WSS NEWS

WASHINGTON STATISTICAL SOCIETY

June 2003

Richard D. Allen To Receive the Jeanne E. Griffith Mentoring Award

The Jeanne E. Griffith Mentoring Award Committee is pleased to announce that this year's award has been given to **Richard D. Allen**, Deputy Administrator for Program and Products for the National Agricultural Statistics Service.

To understand the impact of Rich's "gentle guidance" on the lives and careers of junior staff, you need only to read their words.

> "Rich Allen is truly one of the unsung heroes of our agency. Though he has met thousands of faces in hundreds of places, he always seems to know each one by first name and [remember] something important about them."

> "Rich Allen...has never shied away from the truth, has always shown complete respect for individuals, has helped new and not so new statisticians define their career objectives, has helped develop statistician's analytical processes during agricultural boards, and has communicated disappointing news in a compassionate and caring way."

> "In 1984, I received a letter from [Rich Allen stating]...'I have a personal policy of reflecting upon each Agency training school or meeting that I attend, identifying the two or three people who I feel made the most significant contributions, and contacting those individuals to pass on my feelings.' He continued to point out specific examples of my contributions at the workshop and ended with 'Keep up the good work'. That letter meant as much to me as any award that I have received."

The award ceremony honoring Rich Allen will take place on June 18, 2003 at 4:00 in the Conference Center at the Bureau of Labor Statistics(BLS). Refreshments will be served. If you are planning to attend, kindly contact Ed Spar at **copafs@aol.com** so that your name can be added to the security list. BLS is located just across the street from Union Station in the Postal Square Building.

WSS and Other Seminars (All events are open to any interested persons)		
June 5	Thur.	**Using Administrative Records and Follow-Up Interviews to Verify Household Survey Responses**
9	Mon.	**The Second Seminar on the Funding Opportunity In Survey Research**
17	Tues.	**Statistical and Operational Issues in Sampling Race and Ethnic Groups for an RDD Survey**
18	Wed.	**Nonparametric Multi-step Ahead Prediction in Time Series Analysis**
25	Wed.	**Washington Statistical Society President's Invited Address** **Small Domain Estimates: Challenges and Solutions**
July 1	Tues.	**Parental Reports of Children's Race and Ethnicity in a National Longitudinal Cohort Study**

Also available on the World Wide Wed at the following URL: http://www.science.gmu.edu/~wss

Announcements

WSS Board Open Meeting

The open meeting of the WSS Board of Directors will be held on Tuesday, June 24, 2002; 12:30 pm, in the BLS Conference Center (Downstairs), Postal Square Building, 2 Massachusetts Avenue.

In order to attend the meeting, you will need to contact Tom Mule by email (vincent.t.mule.jr@census.gov) or by phone (301 763 8322) before June 17th so your name can be added to the BLS visitor list.

You will need to check in at the guard's desk. The building is across First Street from the Union Station metro stop.

2003 Annual Dinner

The WSS Annual Dinner will be held Tuesday, June 10, at Bertucci's Brick Oven Pizzeria Restaurant in Clarendon, VA. Visit http://www.science.gmu.edu/~wss/wssdin03.pdf for details and a reservation form .   This is a great opportunity to join with friends, meet colleagues, and make new acquaintances! All are invited. We look forward to seeing you there!

Notice about Seminars at the Bureau of Labor Statistics

A new list of attendees of WSS seminars at the Bureau of Labor Statistics begins July 1, 2003 (the previous list will be discarded). If you plan to attend a seminar at BLS after this date, you will need to do one of the following at least by noon 2 days ahead: (1) (preferred method) e-mail name, affiliation, and name of seminar to wss_seminar@bls.gov (underscore after 'wss') or (2) call 202-691-7524 and leave a message with this information. Finally, bring a photo ID. If you have a problem, e-mail John Dixon at dixon_j@bls.gov or phone him at 202-691-7516. NOTE: Once on the list, you need not contact BLS for subsequent seminars through September 26, 2003.

