

# STAFF NOTES

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH

Vol. 22, No. 32

6 August 1987

## Valerie Friesen, Personnel's "New" Manager

"Personnel work never gets dull; there's always something new to learn about people, organizations, and behavior." So says Valerie Friesen, who has just formally been appointed manager of Personnel and Equal Opportunity Programs at NCAR, a job she has been doing in an acting capacity for more than a year.

NCAR assistant director Robert MacQueen, who is responsible for Personnel and for making this appointment, comments, "We're delighted that Valerie has accepted this position, because her combined skills fit NCAR extraordinarily well. In her 22-year career, she's proved herself in personnel work and in conflict resolution, and she has valuable experience with NCAR operations."

First hired as an assistant in the new personnel department here in October 1964, Val worked at NCAR until May 1968, then spent nine years with United Bank of Denver. One of her responsibilities there was to consult with subsidiary banks newly acquired by the parent company, to help them integrate their personnel systems and policies into overall corporate ones. In March 1977 she returned to NCAR on a temporary assignment and has been here ever since, managing the employment function, doing special projects, and now managing the department.

Her job still shows no signs of becoming dull, as a number of major undertakings face Personnel in the months ahead. Valerie and her staff will be examining what their proper role should be in the organization; she plans to consult division directors and administrators about their needs. And the staff may make some internal adjustments to enable them to address larger issues. The example Val cites is internal equity: salaries for each job category are set by market surveys, but we do not yet have a good method for comparing the relation between categories—say, programmers and scientists—within NCAR.

Asked what message she would like to give NCAR at large, Valerie responds, "The Personnel staff is a competent and knowledgeable group. Feel free," she adds, "to contact any of us about any issue. Our goal is to serve



(Photo by Ginger Hein.)

the staff and the organization. If there's a problem, we'd like the opportunity to work together until we solve it." •MB

This Week in *Staff Notes* . . .

Friesen Is Personnel Manager  
Supercomputing Institute  
Announcements

Visitors  
Library News

Job Openings  
Calendar Notes

## Supercomputing Institute Will Be Held Next Week

The Scientific Computing Division will host its Summer Supercomputing Institute from 10 to 21 August. The institute, which is funded by the National Science Foundation's Division of Advanced Scientific Computing and Physical Oceanography Program, is one of several held throughout the country to educate researchers about how to use supercomputers in their work.

Lectures will be given daily from 8:30 a.m. to 3:00 p.m. in the south Damon Room. Topics include algorithms, computer architectures, computational fluid dynamics, multitasking, graphics, and applications. The speakers include Roger Hockney (University of Reading, England), Jack Worlton (Los Alamos National Laboratory), Heinz-Otto Kreiss (California Institute of Technology), John Larson (Cray Research, Inc.), Scott Dyer (Ohio State University), and Vance Faber (Los Alamos National Laboratory). In addition, several NCAR staff members will be giving talks and tutorials. The lectures are open to NCAR staff, but seating is limited. A full program is available from Belinda Housewright (ext. 1310).

The 25 participants in the institute will also attend a computer workshop in the morning and late afternoon in the north Damon Room. The room is equipped with Macintosh Pluses and IBM PC/XTs, with which the participants can access a supercomputer and apply their newly learned techniques to practical problems. •CR

## Announcements

### Mesa Lab's Circle Drive Will Be Closed

Next week (10–16 August), the driveway and circle at the Mesa Lab entrance will be closed to allow workers to recaulk cracks in the road surface. Cars will not be able to use the drive. The NCAR shuttle will let off passengers at the concrete NCAR sign just beyond the drive but before the parking lot.

### Departure

Kyle Leighton

22 July

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Writer/Editor: Sally Bates

Writers: Marie Boyko, Carol Rasmussen

Production Assistant: Anatta

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## Main Seminar Room Remodeling

The Main Seminar Room is going through some major changes, with work starting next week. The most noticeable feature of the remodeling will be the installation of a ramp floor and theater seating. This change will allow the room to seat 122 people rather than the current legal limit of 88. Other changes include improved lighting and acoustical tile in the ceiling. The remodeling will take about two months.

Because of the construction, the Main Seminar Room will not be available from Monday, 10 August, through 12 October. The mezzanine will also be closed off during this time. Construction workers will use the door by the computer room's light well for access, so that area will be blocked for some of the remodeling period.

## Think Snow

The NCAR Ski Club is selling group-rate ASA ski cards for the 1987–88 ski season. During August, the cost is \$18 for the first card and \$9 for additional cards. Call Diane Wilson (ext. 1656) for an application form or additional information.

## Visitors

TING SHAN LI, Chinese Air Force Weather Wing, Tamshui, Taiwan, Republic of China. Field of interest: Radars. 25 July–7 August. RL-3 room A353, ext. 8833.  
—Robert Serafin, Atmospheric Technology Division

ANNICK POUQUET, Nice Observatory, France. Field of interest: Turbulent flows and magnetohydrodynamics. 14 August 1987–13 August 1988. ML room 486, ext. 1563.  
—Jackson Herring, Atmospheric Analysis and Prediction Division

SVERRE SOLBERG, University of Oslo, Norway. Field of interest: Chemical modeling. 15 August–15 November. ML room 259, ext 1489.  
—Robert Chatfield, Atmospheric Chemistry Division

IAN WATTERSON, NOAA. Field of interest: Antarctic ozone hole. 27 July 1987–30 April 1988. ML room 363, ext. 1402.  
—John Gille, Atmospheric Chemistry Division

The following people are at NCAR from 26 July to 7 August to attend a workshop on the community climate model:

Michael Alexander, University of Wisconsin—Madison  
Lawrence Auer, Los Alamos National Laboratory (LANL)

Ferdinand Baer, University of Maryland  
Lawrence Buja, University of Utah  
Tsing-Chang Chen, Iowa State University  
Stephen Colucci, University of Virginia  
Christopher Davis, Massachusetts Institute of  
Technology (MIT)  
Godlieve Deblonde, University of Toronto, Ontario,  
Canada  
Randall Dole, MIT  
Lydia Dumenil, University of Hamburg, Federal Republic of  
Germany  
Ellsworth Dutton, NOAA  
David Erickson III, Scripps Institution of Oceanography  
John Geisler, University of Utah  
Thomas Glancy, Jr., University of Rhode Island  
Martin Hoerling, University of Wisconsin-Madison  
Mark Horrell, University of Chicago  
Douglas Johnson, University of Waterloo, Ontario,  
Canada  
Timothy Kittel, Colorado State University  
T. Krishnamurti, Florida State University  
John Kutzbach, University of Wisconsin-Madison  
Sy-Shiann Lai, University of California, Davis  
Bradfield Lyon, MIT  
Robert Malone, LANL  
Susan Marshall, University of Colorado  
Philippe Martin, University of California, Berkeley  
Michael Mcatee, U.S. Air Force  
John Merrill, University of Rhode Island  
Charles O'Connor, Lawrence Livermore National  
Laboratory  
Robert Oglesby, Yale University  
William Peterson, Pennsylvania State University  
David Portman, AER, Inc., Cambridge, Massachusetts  
Lorraine Remer, University of California, Davis  
Chantal Rivest, MIT  
Becky Ross, University of Illinois at Urbana-Champaign  
Richard Selin, University of Wisconsin-Madison  
Albert Semtner, Naval Postgraduate School  
Laura Smith, Colorado State University  
John Taylor, University of Colorado

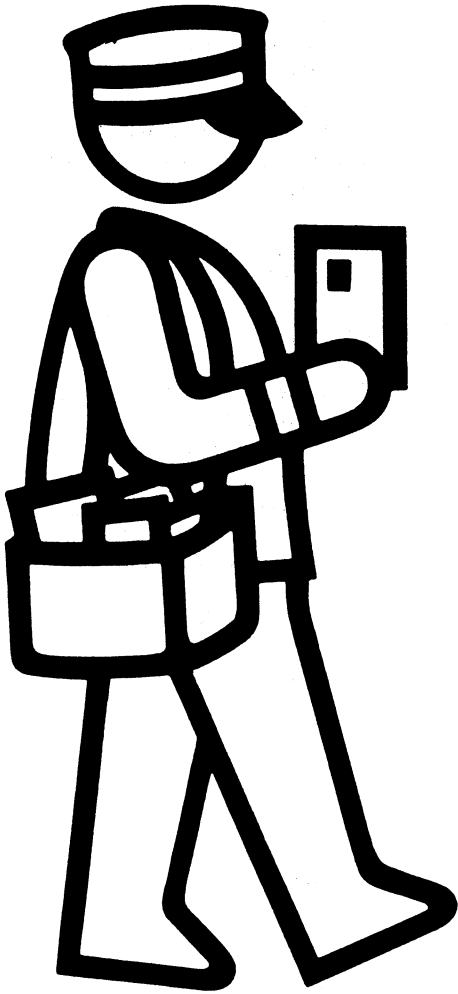
Ching-hua Wang, University of California, Davis  
Ming-Chang Yen, Iowa State University

The following visitors will attend the Scientific Com-  
puting Division's Summer Supercomputing Institute, held  
10-21 August in the Mesa Laboratory's Damon Room:

Dwight Back, Notre Dame University  
V. Chandrasekar, Colorado State University  
Yi Chao, Princeton University  
David Dufour, Florida State University  
Scott Dyer, Ohio State University  
Donald Eliason, Texas A&M University  
James Elsner, University of Wisconsin-Milwaukee  
Vance Faber, Los Alamos National Laboratory (LANL)  
David Fox, Princeton University  
Roger Hockney, University of Reading, England  
Dingming Hu, University of Miami  
Sanjay Kapur, State University of New York (SUNY) at  
Stony Brook  
Dietmar Krauss-Varban, University of Maryland  
Heinz-Otto Kreiss, California Institute of Technology  
Chung-Chiang Lai, SUNY at Albany  
Sy-Shiann Lai, University of California, Davis  
John Larson, Cray Research, Inc.  
Yvette LaRue, University of Colorado  
Robert Leben, University of Colorado  
David Legates, University of Delaware  
Allen Lenzen, University of Wisconsin-Madison  
Xin Zhong Liang, SUNY at Stony Brook  
Priscilla Newberger, Oregon State University  
Julie Noonan, Colorado State University  
Jenn-Luen Song, Colorado State University  
Kenneth Sperber, SUNY at Stony Brook  
Tyler Stevens, University of Colorado  
Mary Trauner, Georgia Institute of Technology  
Jack Worlton, LANL  
Chiu-Wai Yuen, McGill University, Montreal, Quebec,  
Canada  
Kevin Zhao, University of Wisconsin-Madison

# STAFF NOTES

is in the process of revising its mailing list.



If you wish to continue receiving *Staff Notes*, please complete and return this form to:

*Staff Notes*  
NCAR Information Services  
P.O. Box 3000  
Boulder, CO 80307

If we do not hear from you by August 28, 1987, your name will be removed from the *Staff Notes* mailing list.

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YES, keep my name on the  
*Staff Notes* mailing list.

Name \_\_\_\_\_

Street \_\_\_\_\_  
\_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

# LIBRARY NEWS

August 6, 1987

## LIBRARY SERVICES

### GET STATE, LOCAL AND REGIONAL BUSINESS NEWS AT THE LIBRARY!

Until recently, local business news was hard to find online. Now, with the new Business Dateline data base, we can get complete articles from the most important state business publications. Besides answering an important need for information, the data base is current, updated each week.

For facts about local companies or their executives, this is an excellent source. It's also useful for answers on local and regional business trends, facts and issues. Here are Colorado publications whose articles are included in Business Dateline: Boulder County Business Report, Colorado Business, Denver Business, and the Rocky Mountain Business Journal. For a bibliography or full text article from this data base, call the Library at X1180.

