



National Science Foundation

Competitive Position Vacancy

ANNOUNCEMENT NO: C20010048

OPEN: 11/16/00

CLOSE: 12/06/00

POSITION VACANT: Computer Specialist (Information Technology Manager), GS-334-13/14. Salary ranges from \$60,890 to \$93,537 per annum.

PROMOTION POTENTIAL: Computer Specialist (Information Technology Manager), GS-334-14

LOCATION: Directorate for Computer and Information Science and Engineering (CISE), Office of the Assistant Director (OAD), Arlington, VA.

BARGAINING UNIT STATUS: This position is included in the Bargaining Unit and will be filled in accordance with the merit staffing provisions of the Collective Bargaining Agreement, Article VII.

AREA OF CONSIDERATION: All Sources. This position is open to status and non-status candidates, as well as candidates eligible for appointment under special non-competitive appointing authorities.

DUTIES AND RESPONSIBILITIES: The OAD is broadly responsible for the five CISE Divisions and their programs. This responsibility includes: developing programs and providing justification for CISE budget; formulating program directions for the research community; coordinating the participation of several NSF programs in the Federal multi-agency program; representing CISE programs in broad agency management initiatives; evaluating the needs for the acquisition of broad information technologies infrastructure; and reviewing the development of human resources to support national needs in computer and information technologies training, education and research, including improving participation of underrepresented groups.

At the full performance level, the incumbent of this position:

- Plans and directs a Directorate's computer support program within the framework of legislation, agency policies, missions, objectives, and resources.
- Serves as NSF representative on government wide Next Generation Internet Joint Engineering Task Force to provide leadership and representation for NSF research and infrastructure interests.
- Serves as NSF representative on local Mid Atlantic Crossroads consortium to position NSF involvement in our academic and federal high performance meet point. Participates in working groups and activities to contribute to greater good of NSF and community interest.
- Develops the NSF internal strategies to meet the needs of all research and infrastructure programs by organizing and leading internal working groups to identify differences, similarities and needs. Analyzes program costs, and other resources to develop a combined aggregated approach for the Foundation.
- Coordinates a comprehensive computer/information-training program for the Directorate. Analyzes the training requirements and develops new low-cost options for employee training, including procurement and development of new courses and training materials to meet the needs of the Directorate staff.
- Manages information dissemination on the Web, and advises directorate personnel on the preparation of documents in HTML format.
- Serves as technical representative in high performance network community research projects, which are of interest to NSF programs and/or administration. This includes such things and IP v6, IP multicast, and optical networking. Responsible for coordinating, defining and developing NSF's involvement in these research efforts.
- Provides oversight and management of the Directorate's computer systems. Serves as team leader for Directorate-wide systems development projects. Coordinates the efforts of Division analysts and contractor personnel, when applicable.

QUALIFICATIONS REQUIRED: The Qualification Standards Handbook for General Schedule Positions will apply. U.S. CITIZENSHIP IS REQUIRED. Applicants must possess one year of specialized experience equivalent to the GS-12 and GS-13 level, respectively. **Specialized experience:** is experience that demonstrated accomplishment of computer project assignments that required a wide range of knowledge of computer requirements and techniques pertinent to the position to be filled. This knowledge is generally demonstrated by assignments where the applicant analyzed a number of alternative approaches in the process of advising management concerning major aspects of ADP system design, such as what system interrelationships must be considered, or what operating mode, system software, and/or equipment configuration is most appropriate for a given project. **Time-in-Grade Requirement:** Completion of one year of service in a position at the next lower grade level in the normal line of promotion progression for this occupation.

SELECTIVE FACTOR: Applicants must possess the following skill to be rated eligible:

- Expert knowledge of LAN and WAN systems design and implementation techniques.

QUALITY RANKING FACTORS:

- Expert knowledge of Internet TCP/IP protocol suites, network based applications, network security applications, tools and protocols, and network performance tools.
- Mastery or proficiency in systems management and systems programming languages; hardware/software required to implement and test new tools; diagnostic and corrective measures; and insuring the reliable operation of system components.
- Skill in applying qualitative and/or quantitative methods in order to gather, assemble and analyze facts, draw conclusions and make recommendations for the improvement of complex management policies, processes, systems, and services.
- Ability to direct a team of individuals in the analysis and design of computer systems and/or the delivery of a cohesive computer support program.
- Ability to communicate effectively, both orally and in writing, on matters of a programmatic, technical, and administrative nature.

