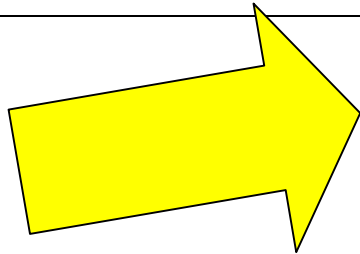


# ASAP Newsletter

The Philadelphia Chapter of the  
American Statistical Association



September, 2005



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

Check it out!

## PRESIDENT'S CORNER

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Welcome! I hope you all had a safe and enjoyable summer. It was great to see so many of you at our **Summer Short Course** with *Tim O'Brien* in July. Thank you for all your comments as well, as we greatly appreciate all the feedback we receive from our chapter members. Feel free to provide any additional feedback, comments or suggestions to any of our Chapter Officers at any time of the year -- contact information can be found on the last page of this newsletter.

I would like to welcome my fellow **Chapter Officers**: *Paul Johansen* has been elected Vice President and will continue serving as Newsletter Editor. *Paul Lupinacci* and *Bob Gagnon* have been re-elected as Treasurer and Secretary, respectively. *Devan Mehrotra* will continue as our appointed Chapter Representative, *Debbie Panebianco* will continue as our appointed Web Master and *Cindy Gargano* has accepted the formidable and important task of reviving the position of appointed Outreach Officer. I would like to thank our outgoing President *Diane Miller* for her many contributions to our Chapter these past two years. And thank you to all the chapter members that voted in this year's election.

It is time for our annual **Fall Meeting**, which will be held on Friday October 14<sup>th</sup>. We have a very exciting and unusual program, jointly sponsored by the *Organizational Dynamics Program* and the *Political Science Department* at the University of Pennsylvania. We are honored and pleased to present two illustrious speakers expressing opposing views on the 2004 exit poll controversy: *Steve Freeman* from UPenn Organizational Dynamics and *Warren Mitofsky*, President of Mitofsky International, the research organization that conducted the exit polls. Rounding out our program will be *Jianjun (David) Li* from Merck, with a talk entitled, "Can Statistics make a difference in these negative trials?" Biosketches and abstracts, as well as registration and venue information, can be found on pages 2-4.

Please read on for information about other exciting meetings, including the **13<sup>th</sup> Merck-Temple Conference** and the **9<sup>th</sup> Insightful User Conference** (both on page 7). [Hope to see you on October 14<sup>th</sup>!](#)

~ Lisa Hickey

## CALENDAR OF EVENTS

Monday, October 10	ASQ NQ Month Statistical Symposium (Penn State Great Valley)
<b>Friday, October 14</b>	<b>ASAP Fall Meeting (University of Pennsylvania)</b>
Wednesday, October 19	Demographic Analysis workshop (Philadelphia, <a href="http://www.CalmRiver.com">www.CalmRiver.com</a> )
Thur-Fri, October 20-21	GIS workshop (Philadelphia, <a href="http://www.CalmRiver.com">www.CalmRiver.com</a> )
Friday, October 21	13 <sup>th</sup> Merck-Temple Conference, Plymouth Meeting DoubleTree Hotel
Wed-Thur, October 26-27	9 <sup>th</sup> Annual Insightful User Conference, Westin Princeton
Saturday, October 29	ATMOPAV Fall Conference, The Haverford School
December 5-9	61 <sup>st</sup> Deming Conference on Applied Statistics, Atlantic City, NJ
<b>Friday, January 27, 2006</b>	<b>ASAP Mid-Winter Gathering, The Sedgeley Club</b>
March 19-22, 2006	ENAR in New Orleans ( <a href="http://www.enar.org/meetings.htm">www.enar.org/meetings.htm</a> )
<b>Late March, 2006</b>	<b>ASAP Spring Meeting (<a href="http://www.AmstatPhilly.org">www.AmstatPhilly.org</a>)</b>
Early April, 2006	ATMOPAV Spring Conference ( <a href="http://www.atmopav.com">www.atmopav.com</a> )
<b>July, 2006</b>	<b>ASAP Summer Short Course (<a href="http://www.AmstatPhilly.org">www.AmstatPhilly.org</a>)</b>
August 6-10, 2006	Joint Statistical Meetings in Seattle ( <a href="http://www.amstat.org/meetings/jsm/2006">www.amstat.org/meetings/jsm/2006</a> )

