



# National Internship Program

**Desired Majors: Anthropology, Economics, Political Science and Government, Sociology, Statistics**

*Posted by: US Census Bureau:* Description: Unique opportunity to work with senior level managers in Population Division. The selected intern will help coordinate stakeholder & outreach meetings; produce briefing slides; and analyze data on Race and Ethnicity for the 2020 Census. In addition, the intern will have an opportunity to help review and translate Spanish questionnaires and electronic instruments for up-coming Census tests. Desired Skills: Proficient in Microsoft applications. Experience with SPSS or SAS is a major plus. Strong Spanish language skills is a must. Experience with Census data is highly desired.

**Desired Majors: Epidemiology, Industrial and Organizational Psychology, Public Administration, Sociology, Statistics**

*Posted by: U.S. Department of Health & Human Services – Substance Abuse and Mental Health Services Administration:* The intern will focus on the area of substance use and/or mental health in vulnerable populations, particularly youth and older people. Tasks: prepare a critical literature review on the relationship of age of first use and proportion of users who subsequently develop dependence symptoms; conduct literature reviews, populate tables, and interpret data on use of substances by the older population with respect to both illicit drugs and misuse of prescription drugs such as pain relievers. Deliverables: bibliographies in end-note format for both tasks; critical summaries of specified topics; data tables

## Sample Federal Internships in Mathematics & Statistics

\*Not a complete list of internship opportunities available

suitable for inclusion in peer reviewed publications; drafts of manuscripts.

**Desired Majors: Computer Programming, Computer Science, Statistics, Information Technology, Mathematics**

*Posted by: US Census Bureau:* Description: This position will assist with the development of the process of the division's data processing and coordination management. Desired Skills: MS Office applications, Understanding of Project Management techniques and a general understanding of surveys and/or data collection and processing.

**Desired Majors: Accounting, Finance, Mathematics, Economics**

*Posted by: U.S. Department of Agriculture-Agricultural Research Service:* The intern will receive and review obligating documents such as purchase orders, travel vouchers, requisitions, and contract documents. Review expenditure information for reimbursable agreements and ensure billings and collections are realized. Monitor, review, and verify salary related data and information Conduct and verify monthly reconciliations of current and prior years "pending" documents (and entries). Prepare detailed monthly financial status reports, by major object class code, for each management unit account serviced for current and prior years

## Sample Federal Internships, Continued

**Desired Majors: Computer Science, Information Science, Mathematics, Statistics**

*Posted by: U.S. Department of Veterans Affairs:* Evaluate the Caregiver Programs application tracker system to determine the extent of which data analytics may provide a viable solution to accurate tracking and translate into a data analytic project. Manage data analytics projects to ensure delivery of a successful data analytics initiative throughout the internship. Create a data mining application specific to the statistics of our Caregiver Program. Possible items to include are number of approved caregivers – retention rates, recruitment rates, etc., Caregiver to Caregiver Support Coordinator ratios, and budgetary related data. Apply statistical and machine learning techniques for data analysis and interpret and communicate the results.

**Desired Majors: Advertising, Finance, Economics, International Economics, Statistics**

*Posted by: U.S. Department of Treasury:* The interns will serve as a research assistant in the Credit Risk Analysis Division (RAD) within the Economics department. The interns are expected to analyze data, survey literature, and summarize basic findings. They will be involved in the projects related to the liquidity and duration mismatch problems and their implications to the financial market. Starting date for this position is flexible. Candidates should have experience with either SAS, Matlab, STATA, R, Eviews or any other statistical software. Ideal candidates should have some basic research skills that can be demonstrated through school term papers, individual and/or group projects. Selected interns should be willing to assist other economists within the Credit RAD upon request. Selected Interns will be exposed to various aspects of academic and policy research. They will have hands-on experience

working with data related to banking and financial supervision and regulation. They may also use this internship to develop long-term working relationship with OCC economists, which may potentially lead to future joint projects.

**Desired Majors: Anthropology, Economics, Political Science and Government, Sociology, Statistics**

*Posted by: US Census Bureau:* Description: The National Ambulatory Medical Care Survey Team is responsible for managing the data collection of the National Ambulatory Medical Care Survey and the National Hospital Ambulatory Medical Care Survey. The intern performs quality control on the survey instruments, output files, and training materials. Desired Skills: Microsoft Word, Excel; SAS is helpful, but not required

**Desired Majors: Actuarial Science, Finance, Economics, Mathematics, Statistics**

*Posted by: Federal Reserve Board:* The intern will be involved in the second phase of a data merging and cleaning exercise as part of the joint IF-MA Corporate Loan Data Working Group (CLD WG). The CLD WG's objective is to merge at least three distinct datasets on corporations and syndicated lending (Compustat, Thomson Reuter's DealScan, and the Shared National Credit Program) for both policy and research. The summer intern will help with checking string-matching algorithms and also hand-check false positives and false negatives to determine which program should be used for regular updates of the matchings. Any remaining time will be spent on analyzing the merged datasets. Both IFS and GFI sections will be involved in this project from the Division of International Finance.

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