MSMESB MEETING

MSMESB (Making Statistics More Effective in Schools and Business) is holding a conference on Saturday, November 22, 2003 at the McDonough School of Business, Georgetown University, Washington, DC. The theme of the conference is "New Approaches to the First Business Statistics Course" and its purpose designed to bring together statisticians in business, government and academia to explore ways to improve the teaching and learning of statistics and statistical thinking. For more

information, please visit our website: www.msmesb.org.

Graduate Certificate in Biostatistics at George Mason University

George Mason University announces a new Graduate Certificate in Biostatistics, commencing in August, 2003. The 18 credit hour certificate is jointly taught by the Department of Applied & Engineering Statistics and the College of Nursing & Health Science. The Certificate prepares participants to apply statistical methods to quantitative analysis of health care issues. It is aimed at health scientists and professionals in government agencies such as the National Institute of Health, as well as in pharmaceutical companies, research hospitals, public health agencies and other medical research organizations with the need to design medical experiments and to analyze and interpret increasingly complex health-care data. The program will also help prepare students to begin careers in such organizations. For information on application procedures, admission and graduation requirements, visit the website http://cnhs.gmu.edu/graduate/gradcbio.html

Graduate Courses in Statistics at George Mason University in 2003-04.

Fall 2003

STAT 501: SAS Language & Basic Proc
STAT 502: Intro to SAS/GRAPH
STAT 503: SAS Macro Language
STAT 530: Math. Methods for Statistics
STAT 535: Analysis Experimental Data
STAT 544: Applied Probability
STAT 554: Applied Statistics
STAT 574: Survey Sampling I
STAT 656: Regression Analysis
STAT 663: Stat. Graphics/Data Explor
IT 877: Geometric Methods in Statistics
IT 972: Mathematical Statistics I

Spring 2004

STAT 510: Statistics forTech. Decisions
STAT 544: Applied Probability
STAT 554: Applied Statistics
STAT 652: Statistical Inference
STAT 655: Analysis of Variance
STAT 674: Survey Sampling II
STAT 753: Computer Intrusion Detection
IT 871: Statistical Data Mining
IT 875: Scientific/Statistical Visualization
IT 973: Mathematical Statistics II

Program Abstract

Title: **Using Administrative Records and Follow-Up Interviews to Verify Household Survey Responses**

Speakers: Jerry West, National Center for Education Statistics

Organizer: Jonaki Bose, Bureau of Transportation Statistics

Date/Time: Thursday, June 5, 2003, 12:30 - 2 p.m.

Location: Bureau of Labor Statistics, conference room 7. To be placed on the seminar list attendance list at the Bureau of Labor Statistics you need to e-mail your name, affiliation, and seminar name to wss_seminar@bls.gov (underscore after 'wss') by noon at least 2 days in advance of the seminar or call 202-691-7524 and leave a message. Bring a photo ID to the seminar. A new list begins on April 1, 2003 and expires June 27, 2003. BLS is located at 2 Massachusetts Avenue, NE. Use the Red Line to Union Station.

Sponsor: Data Collection Methods Section, WSS

Abstract: Household survey data are often used to estimate the participation of different population groups (e.g., preschool and school-age children, adults) in a wide range of programs and activities. Yet, quite often, the validity of the survey data has not been directly assessed because of the cost of conducting studies to verify survey responses and the difficulties of implementing such studies. This paper examines two approaches for evaluating the quality of household survey data. Both approaches use a follow up survey with the individual or organization identified by the household respondent as providing a program or service. One approach uses a follow up survey in combination with an on-line directory of service providers built from administrative records data.

The two approaches were implemented by the U.S. Department of Education, National Center for Education Statistics in its newest longitudinal study of young children – the Early Childhood Longitudinal Study. The paper will use the findings from these approaches 1) to assess the quality of the data provided by household respondents and 2) to evaluate the promising features and shortcomings of each approach for verifying household survey responses. The implications of these findings for other surveys will be discussed.

Program Abstract

Topic: **The Second Seminar on the Funding Opportunity In Survey Research**

Organizer: Research Subcommittee of the Federal Committee On Statistical Methodology
(Robert Fay; robert.e.fay.iii@census.gov ; Monroe Sirken; mgs2@CDC.gov)

Sponsors: Washington Statistical Society and Washington DC / Baltimore Chapter of AAPOR

Date/Time: Monday, June 9, 2003, 9:00 a.m. - 4:00 p.m.   (NOTE SPECIAL TIME)

Location: Bureau of Labor Statistics, Conference and Training Center, Rooms 1, 2, and 3, Postal Square Building (PSB), 2 Massachusetts Avenue, NE, Washington, DC. Please use First St., NE entrance (across from Union Station).

Abstract: In 1998, a consortium of 12 Federal statistical agencies in collaboration with the Methodology, Measurement and Statistics Program, National Science Foundation, and with the support of the Federal Committee on Statistical Methodology initiated a grants program to fund basic survey and statistical research oriented to the needs of Federal agencies. Reports of the principal investigators of the 4 research projects funded during cycle 1 of the Program in 1999 were featured at a first Funding Opportunity Seminar held in Washington during June 2001. The Second Funding Opportunity Seminar will feature the reports of principal investigators of the 4 projects that were funded in 2001, cycle 2 of the program:

1. "Bayesian Methodology for Disclosure Limitation and Statistical Analysis of Large Government Surveys" by Rod Little and Trivellore Raghunathan;

2. "Visual and Interactive Issues in the Design of Web Surveys" by Roger Tourangeau, Mick Cooper, Reginald Baker, and Fred Conrad;

3. "Robust Small Area Estimation Based on a Survey Weighted MCMC Solution for the Generalized Linear Mixed Model" by Ralph Folsom and Avinash Singh; and

4. "Small Area and Longitudinal Estimation Using Information from Multiple Surveys" by Sharon Lohr.

Federal agency statisticians and survey methodologists will be discussants at each session.

The Seminar agenda is on the following page.

If planning to attend, contact Pat Drummond by May 15,2003:<Pdrummond@CDC.gov> or 301-458-4193. Also, by noon June 8 either e-mail wss_seminar@bls.gov or call 202-691-7524 and give your name, affiliation, and name of seminar attending. Finally, bring a photo ID.

Program Schedule

Program on the Funding Opportunity in Survey and Statistical Research Seminar
Bureau of Labor Statistics, 2 Massachusetts Avenue, NE,Washington, DC 20212
June 9, 2003

8:30 a.m.- Continental Breakfast

9:00 a.m. - Welcoming Remarks
Nancy Kirkendall, Energy Information Administration, DOE

9:05 a.m. - Session 1. Origins of the Funding Opportunity in Survey Research
Monroe Sirken, National Center for Health Statistics

9:30 a.m. - Session 2. Bayesian Methodology for Disclosure Limitation and Statistical Analysis of
Large Government Surveys
    Investigators: Roderick J. Little and Trivellore Raghunathan, University of Michigan
    Discussants: Ramesh Dandekar, Energy Information Administration, DOE;
     William Winkler, U.S. Census Bureau

10:30 a.m.- Break

10:45 a.m.- Session 3. Visual and Interactive Issues in the Design of Web Surveys
    Investigators: Roger Tourangeau, Mick P. Couper, Reginald P. Baker, and
     Frederick Conrad, University of Michigan
    Discussants: John Bosley, Bureau of Labor Statistics
     Cleo Redline, National Science Foundation

11:45 a.m. Lunch on your own

1:00 p.m - Session 4. Robust Small Area Estimation Based on a Survey Weighted MCMC
Solution for the General Linear Mixed Model
    Investigators: Ralph E. Folsom and Avinash Singh, Research Triangle Institute
    Discussants: William Davis, National Cancer Institute
     Phil Kott, National Agricultural Statistical Service

2:00 p.m. - Session 5. Small Area and Longitudinal Estimation Using Information from Multiple Surveys
    Investigator: Sharon Lohr, Arizona State University
    Discussants: Charles Perry, National Agricultural Statistical Service
     John Eltinge, Bureau of Labor Statistics
3:00 p.m. - Break

3: 15 p.m. - Session 6. Benefits and Challenges of the Funding Opportunity
    Discussants: Fritz Scheuren, National Opinion Research Center
     Brian Harris-Kojetin, Office of Management and Budget

Program Abstract

Title: **Statistical and Operational Issues in Sampling Race and Ethnic Groups for an RDD Survey**

Speakers: Sherman Edwards and Ismael Flores-Cervantes, Westat

Date/Time: Tuesday, June 17, 2003, 12:30 - 2:00 p.m.

Location: Bureau of Labor Statistics, Postal Square Building (PSB), Conference Center, Conference Room 6**, 2 Massachusetts Ave., N.W., Washington, D.C. Please use the First Street entrance to the PSB. To gain entrance to BLS, please see notice at the end of this announcement.

Sponsor: WSS Methodology Section

Abstract: A number of different methods for sampling rare populations have been considered, but in random digit dial (RDD) telephone surveys these methods usually are costly or have serious statistical problems. In the 2001California Health Interview Survey (CHIS), separate estimates were desired for the following rare populations: five Asian subgroups (Asian Indian, Cambodian, Japanese, Korean, and Vietnamese), American Indian and Alaska Natives, and Latinos in a particular county. Each of the subgroups posed operational obstacles, including interviewing language and culturally appropriate interviewing techniques. This paper describes the methods used to oversample these groups, the operational procedures used to deal with interviewing members of these groups, and the statistical estimation schemes that were used to provide estimates for each group. The key idea is to supplement the RDD sample with samples drawn from special lists. We evaluate the efficiency of the method and related procedures and provide some general suggestions for oversampling rare groups in RDD surveys.

Note: This is the first in a series of several seminars on race and ethnicity issues in surveys and censuses. Jonaki Bose, Bureau of Transportation Statistics, will speak on July 1 on multi-race reporting for children. More information is available elsewhere in this issue.

**To attend seminars at BLS, you need to email your name, affiliation, and seminar names to wss_seminar@bls.gov (Underline between "wss" and "seminar") by noon at least two days in advance or call 202-691-7524 and leave a message. Bring a photo id to the seminar. A new list begins April 1. Once you are on the list you need not contact BLS for seminars through June 30, 2003. BLS is located at 2 Massachusetts Ave NE. Use Red Line to Union Station.

Program Abstract

Title: **Nonparametric Multi-step Ahead Prediction in Time Series Analysis**

Speaker: Lijian Yang, Michigan State University

Authors: Rong Chen, Lijian Yang, and Christian Hafner

Chair: Stuart Scott, Bureau of Labor Statistics

Date/Time: Wednesday, June 18, 2003, 12:30 to 2:00 p.m.

Location: Bureau of Labor Statistics, Postal Square Building (PSB), Conference Center, Conference Room 3, 2 Massachusetts Ave., NE, Washington, DC. Please use the First Street entrance to the PSB. To gain entrance to BLS, please see Notice at the end of this announcement.

Sponsor: WSS Methodology Section

Abstract: We consider the problem of multi-step ahead prediction in time series analysis using nonparametric smoothing techniques. Forecasting is always one of the main objectives in time series analysis. Research has shown that nonlinear time series models have certain advantages in multi-step ahead forecasting. Traditionally, nonparametric k-step ahead least squares prediction for nonlinear AR(d) models is done by forecasting X_{t+k} via nonparametric smoothing of X_{t+k} on the variables $(X_{t},...,X_{t-d+1})$ directly. In this paper we propose a multi-stage nonparametric predictor. We show that the new predictor has smaller asymptotic mean squared error than the direct smoother, though the convergence rate is the same. Hence, the proposed predictor is more efficient. Some simulation results, advice for practical bandwidth selection and a real data example are provided.

NOTICE

To attend this seminar, you will need to do one of the following:

1. email name, affiliation, and name of seminar to <u>wss_seminar@bls.gov</u> (underscore after 'wss') by noon 1 day ahead or
2. call 202-691-7524 at least 2 days ahead and leave a message. Finally, bring a photo ID.

Program Abstract

Washington Statistical Society President's Invited Address

This year's Washington Statistical Society President's Invited Address is in memory of Charles (Chip) Alexander Jr. It will be held start at 3:00 p.m. and end at 4:30 p.m. on Wednesday, June 25, 2003. The venue is the Bureau of Labor Statistics Conference Center Rooms 1 and 2. A reception will follow.

The speakers are Graham Kalton of Westat and Cynthia Z.F. Clark of the U.S. Census Bureau. The title of Dr. Kalton's presentation is "Small Domain Estimates: Challenges and Solutions" and the title of Cynthia Z.F. Clark's presentation is "Tribute to Charles (Chip) Alexander Jr.: Chip's Contributions to the Federal Statistical System and Sample Survey Methods." The chair is Nancy M. Gordon of the U.S. Census Bureau and the organizer is Alan R. Tupek of the U.S. Census Bureau.

The abstract for the presentation on small domain estimates is as follows:

The continually increasing demand for timely estimates for small geographic and other domains presents survey statisticians with significant challenges. This talk will review possible solutions, including censuses and large-scale surveys, rolling samples, combining data across time and across surveys, methods for oversampling small domains, and statistical modeling methods.

Program Abstract

Title: **Parental Reports of Children's Race and Ethnicity in a National Longitudinal Cohort Study**

Speaker: Jonaki Bose, Bureau of Transportation Statistics

Date/Time: Tuesday, July 1, 2003, 12:30 - 2:00 p.m.

Location: Bureau of Labor Statistics, Postal Square Building (PSB), Conference Center, Conference Room 10*, 2 Massachusetts Ave., N.W., Washington, D.C. Please use the First Street entrance to the PSB. To gain entrance to BLS, please see notice at the end of this announcement.

Sponsor: WSS Methodology Section

Abstract: A number of federal agencies have changed the way they ask about race and ethnicity in ongoing and new surveys of children and families. These changes are in response to new standards issued by OMB's Office of Information and Regulatory Affairs. The Early Childhood Longitudinal Study, Kindergarten Class of 1998-99, which began tracing the educational experiences and outcomes of a national sample of kindergartners in the fall 1998, asks parents to report separately about their own race and ethnicity, as well as their children's race and ethnicity using one or more racial designations. This paper examines some of the following topics:

- What is the racial and ethnic distribution of the children in the ECLS-K and of kindergarten children in the U.S.?
- How many children are identified as multiracial by their parents and what is the racial breakdown of these children?
- What is the relationship between parental race and children's race?
- How do children identified as multiracial by their parents compare to other children who have a single race? Are there any differences in the sociodemographic characteristics of these children or in their beginning school skills?
- Do parents consistently report their child's race(s) over multiple rounds of data collection?
- Are there particular operational issues or difficulties associated with collecting and processing data on race and ethnicity when respondents are given the opportunity to identify more than one race for themselves and their children?

*To attend seminars at BLS, you need to email your name, affiliation, and seminar names to wss_seminar@bls.gov (Underline between "wss" and "seminar") by noon at least two days in advance or call 202-691-7524 and leave a message. Bring a photo id to the seminar. A new list begins June 28, 2003. Once you are on the list you need not contact BLS for seminars through September 30, 2003. BLS is located at 2 Massachusetts Ave NE. Use Red Line to Union Station.

Note from the WSS NEWS Editor

Items for publication in the September 2003 WSS NEWS should be submitted no later than July 29, 2003. E-mail items to Michael Feil at michael.feil@usda.gov.

Bureau of Transportation Statistics' (BTS) Confidentiality Seminar Series

Bureau of Transportation Statistics' (BTS) Confidentiality Seminar Series

The June and July seminars in the BTS series on confidentiality are listed below. The seminars in this series are open to all. The complete list of seminars and slides from earlier presentations are posted at http://www.bts.gov/confidentiality_seminar_series; please direct questions about the series to either Neil Russell (neil.russell@bts.gov) or Virginia de Wolf (virginia.dewolf@bts.gov).

June Seminar

Title: The OMB's Interagency Confidentiality and Data Access Committee (CDAC)

Presenters: Jacob Bournazian, Chair of CDAC (2002-2003), Energy Information Administration, US Department of Energy, and Mark Schipper, CDAC Member, Energy Information Administration, US Department of Energy

Date/Time: Wednesday, June 11, 2003, 12:00-1 pm

Location: US Department of Transportation, Nassif Building, 400-7th St., SW, Room 6244 (See Notice at the end of this announcement.)

Abstract: The activities of CDAC will be described. The presentation will highlight products created by CDAC members, including its "Checklist on the Disclosure Potential of Proposed Data Releases" and the auditing software for tabular products.

July Seminar

Title: Restricted Data Access: The Role of Research Data Centers (RDCs)

Presenters: Arnold Reznek, RDC Director, US Census Bureau, Wilbur Hadden, National Center for Health Statistics (NCHS), and Vijay Gambhir, RDC, NCHS

Date/Time: Wednesday, July 23, 2003, 1:30-2:30 pm

Location: US Department of Transportation, Nassif Building, 400-7th St., SW, Room 6200 (See Notice at the end of this announcement.)

Abstract: The role that RDCs play in gaining access to confidential data at Federal statistic agencies is discussed. This seminar will review the practices of two agencies that have RDCs. The first speaker will describe the development of the RDCs at the Census Bureau. Then the RDC at NCHS will be described and the agency's remote access procedures for gaining access to confidential data will be highlighted.

Bureau of Transportation Statistics' (BTS) Confidentiality Seminar Series

Notice about BTS Confidentiality Series Seminars

The Department of Transportation's Nassif Building, 400-7th St., SW, Washington, DC, is located at the L'Enfant Plaza Metro Stop (follow signs to the Department of Transportation exit at 7th and D Streets, SW). All visitors should enter at the Southwest entrance. Please bring a photo ID (federal employees must have federal ID). Procedures differ depending on the employer:

1. For federal employees: Please show your federal ID to the guard at the Southwest entrance, go through security, and then proceed to the seminar room (the first number indicates the floor on which the conference room is located).

2. For non-federal employees: DOT security procedures require BTS to provide a list of attendees who are not federal employees prior to the seminar. Therefore, if you plan to attend the seminar and are not employed by the federal government, please provide your name, name of employer, and phone number to either Neil Russell (neil.russell@bts.gov) or Virginia de Wolf (virginia.dewolf@bts.gov) by COB of the week before the seminar, i.e.,
   - Wednesday, June 4th for the June 11th seminar; and
   - Wednesday, July 16th for the July 23rd seminar.

On the day of the seminar, please report to the Southwest entrance of the Nassif Building 15 minutes before the start of the seminar so that you can be escorted to the seminar room. That is, be in the lobby of the Southwest entrance at 11:45 am for the June 11th seminar and at 1:15 pm for the July 23rd seminar.

Announcements

Washington Statistical Society Poster Competition 2003

On Saturday April 26, the Washington Statistical Society held the judging of its annual Statistical Poster Competition for all local and regional participants in grades K thru 12. There were a total of 204 regional entries including 48 from local middle and high schools. Top local prizes included a $100 savings bond for first place and a $50 savings bond for second and third place finishes.

The top local prizewinners are:

For Grades 10-12:

First Place:
Title: "Do Women Smoke More Than Men?"
By: Allison Kendrick, Katie Riley, Matt Hulse, and Mike Cordingley
School: Oakton High School
City, State: Vienna, VA

Second Place:
Title: "Is the Presidential Election More Attractive than the Mid-term Election?"
By: Jiahui Li
School: Oakton High School
City, State: Vienna, VA

Third Place:
Title: "Is there a Relationship Between Energy Orientation and House Pet Preference Among High School Seniors"
By: Lien Kratzke
School: Oakton High School
City, State: Vienna, VA

For Grades 4-6:

First Place:
Title: "Has the Bluebird Population at Bear Branch Nature Center Increased?"
By: Nick Bitzel, Alex Bitzel, and George Robertson
School: E.O.O. Homeschool Group
City, State: Hampstead, MD

My co-chair and I would like to thank the following people who volunteered to judge both the local and regional entries. Your help is greatly appreciated! They are: Eugene M. Burns -- Office of Statistical Quality, Bureau of Transportation Statistics; Jurate Maciunas Landwehr -- U.S. Geological Survey;Bruce Murrie -- Department of Education; John Schollenberger -- Biostatistics, Otsuka Maryland Research Institute; Wendy Rotz -- QUEST, Ernst & Young LLP ;Steve Miller -- QUEST, Ernst & Young LLP. Chair: Archana Joshee -- QUEST, Ernst & Young LLP Co-Chair: Ryan Petska -- QUEST, Ernst & Young LLP

Employment

As a service to local statisticians, *WSS News* provides notification of employment opportunities and description of those seeking employment here in the Washington, DC, area. Readers are encouraged to take advantage of this feature of the newsletter. The deadline for inserting notices is five (5) weeks before the publication date. Those interested should email or call Anne Peterson, at apeterson.ipr@verizon.net or (703) 979-1191.

National Center for Health Statistics is Seeking Exceptional Candidates for the Position of Director, Division of Health Care Statistics

The National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC), Department of Health and Human Services, is the Nation's principal health statistics agency. Information is at the core of our mission. At NCHS we collect, analyze, and disseminate information on the health of the American people and on the health care system. The information we develop is vital to both the public and private sectors and for setting health policy.

NCHS is seeking exceptional candidates for the position of Director, Division of Health Care Statistics. The Division is at the forefront of monitoring the rapid changes in the health care system, providing critical information on the delivery system, the nature of patient encounters and treatment, and the quality of care. The Division directs a program of surveys of health care utilization, including hospital inpatient, emergency and outpatient department visits, care in the doctor's office, home and hospice services, and ambulatory surgery. This comprehensive approach enables the survey to monitor the impact of technology, medical advances, and health policy on health care in America.

Potential candidates should have a substantial record of accomplishments in health statistics, health care, sociology, demography, economics, survey research, information technology, health services research, epidemiology or a related discipline and the ability to manage professional and support staff. The Director position may be filled through several mechanisms, such as, (1) the Senior Biomedical Research Service Program or Title 42 Distinguished Consultant, announcement number AD10-03-011 (Executive level compensation package is commensurate with qualifications and experience), and (2) a GS-15, announcement number 3-03-032, with a salary range from $95,986 to $124,782. NCHS is conveniently located in Hyattsville, MD, in the Washington, DC, metro area.

To apply under the Senior Biomedical Research Service Program/Title 42 Distinguished Consultant, applicants must possess an M.D., Ph.D., or other earned doctorate in statistics, survey research, sociology, demography, economics, health services research, epidemiology, or a related discipline.

For further information contact the NCHS/Human Resources Management Office at (301) 458-4766. The vacancy announcement is posted on the NCHS website http://www.cdc.gov/nchs/employ/employ.htm. Announcement closes on 7/22/03.

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We've experienced DOUBLE DIGIT growth over the past year!

'Navigant Consulting enters the second quarter of 2003 with solid momentum. Relative to our full-year guidance, we would expect net income to be at the upper end of the previously announced 25 to 50 percent growth range.' -William Goodyear, Chairman & CEO

Our Analytical Services Group, specializes in solving complex problems by combining in-depth policy analysis with strategic planning. Located in Washington, D.C., our practice deals in two lines of business, Government Affairs Services and Analytical Services. Currently, we have an immediate opening in our Analytical Services group for a Senior Managing Consultant.

The Analytical Services practice conducts analysis to shape public policy, provide due diligence on investment decisions, and provide expert opinion and testimony related to product liability and other civil litigation.

Essential Duties and Responsibilities:

-The focus of this position Analysis vs. Programming.
-Conduct data analyses
-Receive, load and review client data
-Identify and resolve data problems
-Conduct ad hoc research in government and legal databases
-Client interaction and project mgmt responsibilities
-Draft reports and memos
-Maintain project documentation

Experience: We are looking for an energetic self-starter who has a Masters degree, PhD preferred and 2+ years of work experience in a quantitative, analytical field. Background in Economics helpful. Must provide evidence that s/he has successfully completed projects involving the analysis of third party data from start to finish. Experience with SAS (Statistical Analysis System), SQL, Access and/or Excel is required. Lexis-Nexis experience is a plus.