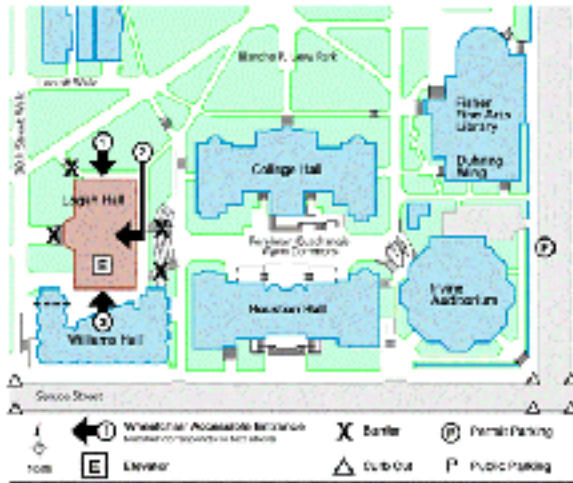
### ASAP FALL MEETING RSVP by **Friday, October 7**

ASAP would like to acknowledge the generosity of the **Organizational Dynamics Program** ([center.grad.upenn.edu/program/nav.cgi?page=welcome](http://center.grad.upenn.edu/program/nav.cgi?page=welcome)) and the **Political Science Department** ([www.ssc.upenn.edu/polisci](http://www.ssc.upenn.edu/polisci)) at the University of Pennsylvania for sponsoring the venue for this event and for helping to defray the cost of refreshments.

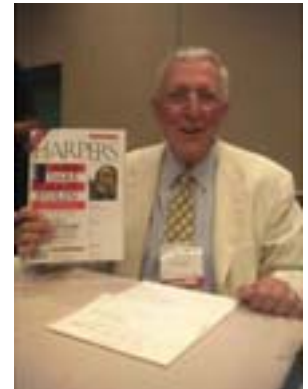
<b>DATE:</b>	<b>Friday, October 14, 2005, 11:30am-3:30pm</b>	
<b>LOCATION:</b>	University of Pennsylvania (Terrace Room, Logan Hall, 249 South 36 <sup>th</sup> Street)	
<b>LUNCH DETAILS:</b> Buffet: Assorted sandwiches (turkey breast, roast beef, albacore tuna), seasonal tossed green salad, side salad (pasta, potato), kettle chips, decadent dessert bars, cookies, bottled water, soda, coffee, and tea.	<b>TIME</b>	<b>PROGRAM</b>
	11:30 - noon	<i>Meeting check-in</i>
	noon - 1:00	<i>Networking Lunch</i>
	1:00 - 1:05	<b>Introduction – Lisa Hickey (President, ASAP)</b>
	1:05 - 1:50	<b>Polling Bias or Election Fraud? –</b> <i>Steve Freeman (University of Pennsylvania)</i>
	1:50 - 2:35	<b>2004 Exit Polls: What Bloggers And Others Got Wrong –</b> <i>Warren Mitofsky (Mitofsky International)</i>
	2:35 - 3:00	Discussion
	3:00 - 3:15	<i>Networking Break</i>
3:15 - 4:00	<b>Can Statistics Make a Difference in These Negative Trials?</b> – <i>David (Jianjun) Li (Merck)</i>	
<b>Cost: \$25 including lunch; \$10 for full-time students.</b>		

**Directions/Parking:** Logan Hall is located just off Spruce Street above 34<sup>th</sup> Street (see map). For directions to the University of Pennsylvania campus by car and public transportation, please go to [www.facilities.upenn.edu/visitUs](http://www.facilities.upenn.edu/visitUs). Metered pay parking is available on many city streets. There are ten, public pay parking facilities around the campus, including at the Palestra (east side of 33<sup>rd</sup> Street, lot #5), South Street & Convention Avenue (lot #7), between 33<sup>rd</sup>, 34<sup>th</sup> and Spruce Streets (lot #8), **the NE corner of 38<sup>th</sup> and Walnut Streets (lot #30)**, the NW corner

or 34<sup>th</sup> and Chestnut Streets (lot #34), and the NW corner of 40<sup>th</sup> and Walnut Streets (lot #40). Parking in lot #30 is \$8 for the 1<sup>st</sup> hour and \$2/hour thereafter; other lots are comparably priced.



Logan Hall



Warren Mitofsky

**Registration:** PLEASE REGISTER AND PAY IN ADVANCE by **Friday, October 7** 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 are an ASA and/or an ASAP member, and your company/institution.** Checks should be made payable to "ASAP" and sent to Paul Lupinacci / Department of Mathematical Statistics / Villanova University / 800 Lancaster Avenue / Villanova, PA 19085.

*Abstract: "Polling Bias or Electoral Fraud? An Examination of State-Level Discrepancies Between the Official Count and Exit Poll Results in the 2004 US Presidential Election"*

Exit poll data, based on 114,559 sampled voters at 1,460 precincts across the nation who were asked in confidential questionnaires how they voted, suggest that John Kerry won the 2004 US Presidential election. These survey data deviate 6.5 percentage points from the official counts in those same precincts (Within Precinct Error or WPE), a discrepancy which extrapolates to eight million votes nationwide.

The official explanation for the discrepancy – that Kerry voters participated in the exit polls at a higher rate than Bush voters – is unsubstantiated by evidence. The very data presented to justify the “reluctant Bush respondent” thesis seems to contradict it entirely. Unfortunately, the National Election Pool has refused access to the precinct level data that could be used to properly investigate claims of polling bias and electoral fraud.

In this presentation, I use publicly available, state-level data to investigate theories put forward to explain the discrepancy. Statistical analyses indicate no support for the “reluctant Bush respondent” thesis; rather, the data suggest that the exit polls slightly *overstate* support for the President. Data do reveal, however, statistically significant correlations between WPE and Republican gubernatorial control, state electoral importance, voting technology, and other election administration variables. These relationships are inconsistent with theses of polling bias, but consistent with theses of electoral fraud.

*Biosketch*

**Steve Freeman** is the recipient of several prestigious research awards for outstanding scholarship from the Academy of Management and the author of numerous journal articles, research reports, cases, and education notes. His upcoming book, Was the 2004 US Presidential Election Stolen?: Exit Polls, Election Fraud, and the Official Count, co-authored with Joel Bleifuss (editor of *In These Times*), will be published by Seven Stories Press ([www.sevenstories.com](http://www.sevenstories.com)) later this year.

Freeman has held academic positions at the University of Pennsylvania -- where he is currently a member of the Center for Organizational Dynamics -- the Universidad de San Andreas in Buenos Aires, Argentina, and the Central American Institute of Business Administration (INCAE); and also has extensive industry experience as a consultant, researcher and entrepreneur. He earned his PhD in Organization Studies from MIT's Sloan School of Management in 1998, and his MS in Social System Sciences from the Wharton School in 1987.

*Abstract: "2004 Exit Polls: What Bloggers And Others Got Wrong"*

The 2004 exit polls were generally believed to have indicated a victory for John Kerry. Nothing could have been further from the truth. This was compounded by the conspiracy theorists after the election who mistakenly claimed the exit polls validated their claim. There was no evidence in the exit polls to substantiate these claims. On election day the misinformation about the exit polls was spread by inexperienced people trying to make sense of complex statistical data. After the election the academics who yelled election fraud were no better. It is time to set the record straight.

*Biosketch*

**Warren J. Mitofsky** was elected a Fellow of the American Statistical Association in 1989. Since 1994 he has been President of Mitofsky International (MI), an election and public opinion survey research company. He has conducted surveys in the US for *The New York Times*, *The Washington Post*, CNN, CBS, ABC, FOX, NBC, PBS and the Associated Press, in Mexico for Televisa, and other news organizations worldwide. Mitofsky is also a Director of Edison Media Research (EMR). EMR and MI conducted exit polls for analysis and projections for the 2004 presidential primaries and elections for the National Election Pool. He is currently working on a book about exit polls. He worked at the Census Bureau prior to 1967, where he designed many surveys during the early days of the poverty program, for Presidential Commissions investigating the selective service system, the Watts riots and other demographic surveys.

Mitofsky is the past president of the American Association for Public Opinion Research (AAPOR), and the National Council on Public Polls and the Research Industry Coalition. He received AAPOR's lifetime achievement award in 1999 and was admitted to the Market Research Council Hall of Fame in 2005. In 1995 he was a fellow at Harvard's Kennedy School of Government and was a visiting professor at the University of Michigan. He serves as Director of Interactive Communication research at Marist College and is an adjunct lecturer at Columbia University. He did graduate work at the University of Minnesota.

*Abstract: “Can Statistics Make A Difference In These Negative Trials?”*

It was a shock that the CAPRICORN trial of beta-blockers post-MI had such an ending: neither of the two co-primary endpoints was significant after a Hochberg multiplicity adjustment (p-value 0.029 for mortality and 0.310 for combined mortality and hospitalization). The trial would have been “successful” if the protocol had not been revised at the interim to include the latter endpoint as co-primary, but maintained mortality as the sole primary endpoint (in which case the critical cut-off would have remained 0.050). However, no one can predict the trial results beforehand with certainty.

With 3 out of 4 protocols having non-significant primary endpoints, the U.S. Carvedilol heart failure program was failure. Although the drug Carvedilol was finally approved based on an ad-hoc statistical finding on mortality, it is still not clear whether there was sufficient evidence that Carvedilol can prevent death in the trials. This point has been debated at length in the published literature.

There are many trials like these mentioned above: ATLAS, SOLVD, ..... Drug development is challenging and confirmatory trials are often associated with uncertainty!

With introduction of two remarkably powerful approaches -- a novel step-up procedure and an adaptive alpha allocation approach -- this talk will discuss how such statistical approaches can increase the probability of success of a trial in general, and specifically, how these approaches, if prospectively specified, would have overturned the conclusions of the aforementioned “negative” trials. This is joint work with Dr. Devan Mehrotra.

#### *Biosketch*

**Jianjun (David) Li** received his Ph.D. in Statistics in 2001 and M.S. in Applied Statistics in 1999 from the Statistics Department, Purdue University. He joined in Merck in 2001 and has been working in the Clinical Biostatistics Department of Merck Research Labs since then. He has published numbers of papers in the field of applied probability and applied statistics, and has served as a referee for various journals including *Biometrics*, *Statistics in Medicine*, *Journal of Statistical Inference and Planning*, and *Statistics and Decisions*. His current research interests in biopharmaceutical statistics focus on categorical data analyses, survival analyses, multiple testing procedures, and adaptive methodologies.

**AMERICAN SOCIETY FOR QUALITY:  
NATIONAL QUALITY MONTH STATISTICAL SYMPOSIUM  
October 10, Penn State Great Valley**

In celebration of National Quality Month, the Philadelphia Section of ASQ and the Engineering Division of Penn State Great Valley are proud to once again sponsor a morning symposium on statistical methods useful to quality practitioners. This year's theme is "Quality: The Statistics Connection". The aim is to give attendees some useful facts and tools that can translate readily into practice. The plenary keynote session will be followed by two parallel sessions. In the keynote session, **J. Stuart (Stu) Hunter** (Princeton University, Emeritus) will discuss "The Bayes are Coming" building on material from the recently published second edition of Statistics for Experimenters by Box, Hunter, and Hunter. In the first parallel session on "Dealing with Hard to Change Factors in Experimentation", **Jose Ramirez** (W. L. Gore and Associates, Inc.) will discuss "To Split or Not to Split: Do We Have a Choice?" and **James M. Lucas** (J.M Lucas Associates) will address "Using Fractional Factorial Split Plots: Minimum Aberration or Optimum Blocking?" In the second parallel session on "Quality Practice", **Timothy L. Schofield** (Merck) will discuss "Statistical Methods to Insure Vaccine Quality" and **Pallavi Chitturi** (Temple) will address "25 Years of Taguchi: What Have We Learned?" For more information and directions, visit [www.gv.psu.edu/Directions/](http://www.gv.psu.edu/Directions/). The registration fee of \$30 includes continental breakfast and a box lunch. To register call *Ursula Thompson* at 610-648-3277 or [umt1@psu.edu](mailto:umt1@psu.edu).

**DEMOGRAPHIC ANALYSIS and GIS MAPPING WORKSHOPS  
October 19-21, One Penn Center@ Suburban Station**

For additional information and to register go to [www.CalmRiver.com](http://www.CalmRiver.com) or call 800-707-2256.

**Demographic Analysis – One Day Workshop October 19 (9:00 -- 4:15pm, \$245)**

The Demographic Analysis Workshop teaches participants to perform in-depth demographic studies of their community. Participants learn how to easily extract data from the Census Bureau and other federal and local sources. State and Federal grants increasingly require in-depth demographic studies of the population you serve - this fast paced hands-on workshop will teach you how to succeed.

The Demographic Analysis workshop includes instruction on the creation of thematic maps – showing detailed information on which neighborhoods have the highest concentrations of numerous demographic variables such as poverty, income, race, age, ancestry, educational attainment, disabilities, etc.

**Using Census Data in GIS Mapping (ArcView 9.0) – Two Day Workshop (9:00am -- 4:15pm, \$490)**

The two-day GIS workshop focuses on using Census Data and a Geographic Information System (GIS) in concert. This workshop is specifically designed for those involved in community planning, program design, proposal writing, needs assessments and fundraising.

Objectives of the Community Mapping with GIS include: 1) creating a detailed, custom map of your community; 2) adding census data to your GIS maps; 3) GeoCoding; 4) turning maps into compelling documents to effect change; 5) how to use GIS maps to analyze your community. All Workshop participants will receive: 1) a workbook on creating a compelling, detailed demographic analysis of your community/target population; 2) sample data and maps for several Pennsylvania Counties showing detailed demographic trends; and 3) sample GIS maps for Pennsylvania Counties and a free GIS map browser, ESRI ArcExplorer – GIS participants can also receive a 60 day evaluation copy of ArcView.

**13<sup>th</sup> MERCK-TEMPLE CONFERENCE ON  
RESEARCH TOPICS IN BIOPHARMACEUTICAL STATISTICS  
October 21, Plymouth Meeting DoubleTree Hotel**

This annual conference is designed to present talks and discussion of biopharmaceutical statistics interest. This year's speakers include: **Ron Brookmeyer** (Johns Hopkins University); **Inna Chervoneva** (Jefferson University); **Susan Ellenberg** (University of Pennsylvania); **Devan Mehrotra** (Merck); **Xiao-Li Meng** (Harvard University); and **Ross Prentice** (Fred Hutchinson Cancer Center). Cost is \$80 (\$40 for persons from Merck, \$60 Bristol-Myers Squibb and Wyeth, \$25 for all full time graduate students). For registration information and conference details see left sidebar of [www.sbm.temple.edu/~biostat](http://www.sbm.temple.edu/~biostat), or contact *Boris Iglewicz*, Director, Biostatistics Research Center, Temple University at [borisi@temple.edu](mailto:borisi@temple.edu) or (215) 204-8367.

**9<sup>TH</sup> INSIGHTFUL USER CONFERENCE  
October 26-27, Westin Princeton (Forrestal Village)**

The Insightful 2005 User Conference provides an excellent opportunity for networking with S-PLUS experts, users and industry leaders. See the latest innovations, hone your skills, and share problem-solving methodologies to deploy statistics across the enterprise.

This year's Keynote speaker will be **Dr. William Q. Meeker**. Bill is the esteemed author of the book [\*Statistical Methods for Reliability Data\*](#), recognized by the Association of American Publishers Professional/Scholarly Publishing Division Award for Excellence and Innovation in Engineering. He is a Fellow of the American Statistical Association and a past Editor of *Technometrics*. He is currently an Associate Editor for the journal *Life Data Analysis*. He has won the American Society for Quality (ASQ) Youden prize three times and the ASQ Wilcoxon Prize three times. He is the co-author of three books, three book chapters, and of numerous publications in the engineering and statistical literature.

ASAP members may receive a special **discount rate of \$99** (down from \$199) by entering Promotional Code "ASAP" on the online registration. For more details and registration information, please go to [www.insightful.com/news\\_events/2005uc](http://www.insightful.com/news_events/2005uc).

## **ATMOPAV FALL CONFERENCE**

**October 29, The Haverford School**

The Association of Teachers of Mathematics of Philadelphia and Vicinity (ATMOPAV) is an organization of mathematics educators dedicated to the improvement of mathematics education at every level from kindergarten through college. ATMOPAV has 1100 active members and will be having its fall conference on October 29 at The Haverford School, 450 Lancaster Avenue in Haverford ([www.haverford.org](http://www.haverford.org)). Two morning workshops will be followed by exhibits and a keynote speaker over a box lunch. **Ruth Carver** (Germantown Academy) will use activities and computer simulations to provide a deeper understanding of power, Type I and II errors in “I’ve Got the Power!” Industry statisticians **Cynthia Gargano**, **Lisa Hickey**, and **Tom Bradstreet** will describe a variety of statistical topics on experimentation and study design – including populations and sampling, randomization and randomized designs, bias, placebo and control groups, blinding, and simple statistical tests for the presented experimental designs – in “Experimental Design for Statistics Teachers”. For additional information and registration information, please see [www.atmopav.com](http://www.atmopav.com).

## **61<sup>ST</sup> DEMING CONFERENCE ON APPLIED STATISTICS**

**December 5-9, Havana Tower, Atlantic City, NJ**

For further information see [www.demingconference.com](http://www.demingconference.com) or contact Walter R. Young / 16 Harrow Circle / Wayne, PA 19087 / 610- 989-1622 / [walter.young10@verizon.net](mailto:walter.young10@verizon.net). Registration discounts are available before October 1 and November 1.

## **ASAP MID-WINTER GATHERING**

**Friday, January 27, 2006, The Sedgeley Club (Boathouse Row)**

This year **Boris Iglewicz** (Temple) will present “*Albert Einstein: Centennial Celebration of a Master Statistician*” while we once again enjoy catching up with colleagues and friends over a catered meal by Shackamaxon along Boathouse Row. PECO Energy recently completed its “Relighting Boathouse Row Challenge” by installing new, energy efficient LED technology.

## **ENAR 2006 IN NEW ORLEANS**

At the present time, the 2006 ENAR conference is still scheduled to be held in New Orleans March 19-22, 2006. Please see [www.enar.org/meetings.htm](http://www.enar.org/meetings.htm) for up-to-date information on the impact that hurricane Katrina will have on this meeting.

## 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!**

### 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, and email your text to the Newsletter Editor ([pjohans1@tibus.jnj.com](mailto:pjohans1@tibus.jnj.com)).

\* \* \* \* \*

For any of the following 4 employment opportunities, contact **Torey Vizzo** / Managing Director, Biostatistics / The Cambridge Group Ltd / 1175 Post Road East / Westport, CT 06880 / (800) 525-3396 ext. 248 / Fax: (203) 226 - 3856 / [biostat@cambridgegroup.com](mailto:biostat@cambridgegroup.com) / [www.cambridgegroup.com/pharmaceuticals](http://www.cambridgegroup.com/pharmaceuticals)

#### Assistant Director, Biostatistics, NJ

The Assistant Director is responsible for the accuracy and appropriateness of statistical components for reports, submissions and publications. Maximize statistical productivity without compromising morale, accurately predict future workloads and provide motivation and training of staff. Demonstrate an accurate understanding and implementation of current regulatory requirements and issues that could affect the design, conduct, analysis, or interpretation of clinical programs. Must be competent in experimental design, descriptive and inferential statistics, biometrics and computer systems. Clinical trial experience including interaction with Regulatory Agencies, especially FDA, is necessary. A PhD with 6+ years of pharmaceutical experience required.

#### Senior Biostatistician, CT

The Senior Research Biostatistician must interact with clinical research personnel, data management and medical writers in the planning, design, conduct, evaluation, interpretation and presentation of study results and reports. Develop and select appropriate statistical methods for design and analysis of studies and projects. Review key project documents and furnish responses on statistical issues raised by regulatory agencies. Serve as department representative on project teams. Candidate must have a PhD with 4 years or a MS with 6 years of experience in the pharmaceutical industry.

Senior Director, Biostatistics, NC

The Senior Director of Strategic Development in Biostatistics provides input to internal and external customers on the use of advanced statistical methods to increase the chance of success, cut expected trial costs, or decrease trial duration for drugs under Phase IIB/III stages of development. Represent clients at FDA meetings. Knowledge of current FDA regulatory requirements with respect to clinical development programs, study designs, primary endpoints, and acceptable analyses for multiple therapeutic areas is necessary. A good understanding of the clinical drug development process and a PhD with 8 years of pharmaceutical experience required.

Associate Director/Director, Biostatistics, CA

Associate Director/Director Biostatistics will work with the project team to manage internal and external resources for overall planning of biometrics activities, (including data management, programming and statistical analysis) to establish project timelines, computerize data validation checks and perform statistical analyses. Provide expertise and leadership in clinical trial design, sample size determination, analysis plan, clinical program strategy, interpretation of analytical results, reporting and regulatory interactions. Participate in selection and supervision of CROs to ensure timely and quality delivery of analysis results. A PhD with at least 10 years pharmaceutical experience required.