BASIS FOR RATING: Final ranking is based on an evaluation of your experience, education and training as they relate to the knowledge, skills and abilities specified in the Selective Factor, if any, and the Quality Ranking Factors. Current performance appraisal and awards may also be used in the evaluation process.

CONDITIONS OF EMPLOYMENT: Appointment to this position is contingent upon successful completion of the appropriate background investigation. Satisfactory completion of a one-year probationary period may also be required.

HOW TO APPLY: You may apply for this position with the *Optional Application for Federal Employment* (OF-612), the older *Application for Federal Employment* (SF-171), a resume, or other application format of your choice - so long as it contains the necessary information (summarized below). Status candidates must also submit a *Notification of Personnel Action* (SF-50), showing competitive status, and a current Performance Appraisal. In order to ensure full consideration, it is recommended that you submit a supplemental statement which specifically addresses how your background and experience relate to each Selective and Quality Ranking Factor listed on this announcement.

You must specify the job announcement number, and title and grade(s) of the job for which you are applying. You should also provide the following information: • Your country of citizenship. • Your social security number. • Information about your education, including (1) high school graduation date and (2) college/university information - your major, and type and year of degree(s). If no degree, show total credits earned and indicate whether semester or quarter hours. • Information about all your work experience related to this job, including job titles, duties and accomplishments, employer's name and phone number, number of hours worked per week, starting and ending dates (month and year), and annual salary. If you held various positions with the same employer, describe each separately. • If you have Federal civilian experience, indicate the highest grade held, the job series, and dates held. • The brochure *Applying for a Federal Job* provides information on the Federal job application process; it is available by calling the number listed below.

If your application does not provide all the information requested in the vacancy announcement, you may lose consideration for this job.

Status candidates who wish to be considered under both merit promotion and delegated competitive examining procedures must submit two complete applications. If only one application is received, it will be considered under the merit promotion program.

Applicants who are eligible for appointment under special non-competitive appointing authorities must clearly specify your specific eligibility and provide proof with your application. Otherwise, the application will be considered under competitive procedures.

The National Science Foundation provides reasonable accommodations to applicants with disabilities on a case-by-case basis. If you need a reasonable accommodation for any part of the application and hiring process, please notify the point of contact listed on this vacancy announcement.

Applicants applying for special selection priority under the Interagency Career Transition Assistance Program must submit proof of eligibility (i.e., RIF separation notice, *Notification of Personnel Action* (SF-50) stating you were separated by RIF, OR a letter from your agency documenting your special selection priority status); copy of your current performance appraisal; and documentation of promotion potential in the position from which separated. To be determined well qualified to receive special selection priority for this position, you must meet all qualification and eligibility requirements, all selective factors, and be rated at the above average level or higher in each quality ranking factor.

Veterans who are preference eligibles or who have been separated from the armed forces under honorable conditions after three years or more of continuous active service may apply. Veteran candidates should attach a copy of your DD214; and, if applicable, *Application for 10-Point Veteran's Preference* (SF15), along with documentation specified on the form. (This is not necessary for status candidates for consideration under merit promotion procedures).

Submit all application material to National Science Foundation, Division of Human Resource Management, 4201 Wilson Boulevard, Room 315, Arlington, VA 22230. Attn: Announcement Number C20010048. In addition to the required application materials, you are asked to complete and submit the attached Applicant Survey form. Submission of this form is voluntary and will not affect your application for employment. The information will be used for statistical purposes only. **ALL FORMS MUST BE RECEIVED BY THE CLOSING DATE OF THIS ANNOUNCEMENT.** For additional information call Yvonne Woodward on (703) 292-4386. Hearing impaired individuals may call TDD (703) 292-8044.