A successful candidate will be able to meet time sensitive deadlines, while working independently. Excellent interpersonal and organizational skills are essential. Clear writing style and ability to articulate are also required.

The company offers competitive compensation packages including an incentive compensation plan, comprehensive medical/dental/life insurance, 401(k) and employee stock purchase plan. For consideration, please apply on-line or visit our web-site at www.NavigantConsulting.com and reference nci-00000188. M/F/D/V EOE

Statistician - Req # 7190

Are you seeking an employer with competitive salaries and excellent benefits that include at least 20 days of paid leave, 403(b), tuition reimbursement/paid training, and much more? Well, look no further, you can be part of the research organization that sets the standard for excellence.

MedStar Research Institute (MRI), the research arm of the not-for-profit MedStar Health System, is actively seeking highly motivated and qualified individuals to staff the National Institute on Aging (NIA) ASTRA's state-of-the-art clinical research unit, which is located at Harbor Hospital, in Baltimore, MD. The MRI is contracting with the NIA ASTRA to provide it with clinical research support services in support of studies involving aging and age-associated diseases

We are currently seeking a highly motivated and qualified Statistician.

Nature and Scope of Position:

The mission of the NIA is to conduct and support biomedical, social and behavioral research and training related to the aging process and the diseases and other special problems or needs of the aged. The primary mission of the Health Diversities Section is to perform the Healthy Aging in Neighborhoods of Diversity across the Lifespan (HANDLS) study. HANDLS examines whether health disparities among minority and lower socioeconomic status subgroups are due to differences insocioeconomic status, differences in race, or their interaction. HANDLS is a longitudinal study that examines differences inrates and risks for age-associated pathological conditions.

Principal Duties and Responsibilities:
1. Incumbent serves as a bioinformatics specialist and biostatistician responsible for managing and documenting data collected by the HANDLS study.
2. Incumbent provides computational assistance and consultation to HANDLS investigators designing specific analyses, sub-studies, or working with data files relevant to aging research.
3. Incumbent assists with the development of research protocols; creates and tests questionnaires and other data collectioninstruments; identifies appropriate sampling protocols, sizes and frames; and measures risk factors and their determinants; and designs and supervises the statistical components of research studies.
4. Incumbent designs and uses relational databases, provides assistance with statistical software packages used by biomedical and behavioral scientists such as SAS and S-plus, and has in-depth knowledge of a diverse array of analytic techniques routinely used in the health, biomedical, and social sciences including logistic regression, survival analysis, general linear model and mixed-model regression, data visualization, power analyses, and other parametric multivariate techniques such as factor analysis, discriminant analysis, and multivariate analyses of variance.
5. Incumbent designs or applies standard and customized computer techniques to data analysis.
6. Incumbent keeps abreast of the latest statistical techniques and software for biomedical and behavioral analyses. Incumbent may assist in writing scientific reports, papers, and presentations for publication in peer-reviewed journals and presentation at national and international conferences.

Minimum Qualifications: Education: Must have Knowledge of at least one computer programming language useful for data manipulation (e.g., Perl, Fortran, C, SQL) and knowledge of at least one program used for statistical analysis (e.g., SAS, S-plus). Knowledge of statistical theory and methods applicable to the planning, design, analyses and assessment of cross-sectional, longitudinal, and epidemiological follow-up studies, particularly as applied to biomedical and behavioral research; and the ability to select and apply appropriate data manipulations and statistical and data analysis techniques. Ability to summarize scientific research involving statistical analyses in verbal and written presentations, and knowledge of how to design, implement, and conduct community-based epidemiological, longitudinal, or intervention studies.

For consideration, please forward your resume, including requisition #7140 via email to: humanresources@medstarresearch.org or via fax to (301) 560-7373. www.medstarresearch.org EOE

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Please deliver by June 1, 2003

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Mel Kollaner	202-537-6700				

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Short Courses		**Social and Demographic Statistics**		**Statistical Computing**	
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		Judy Droitcour	202-512-9145	Charlie Hallahan	202-694-5051
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Video Librarian		**Quantitative Literacy Poster Competition**		**Social Arrangements**	
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