**STATISTICAL QUOTES**  
from **“Statistically Speaking”: A Dictionary of Quotations**  
by **C.C. Gaither and A.E. Cavazos-Gaither**

"I have seen the collective noun for statisticians cited as 'a variance of statisticians'. I prefer 'a skewer of statisticians'. There might also be some specialized terminology for Bayesians." (Peter Lachenbruch)

“As mathematical and absolute certainty is seldom to be attained in human affairs, reasoning and public utility require that judges and all mankind in forming their opinion of the truth of facts should be regulated by the superior number of probabilities on the one side or the other.” (Lord Mansfield)

“Some play at chess, some at cards, some at the Stock Exchange. I prefer to play at Cause and Effect.” (Ralph Waldo Emerson)

“Can there be laws of chance? The answer, it would seem, should be negative, since chance is in fact defined as the characteristic of the phenomena which follow no law, phenomena whose causes are too complex to permit prediction.” (Emile Borel)

“My data were very lax but this method of treatment got all the good out of them that they possessed.” (Francis Galton)

“*Athenian Stranger*. They say that the greatest and fairest things are the work of nature and of chance, the lesser of art, which, receiving from nature the greater and primeval creations, molds and fashions all those lesser works which are generally termed artificial.” (Plato)

“Poor data and good reasoning give poor results. Good data and poor reasoning give poor results. Poor data and poor reasoning give rotten results.” (Edmund C. Berkeley)

“Proof!” he cried. “Good God! The man is looking for proof! Why, of course, the chances are twenty to one that it has *nothing* to do with them. But what else can we do? Don’t you see we must either follow one wild possibility or else go home to bed.” (Gilbert Keith Chesterton)

### TREASURER’S REPORT

<b>BALANCE FORWARDED (6/1/05):</b>	<b>\$6,493.55</b>
<i>INCOME:</i>	
ASA Chapter Dues	
May, 05	\$218.00
June, 05	\$213.00
July, 05	\$162.00
<i>Subtotal</i>	\$593.00
Other Revenue Sources	
Summer Short Course	
Registration Fees	\$6,000.00
Spring 05 Newsletter Ads	\$100.00
<i>Subtotal</i>	\$6,100.00
<b>TOTAL INCOME:</b>	<b>\$6,693.00</b>
<i>EXPENSES:</i>	
Summer Short Course	
Facility, Meals	\$8,039.04
Speaker Expenses	\$549.41
Speaker Honorarium	\$600.00
Short Course Supplies	\$52.98
<i>Subtotal</i>	\$9,241.43
Other Expenses	
Returned Check Fee	\$8.00
Excessive Item Fee	\$1.80
<i>Subtotal:</i>	\$9.80
<b>TOTAL EXPENSES:</b>	<b>\$9,251.23</b>
<b>BALANCE FORWARDED (9/9/05):</b>	<b>\$3,935.32</b>

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

<p><b><u>President*:</u></b>          Lisa Hickey          Merck and Company, Inc.          10 Sentry Parkway BL3-2          Blue Bell, PA 19422          (484) 344-3672 <i>voice</i>          (484) 344-2931 <i>fax</i>  <a href="mailto:lisa_hickey@merck.com">lisa_hickey@merck.com</a></p>	<p><b><u>Vice President* / Newsletter Editor:</u></b>          Paul Mange Johansen          Tibotec, Inc.          1020 Stony Hill Road Suite 300          Yardley, PA 19067          (609) 730-7528 <i>voice</i>          (609) 730-7501 <i>fax</i>  <a href="mailto:pjohans1@tibus.jnj.com">pjohans1@tibus.jnj.com</a></p>
<p><b><u>Secretary*:</u></b>          Bob Gagnon          GlaxoSmithKline.          UP1455, P.O. Box 5089          Collegeville, PA 19426-0989          (610) 917-6208 x 6208 <i>voice</i>          (610) 917-7494 <i>fax</i>  <a href="mailto:robert.c.gagnon@gsk.com">robert.c.gagnon@gsk.com</a></p>	<p><b><u>Treasurer*:</u></b>          Paul Lupinacci          Department of Mathematical Statistics          Villanova University          800 Lancaster Ave.          Villanova, PA 19085          (610) 519-7435 <i>voice</i>          (610) 519-6928 <i>fax</i>  <a href="mailto:paul.lupinacci@villanova.edu">paul.lupinacci@villanova.edu</a></p>
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<p><b><u>Vice Chair, District 3, Council of Chapters:</u></b>          B. Christine Clark          ICON Clinical Research          212 Church Road          North Wales, PA 19454          (215) 616-3412 <i>voice</i>          (215) 616-3012 <i>fax</i>  <a href="mailto:clarkc@iconus.com">clarkc@iconus.com</a></p>	<p align="center"><b>*elected position as voted by chapter membership</b></p>