**NSF IS AN EQUAL OPPORTUNITY EMPLOYER COMMITTED TO EMPLOYING A
HIGHLY QUALIFIED STAFF THAT REFLECTS THE DIVERSITY OF OUR NATION.**

NATIONAL SCIENCE FOUNDATION
APPLICANT SURVEY

OMB No. 3145-0096
Expiration: August 2002

Vacancy Ann. #: _____ Position Status (temporary/permanent): _____

Position Title/Series/Grade: _____

INSTRUCTIONS

Your completion of this form will be appreciated. Submission of this Information is voluntary and it will have no effect on the processing of your application. The data collected will be used only for statistical purposes to ensure that agency personnel practices meet the requirements of Federal law. Pursuant to 5 CFR 1320.5(b), an agency may not conduct or sponsor, and a person is not required to respond to an information collection unless it displays a valid OMB control number. The OMB control number for this collection is 3145-0096. NSF estimates that each respondent should take about 3 minutes to complete this survey, including time to read the instructions. You may have comments regarding this burden estimate or any other aspect of this survey, including suggestions for reducing this burden. If so, please send them to NSF Reports Clearance Officer, Division of Administrative Services, NSF, 4201 Wilson Blvd., Arlington, VA. 22230.

PRIVACY ACT INFORMATION

GENERAL - This information is provided pursuant to Public Law 93-579 (Privacy Act of 1974), December 31, 1974, for individuals completing Federal records and forms that solicit personal information.

AUTHORITY - Section 7201 of title 5 of the U.S. Code and Section 2000e-16 of title 42 of the U.S. Code.

PURPOSE AND ROUTINE USES

The information is used for research and for a Federal Equal Opportunity Recruitment Program (FEORP) to help insure that agency personnel practices meet the requirements of Federal law. Address questions concerning this form and its uses to the Privacy Act Officer, National Science Foundation, Arlington, VA 22230.

1. Today's Date: _____ 2. Year of Birth: _____

3. How did you learn about the particular position for which you are applying? (Circle appropriate number.)

- | | |
|---|---|
| 01 - Newspaper (specify) | 10 - Federal, State or local job information center |
| 02 - Contact with NSF Personnel Office
(Agency Bulletin Board or other Announcement) | 11 - State vocational rehabilitation agency or
Veterans Administration |
| 03 - NSF-initiated personal contact | 12 - State employment office |
| 04 - Science Magazine, or other professional journal or magazine
(specify) | 13 - School or college counselor or other official |
| 05 - Affirmative Action Register | 14 - Private job Information service |
| 06 - Attendance at conference, meeting or job fair
(specify) | 15 - Private employment service |
| 07 - NSF recruitment at school or college | 16 - Friend or relative working at NSF |
| 08 - Colleague referral | 17 - Friend or relative not working at NSF |
| 09 - NSF Bulletin | 18 - NSF website |
| | 19 - Internet or other website |
| | 20 - Other (specify) |

4. Please select the racial/ethnic category with which you most closely identify yourself. (Circle the appropriate letter)

- A. **American Indian or Alaskan Native.** A person having origins in any of the original peoples of North America, who maintains cultural identification through tribal affiliation or community recognition.
- B. **Asian or Pacific Islander.** A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands. This area includes, for example, China, India, Korea, the Philippine Islands, and Samoa.
- C. **Black, not of Hispanic origin.** A person having origins in any of the Black racial groups of Africa. This does not include persons of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish cultures or origins.
- D. **Hispanic.** A person of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish culture or origin, regardless of race.
- E. **White, not of Hispanic origin.** A person having origins in any of the original peoples of Europe, North Africa or the Middle East. This does not include persons of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish cultures or origin.

5. Sex (Circle the appropriate letter.) F - Female M - Male

6. Please provide Information on your disability status by circling the appropriate category below:

1. I do not have a disability; 2. Hearing impairment; 3. Vision impairment; 4. Missing extremities; 5. Partial paralysis; 6. Complete paralysis; 7. Convulsive disorder; 8. Mental retardation; 9. Mental or emotional illness; 10. Severe distortion of limbs and/or spine; 11. I have a disability but it is not listed.

FOR AGENCY USE

Agency Code: _____

AN EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER