



Title 21 Vacancy Announcement
U.S. Department of Health and Human Services (HHS)
Food and Drug Administration (FDA)
Center for Drug Evaluation and Research (CDER)
Office of Strategic Programs (OSP)

Application Period: January 23, 2023 – February 13, 2023

Area of Consideration: United States Citizenship is required. You must be a U.S. Citizen or U.S. National. Foreign nationals or legal permanent residents are not eligible for consideration.

Position: Senior Data Scientist

Series: AD-0301

Location(s): Silver Spring, MD

Work Schedule: Full Time

Cures Band: Band D

Travel Requirements: 25% or less

Bargaining: 3591

Relocation Expenses Reimbursement: Relocation expenses will not be paid.

This position is being filled under a stream-lined hiring authority, Title 21, Section 3072 of the 21st Century Cures Act. The candidate selected for this position will serve under a career or career-conditional appointment and be paid under the provisions of this authority.

Additional information on 21st Century Cures Act can be found here:

[**21st Century Cures Act Information**](#)

Introduction

The Food and Drug Administration (FDA) is the regulatory, scientific, public health and consumer protection agency responsible for ensuring all human and animal drugs, medical devices, cosmetics, foods, food additives, drugs and medicated feeds for food producing animals, tobacco and radiation emitting devices are safe, and effective.

The mission of the Center for Drug Evaluation and Research (CDER) is to perform an essential public health task by making sure that safe and effective drugs are available to improve the health of people in the United States. CDER regulates over-the-counter and prescription drugs, including biological therapeutics and generic drugs.

The Office of Strategic Programs (OSP) is responsible for quantitative and qualitative data analysis, program evaluation, business process modernization, decision support services to

facilitate effective operations, consultation to Center Offices in developing strategic and operational plans for CDER, cross-center management and coordination of work on Center-wide governance and special initiatives, and the implementation of IT solutions to meet CDER's business needs. OSP provides essential expert support and enabling services for CDER to meet its mission objectives.

Duties/Responsibilities

As the **Senior Data Scientist**, the incumbent will work with the Director and Deputy Director to expand existing business/data analytics capacity and services to support analytics needs across CDER. Works with end users to understand their needs, solution providers, thus assuring customer focused solutions approach to data science business programs and projects.

- Leads CDER data science and analytics program/project activities such as, but not limited to, OPQ's Critical Intermediate Inventory and Inactive Ingredient Supply Chain analytics cases prioritized by the Information Management steering committee. Leads data science and analytics initiatives supported by a highly professional team of employees who have responsibility for providing customer solutions. Communicates assignments, projects, problems to be solved, actionable events, milestones, and/or program issues under review, and deadlines and timeframes for completion to the CDER data science and analytics teams.
- Ensures the project teams engagement with CDER customers acquire a thorough understanding of the organization needs and supports the customer from the initiation of the data analytic service request through the delivery process. Partners with CDER Program Offices on their data science and analytics challenges or new requirements to analyze, design, and present data in a way that assist with identifying and communicating data driven insight that allow offices to make informed decisions.
- Directly interacts with customers to assess, define, and understand client analytics needs, including redirection to appropriate experts or teams (e.g., Office of Program & Strategic Analysis (OPSA), Office of Business Informatics (OBI), Office of Translational Science (OTS)), referral to the Business Informatics Governance (BIG) Informatics Project Management Officer (IPMO) for IT prioritization, and recommendations for the customer to address the need. Advises OSP leadership on areas of need, issues, or gaps in staff ability, capacity, and tools, and recommended organizational approach to effectively implement and dynamically maintain this capability.
- Applies agile principles working with cross-organizational experts leveraging current assets and identifying technological needs to solve customer analytic needs. Evaluates the customers' needs to acquire a good understanding of the problem. Develops workable, practical strategies to improve customer experience and solution satisfaction. Coordinates intake process and make determination coordinate the hand off of highly complex issues to the appropriate internal service provider (e.g., OPSA, OBI, OCS) employing sophisticated problem-solving approaches such as optimization, statistical analysis, mathematical modeling to provide efficient and cost-effective customer centric solutions.

Supervisory Responsibilities: N/A

Conditions of Employment

- U.S. Citizenship requirement or proof of being a U.S. National must be met by closing date.
- Employment is subject to the successful completion of a background investigation, verification of qualifications, completion of onboarding forms, submission of required documents, and any other job-related requirement before or after appointment.
- Applicants must meet all qualification requirements by the closing date of this announcement.
- Direct Deposit: You will be required to have all federal salary payments electronically deposited into a bank account with a financial institution of your choice.
- FDA participates in e-Verify: All new hires must complete the I-9 form; this information will be processed through e-Verify to determine your employment eligibility. If a discrepancy arises, you must take affirmative steps to resolve the matter.
- Males born after December 31, 1959 must be registered with the Selective Service.
- One-year supervisory probationary period may be required.
- Financial Disclosure may be required.
- Ethics Clearance may be required.
- Background Investigation/Security Clearance is required. All employees must pass a security investigation. Failing to pass the background check may be grounds for removal or legal action. If hired, you may be subject to additional investigations at a later time.

Qualifications

To be placed into a Cures position, candidates must meet the following criteria:

1. Scientific, Technical, and Professional Fields
2. Qualified and Outstanding Candidates
 - a. **Qualified** applies to all candidates for Cures appointments. The FDA OTS will use the basic requirements defined in the [OPM Qualification Standards](#) as a baseline for comparing experience levels and other candidate attributes for relevant positions.
 - b. **Outstanding** candidates can be defined by existing outstanding work experience, outstanding performance rating, or both.

Please note: Additional education and experience listed that is not indicated as required is preferable and desired. Candidates who do not meet the “desired” criteria will not be excluded from consideration for this position.

Education Requirement:

Minimum Education Requirement: There are no Individual Occupational Requirements for this series.

Professional Experience: N/A

Desired Professional Experience:

Our ideal candidate will possess:

- Bachelor's degree in either Data Science, Organizational Design, Operations Research, or equivalent providing the incumbent with organizational, and analytics expertise needed for the position. Education and/or professional experience commensurate with that of a data scientist or data engineer, as well business analysts with significant data analytics and/or math background. Educational training in such fields including data science, data analysis, advanced business analytics and informatics.
- Knowledge and skill in applying the principles, concepts, tools, and methodologies related to data science. Emphasis on data management, data analyses, and computational programming.
- Demonstrated organizational design skills and experience.
- Demonstrated successful experience in implementing a service with emphasis on customer focus.
- Demonstrated ability to collaborate and work with a matrixed interdisciplinary team, work with customers to elicit analytic requirements and demonstrate an agile approach to solving customer needs.
- Demonstrated ability to work independently and collaboratively across organizational boundaries. Ability to interface with diverse audiences and skill in emotional intelligence.
- Demonstrated project management as well as data science skills.

Education Transcripts

SUBMITTING YOUR TRANSCRIPTS: Positions which are scientific or technical in nature often have very specific educational requirements. A transcript is required to verify educational achievement. Pay careful attention to the Qualifications and Education sections to identify vacancies where a transcript is required. Even if you hold a similar position or are a current FDA employee, you are not exempt from transcript requirements.

FOREIGN EDUCATION: If you are using education completed in foreign colleges or universities to meet the qualification requirements, you must show that the education credentials have been evaluated by a private organization that specializes in interpretation of foreign education programs and such education has been deemed equivalent to that gained in an accredited U.S. education program; or full credit has been given for the courses at a U.S. accredited college or university. For more information about this requirement, please visit the [U.S. Department of Education website for Foreign Education Evaluation](#).

Vaccination Requirements

To ensure compliance with an applicable preliminary nationwide injunction, which may be

supplemented, modified, or vacated, depending on the course of ongoing litigation, the Federal Government will take no action to implement or enforce the COVID-19 vaccination requirement pursuant to Executive Order 14043 on Requiring Coronavirus Disease 2019 Vaccination for Federal Employees. Therefore, to the extent a federal job announcement includes the requirement that applicants must be fully vaccinated against COVID-19 pursuant to Executive Order 14043, that requirement does not currently apply. Federal agencies may request information regarding the vaccination status of selected applicants for the purposes of implementing other workplace safety protocols, such as protocols related to masking, physical distancing, testing, travel, and quarantine.

Ethics Clearance Requirements

This position may require financial disclosure reporting and will be subject to FDA's prohibited financial interest regulation. If you are hired, you may be required to divest of certain financial interests. You are advised to seek additional information on this requirement from the hiring official before accepting any job offers. For more information, please visit the FDA Ethics web page: <https://www.fda.gov/about-fda/jobs-and-training-fda/ethics>.

Equal Employment Opportunity

Equal Employment Opportunity Policy

The United States Government does not discriminate in employment on the basis of race, color, religion, sex (including pregnancy and gender identity), national origin, political affiliation, sexual orientation, marital status, disability, genetic information, age, membership in an employee organization, retaliation, parental status, military service, or other non-merit factor.

[Equal Employment Opportunity \(EEO\) for federal employees & job applicants](#)

Reasonable Accommodation

Reasonable Accommodation Policy

Federal agencies must provide reasonable accommodation to applicants with disabilities where appropriate. Applicants requiring reasonable accommodation for any part of the application process should follow the instructions in the job opportunity announcement. For any part of the remaining hiring process, applicants should contact the hiring agency directly.

Determinations on requests for reasonable accommodation will be made on a case-by-case basis. A reasonable accommodation is any change to a job, the work environment, or the way things are usually done that enables an individual with a disability to apply for a job, perform job duties or receive equal access to job benefits.

Under the Rehabilitation Act of 1973, federal agencies must provide reasonable accommodations when: An applicant with a disability needs an accommodation to have an equal opportunity to apply for a job. An employee with a disability needs an accommodation to perform the essential job duties or to gain access to the workplace. An employee with a disability needs an accommodation to receive equal access to benefits, such as details, training, and office-sponsored events. You can request a reasonable accommodation at any time during the application or hiring process or while on the job. Requests are considered on a case-by-case

basis. Learn more about [disability employment and reasonable accommodations](#) or [how to contact an agency](#).

How to Apply

Submit resume with cover letter and transcripts by **February 13, 2023**, to: CDEROSPRecruitment@fda.hhs.gov. Candidate resumes may be shared with hiring official within the Center for Drug Evaluation and Research (CDER) with a similar job vacancy. Candidates can opt out of this process by annotating resume with “do not share”. For questions, please contact CDER OSP Recruitment Team at CDEROSPRecruitment@fda.hhs.gov. Please reference “**Senior Data Scientist - OSP**” in the subject-line when applying or submitting questions.

Announcement Contact

For questions regarding this Cures position, please contact CDEROSPRecruitment@fda.hhs.gov.

The U.S. Department of Health and Human Services is an equal opportunity employer with a smoke free environment.

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