInformatics Alliance (GPBA) will be holding a one-day workshop on “Statistics for Clinical Trials” on Friday, May 17<sup>th</sup> from 8:30am-6:00pm. It will take place in the computer lab on the 7<sup>th</sup> floor of the Bressone Building on the campus of Drexel University, 32<sup>nd</sup> and Market Streets in Philadelphia. The course will cover a history of clinical trials and tutorials on basic concepts combining hands-on SAS training with real-life examples. There will be a panel discussion by noted leaders from 4:00-6:00pm, followed by a networking reception. The workshop is designed for graduate students and post-doctoral fellows pursuing computational biology and related fields, as well as industry professionals, physicians and clinical researchers seeking to develop skills and understanding in statistical techniques used in clinical trials. Cost is \$120. To register, or for more information, please go to [www.gpba-bio.com](http://www.gpba-bio.com).

### **VILLANOVA SUMMER COURSE**

Villanova University is pleased to announce that a graduate course in **Statistical Quality Control** will be offered this summer. Classes, which begin on June 1 and run until August 1, will be held on Tuesday and Thursday evenings from 6:00 till 8:00 PM. Topics may include philosophy, principles and techniques of quality improvement, control charts for attributes and variables, CUSUM and EWMA control charts, process capability studies, experimental design for variance reduction and product robustness. For further information, please contact Dr. Michael Levitan at [michael.levitan@villanova.edu](mailto:michael.levitan@villanova.edu) or 610 519-4818.

### **EMPLOYMENT**

The Philadelphia Chapter of the ASA has over 300 members in a variety of specialties covering academics, industry, and government. We can include your employment advertisement(s) (*maximum 100 words*) in our newsletters for the nominal fee of \$25 per ad. We issue newsletters in September, February, and May. You are encouraged to include the title and a brief description of the position, your contact information, and a link to a web site with additional information. Please send a check -- payable to “ASAP” -- to our Treasurer (see page 11), and email your text to the Newsletter Editor at [PMJohansen@aol.com](mailto:PMJohansen@aol.com).

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For either of the following 2 employment opportunities, contact Kelly Spak / Recruitment Resource Specialist / ICON Human Resources / 212 Church Road / North Wales, PA 19454 / 215-616-3373;

215-616-3083 (FAX) / [spakk@iconus.com](mailto:spakk@iconus.com) / [www.iconclinical.com](http://www.iconclinical.com). To apply go to <http://www.iconclinical.com/index.asp?getpage=true&sid=10>. ICON is an Equal Opportunity Employer.

**Senior Biostatistician** - ICON is seeking a candidate will be responsible for statistical aspects of clinical/preclinical research projects including study design, sample size estimation, patient randomization, case report form development, statistical analysis plans, statistical analysis/interpretation of data, reporting of results. Ph.D. degree in statistics, biostatistics, or related field with at least 6 years of pharmaceutical or related experience. Knowledge of applied parametric/nonparametric statistics, strong SAS programming skills, and the ability to translate client needs into statistical practice and the ability to educate clients in the use of statistics are essential. Excellent verbal and written communication skills are required.

**Associate Director, Statistical Programming** – ICON is seeking a candidate to be responsible for managing the SAS programmer analysts, coordinate all work activities and manage timelines. You will evaluate Case Report Forms (design phase), Statistical Analysis plans, software, QC and database and audit specifications; write/maintain all department guidelines; mentor staff and interview/hire staff; and provide technical support SAS users and develop analysis tools. Bachelor's degree and 4+ years of management/lead experience along with 10+ years of SAS programming experience in the pharmaceutical industry are required. Must have familiarity with multiple software products/platforms and demonstrated leadership skills.

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For the following employment opportunity, contact [sdevine@smithhanley.com](mailto:sdevine@smithhanley.com) or [ebrondum@smithhanley.com](mailto:ebrondum@smithhanley.com) (Engela Brondum) / Smith Hanley Associates, LLC / 212.687.9696 x242 / [www.smithhanley.com](http://www.smithhanley.com)

**Senior Biostatistician** Boutique CRO is seeking an experienced Biostatistician who enjoys the consulting side of the business as well as the statistical aspect of things to take on high-profile projects in various therapeutic areas. This is a very visible position requiring stellar communication skills, including the ability to write well. In this position you will interact with clients to provide statistical advisement and to discuss/develop statistical strategies best-suited to their needs. Likewise you will remain hands-on, participating in the writing of protocols, analysis plans and reports, and performing data analyses.

