

## About NCHS

...improve  
the health  
of the  
American  
people

The National Center for Health Statistics provides statistical information that will guide actions and policies to improve the health of the American people. As the Nation's principal health statistics agency, NCHS designs, develops, and maintains more than a dozen data systems that cover the full spectrum of health concerns. These data systems provide essential information to policymakers, to medical researchers, and to others in the health community.



NCHS data systems can be used to profile the health of Americans, to track demographic shifts and trends, to monitor change in health and health care, to show relationships between risk factors and health outcomes, and to provide information for prevention, evaluation, research, planning and policy. They respond to changes in health care and in social and economic policies that impact health and health care. Most recently, emerging diseases, changes in health care delivery, and new directions in health policy have meant new data systems, new topics, and new methods of collecting and disseminating data.

To fulfill its mission, NCHS works closely with other researchers, Federal and State agencies, and academic institutions to determine and prioritize data needs for public health and to improve statistical methodology, establish statistical policy, coordinate statistical systems, and advance health statistics through research. Throughout these activities, NCHS continues to lead the way in providing accurate, relevant, and timely data.

## NCHS Statistical Activities

The center  
has two  
major types  
of data  
systems

Some of the NCHS data systems and surveys are ongoing annual systems, while others are conducted periodically at intervals. The center has two major types of data systems: systems based on populations, containing data collected through personal interviews or examinations, and systems based on records, containing data collected from vital and medical records.

### Population-Based Surveys

National Health Interview Survey  
National Health and Nutrition Examination Survey  
National Survey of Family Growth  
Longitudinal Study on Aging

### Records Based Surveys

National Health Care Survey (NHCS), consists of a family of the following seven surveys:

National Hospital Discharge Survey  
National Ambulatory Medical Care Survey  
National Nursing Home Survey  
National Hospital Ambulatory Medical Care Survey  
National Survey of Ambulatory Surgery  
National Home and Hospice Care Survey  
and the National Health Provider Inventory

National Vital Statistics System  
Linked Files of Live Birth and Infant Death Records  
National Maternal and Infant Health Survey  
National Mortality Followback Survey  
National Death Index

# ASA NCHS

## Research Fellowship Program



**ASA  NCHS**  
Research Fellowship Program

American Statistical Association  
732 North Washington Street  
Alexandria, VA 22314 1943  
Telephone: (703) 684 1221





The American Statistical Association (ASA) in cooperation with the National Center for Health Statistics (NCHS), created the ASA/NCHS Research Fellowship Program to bridge the gap between academic scholars and government health research programs. Fellows work to solve methodological problems and study analytic issues relevant to NCHS programs, data, and facilities.

## Eligibility

Applicants should have a recognized research record and considerable expertise in their area of proposed research.

## Suggested Research Projects

- Confidentiality protection and related topics
- Data linkage
- Quality control, quality improvement and its measurement
- Adjustment for nonresponse in sample surveys
- Telephone or internet survey methods
- Data collection in a changing health care system
- Small-area estimation
- Cognitive processes and question response
- Data editing and imputation
- Statistical computing
- Sampling and estimation
- Questionnaire design and measurement research
- Human factors and usability research
- Data mining

## Application Process

Applicants must submit a detailed research proposal for competitive evaluation, including:

- Curriculum vita
- Names and addresses of three references
  - Two copies of a detailed research proposal, including:
    - Short, descriptive project title
    - Abstract summarizing the project (one half page or less)
    - Proposed project term (approximate dates)
    - Background information
    - Statement of relevant work accomplished by the applicant
    - Proposed research plan with evaluation of expected results
    - Statement citing the significance of the expected results to NCHS programs
    - Resource requirements (including salary, estimated relocation and travel expenses, and research support)

## Mailing Address for Application Materials

The Program Review Board will review the applications and choose the Fellows for the program. (The Program Review Board consists of representatives of ASA, NCHS, and academia.) Applicants should electronically forward their proposal in one PDF file to [carolyn@amstat.org](mailto:carolyn@amstat.org).

One hard copy should be mailed to:  
 Carolyn Kesner  
 ASA/NCHS Fellowship Program  
 American Statistical Association  
 732 North Washington Street  
 Alexandria, VA 22314-1943  
 Telephone: (703) 684-1221

## Important Dates

The deadline is May 15, and the applicants will be notified by August 1.



## Conditions of Appointment and Benefits

All participants are reimbursed by NCHS through an Intergovernmental Personnel Agreement with their academic institutions.

The stipend for the Fellow will be commensurate with current faculty salary, plus moving expenses and travel allowance for the period of the fellowship.

Fellows will conduct their research at NCHS, in Hyattsville, Maryland. Free parking is available on-site, and a metro subway station is nearby.