The successful candidate in this position is a dynamic leader and team player who is looking to grow with a company and who enjoys business development activities while remaining hands-on statistically. Collegial atmosphere provides ideal environment in which to develop and implement new ideas and allows for maximum creativity. PhD required; very experienced MS-level candidates with relevant experience may be considered. Upstate New York location offers excellent cost of living.

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For the following employment opportunity, contact Lou Bridda / Senior Account Executive / Bernard Hodes Group / T: 212-999-9264; F: 212-999-9484. An Equal Opportunity Employer.

**Associate Director, Clinical Pharmacology Statistics** Rahway, NJ Plan/execute advanced studies toward objectives assigned by Research Management; direct research endeavors by concentrating in technical/scientific specialty. Ph.D., M.S. or equivalent in statistics/biostatistics with knowledge of biomedical sciences; seven years experience for Ph.D., ten years for Master level, in design and evaluation of drug/vaccine discovery, non-clinical development or clinical trials. Management experience, knowledge of statistical and data processing software, and excellent communication skills required. Publications in statistical/medical journals desirable. Excellent benefits. Visit our career site: [www.merck.com/careers](http://www.merck.com/careers) to create a profile and submit your CV for STA000244.

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For the following two employment opportunities, send your resume to the President, Analysis & Inference, Inc. / Statistical consulting and Research / Victoria Mills, 1489 Baltimore pike, Suite 305 / Springfield, Pa 19064 / or e-mail [mfox@analysisandinference.com](mailto:mfox@analysisandinference.com) / or fax 610-543-8952. In this small company you will work directly with the President, staff, and consultants. Good compensation with advancement opportunity. We are an Equal Opportunity Employer.

**Data Analyst/Project Manager** -- Statistical consulting firm seeks staff person to create and manage databases used in analyses, be a project manager, and work as an analyst on interesting projects in government, business, and law. This position can be full or part-time. Established in 1979, the firm has a nationwide clientele—mainly legal, engaged in negotiations, arbitrations, and hearings. Duties include: 1) building clear, documented datasets in a form ready for analysis; entering complex data, setting up files, reading files in different formats, merging datasets, transforming variables, and documenting data collection and variables; 2) as a project manager, run client projects within scope, quality, schedule, and cost requirements using Microsoft Project; 3) on the analytical side, responsibilities are varied and including programming non-standard analyses. Required qualifications include: 1) significant experience using Access; command of advanced Excel; and programming knowledge; 2) ability to learn new applications quickly; 3) ability to establish standard operating procedures; 4) solid writing and communications skills; and 5) minimum of two years of experience in data or project management fields. Desired Qualifications include: 1) training in statistics, mathematics, or computer science; 2) experience in creating and maintaining project plans with working knowledge of Microsoft Project or equivalent project management software; 3) functional knowledge of STATA, R, or another statistical programming language; 4) experience in a consulting firm; 5) strong academic record; and 6) BA or higher.

**Computer/Office Assistant** -- Statistical consulting firm seeks Computer/Office Assistant to support Company President, staff, and consultants in various duties. We are looking for someone with diverse skills and meticulous work habits. This is a shared position with a current staff member. Hours are Monday through Thursday 1 p.m. to 5 p.m. and Friday 9 a.m. to 5 p.m. General responsibilities include: 1) maintain a variety of databases and computer files; 2) order subscriptions and supplies; 3) conduct web and phone research on organizations, meetings, financial issues, and business options; 4) computer file and equipment troubleshooting; 5) document printing and organizing; 6) orient and train new staff in office

procedures and systems; 7) print labels and oversee large mailings; 8) answer phones; 9) filing documents and paperwork; 10) install computer software; and 11) other duties as needed. Required qualifications include: 1) computer savvy, including ability to learn new applications quickly; 2) solid writing and communication abilities; 3) command of intermediate to advanced Excel, Word, and Outlook; 4) well-organized; and 5) minimum high school and some college and two years of relevant experience.

## TREASURER'S REPORT

|  |            |                   |
|--|------------|-------------------|
| <b>BALANCE FORWARDED (9/9/05):</b>       |            | <b>\$3,935.32</b> |
| <b>INCOME:</b>                           |            |                   |
| ASA Chapter Dues                         |            |                   |
| August, 05                               | \$178.00   |                   |
| September, 05                            | \$157.00   |                   |
| October, 05                              | \$183.00   |                   |
| November, 05                             | \$198.00   |                   |
| December, 05                             | \$246.00   |                   |
| <i>Subtotal</i>                          |            | \$962.00          |
| Mid-Winter Gathering Sponsorship         |            |                   |
| GlaxoSmithKline                          | 1,000.00   |                   |
| ICON Clinical Research                   | 500.00     |                   |
| Merck                                    | 1,000.00   |                   |
| <i>Subtotal</i>                          |            | 2,500.00          |
| Other Revenue Sources                    |            |                   |
| Fall Meeting Registration Fees           | \$520.00   |                   |
| Mid-Winter Gathering Registration Fees   | \$1,365.00 |                   |
| Spring Newsletter Ads                    | \$75.00    |                   |
| Refund: Harrisburg Chapter               | \$75.00    |                   |
| <i>Subtotal</i>                          |            | \$2,035.00        |
| <b>TOTAL INCOME:</b>                     |            | <b>\$5,497.00</b> |
| <b>EXPENSES:</b>                         |            |                   |
| Fall Meeting                             |            |                   |
| Rich Tolsma Productions: Videotaping     | \$423.00   |                   |
| Speaker Expenses                         | \$243.00   |                   |
| Supplies                                 | \$15.57    |                   |
| <i>Subtotal</i>                          |            | \$681.57          |
| Mid-Winter Gathering                     |            |                   |
| Sedgeley Club                            | \$600.00   |                   |
| Shackamaxon Catering                     | \$3,637.56 |                   |
| Sedgeley Steward                         | \$60.00    |                   |
| <i>Subtotal</i>                          |            | \$4,297.56        |
| Other Expenses                           |            |                   |
| Harrisburg Chapter: PSTA Sponsor         | \$200.00   |                   |
| PA Statistics Poster Competition Sponsor | \$300.00   |                   |
| Monthly Maintenance Fee                  | \$12.00    |                   |
| <i>Subtotal:</i>                         |            | \$512.00          |
| <b>TOTAL EXPENSES:</b>                   |            | <b>\$5,491.13</b> |
| <b>BALANCE FORWARDED (2/17/06):</b>      |            | <b>\$3,941.19</b> |

### A FEW GOOD STATISTICIANS

ASAP welcomes and encourages volunteerism! There are plenty of opportunities to help with chapter activities, from assisting meeting registration to judging science fair projects. This year we are embarking on an ambitious project to reach out to area primary and secondary schools to help them with statistics education. If you have some spare time and would like to serve your profession and ASAP, please

contact any of the chapter officers listed on the last page of the newsletter. **Thank you!**

**ASAP CHAPTER OFFICERS: July 1, 2005 – June 30, 2006**

|  |  |
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| <p><b><u>President*:</u></b><br/>         Lisa Hickey<br/>         Wyeth Research<br/>         500 Arcola Road<br/>         Collegeville, PA 19426<br/>         (484) 865-1310 <i>voice</i><br/>         (484) 865-0059 <i>fax</i><br/> <a href="mailto:HickeyL5@Wyeth.com">HickeyL5@Wyeth.com</a></p>   | <p><b><u>Vice President* / Newsletter Editor:</u></b><br/>         Paul Mange Johansen<br/>         Analysis &amp; Inference, Inc.<br/>         1489 Baltimore Pike, Suite 305<br/>         Springfield, PA 19064<br/>         (484) 213-1223 <i>cell</i><br/>         (610) 543-8952 <i>fax</i><br/> <a href="mailto:pmjohansen@aol.com">pmjohansen@aol.com</a></p>                 |
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| <p><b><u>Vice Chair, District 3,<br/>Council of Chapters :</u></b><br/>         B. Christine Clark<br/>         ICON Clinical Research<br/>         212 Church Road<br/>         North Wales, PA 19454<br/>         (215) 616-3412 <i>voice</i><br/>         (215) 616-3012 <i>fax</i><br/> <a href="mailto:clarkc@iconus.com">clarkc@iconus.com</a></p> | <p><b>*elected position as voted<br/>by chapter membership</b></p>   |