\* \* \*

My acquisitions recommendation for the Mesa, RL6, RL3, MAR, or RAF Library (circle one) is: \_\_\_\_\_ Name: \_\_\_\_\_

The following new books for the Mesa, RL6, RL3, MAR, and RAF Libraries will be displayed in the Mesa Library August 6 through August 13. They may be reserved during display for subsequent checkout. NCAR members located off the Mesa may borrow new books by checking the item(s) of interest below and sending the list to Gayl Gray. Reference material, however, does not circulate.

## NEW BOOKS

|   | CALL NUMBERS                    |
|---|---------------------------------|
| NATIONAL ISSUES AND RESEARCH PRIORITIES IN THE ARCTIC. National Research Council. Polar Research Board, 1985.                   | G606 N51 1985                   |
| DROUGHT AND HUNGER IN AFRICA : DENYING FAMINE A FUTURE. Glantz, M.H., 1987.   | HC800 Z9F33 1987                |
| COMPILERS : PRINCIPLES, TECHNIQUES, AND TOOLS. Aho, A.V., Sethi, R., Ullman, J.D., 1986.  | QA76.76 C65A37 1986             |
| FUNCTIONAL ANALYSIS AND TWO-POINT DIFFERENTIAL OPERATORS. Locker, J., 1986.   | QA320 L596 1986                 |
| THE FRACTAL GEOMETRY OF NATURE. Mandelbrot, B.B., 1983.   | QA447 M357 1983                 |
| NONLINEAR DYNAMICS AND CHAOS : GEOMETRICAL METHODS FOR ENGINEERS AND SCIENTISTS. Thompson, J.M.T., Stewart, H.B., 1986.         | QA871 T47 1986 c.2              |
| ANNUAL REVIEW OF NUMERICAL FLUID MECHANICS AND HEAT TRANSFER. 1987.   | QA901 A56 v.1                   |
| AN INTRODUCTION TO THERMAL PHYSICS. Adkins, C.J., 1987.   | QC254.2 A35 1987                |
| TOPICS IN GEOPHYSICAL FLUID DYNAMICS : ATMOSPHERIC DYNAMICS, DYNAMO THEORY, AND CLIMATE DYNAMICS. Ghil, M. Childress, S., 1987. | QC809 F5G45 1987 c.2-3, c.4 RL6 |
| INTERNATIONAL CLOUD ATLAS. ABRIDGED ATLAS. WMO, 1969.   | QC921 W927A c.2 in RAF          |
| THE LIGHTNING DISCHARGE. Uman, M.A., 1987.  | QC966 U4 1987                   |
| GREAT LAKES CLIMATOLOGICAL ATLAS. Saulesleja, A., 1986.   | QC984 G7S38 1986                |
| WIND AS A GEOLOGICAL PROCESS : ON EARTH, MARS, VENUS, AND TITAN. Greeley, R., Iversen, J.D., 1985.                              | QE597 G7 1985                   |
| THE EVOLUTION OF THE BIOSPHERE. Budyko, M.I., 1986.   | QH371 B7713 1986 c.2            |
| PHYSIOLOGICAL ECOLOGY OF FOREST PRODUCTION. Landsberg, J.J., 1986.  | QH541.5 F6L27 1986              |
| TRANSACTIONS, SECOND INTERNATIONAL SPECIALTY CONFERENCE ON METEOROLOGY OF ACIDIC DEPOSITION, MARCH 1986.                        | QH545 A17M45 1986               |
| SYMBIOTIC NITROGEN FIXATION TECHNOLOGY. Elkan, G.H., ed., 1987.   | QR89.7 S94 1987                 |
| ROCKY MOUNTAIN HIGH TECHNOLOGY BUYER'S GUIDE. (Includes discs), 1987.   | T12 A17R58 1987 in Ref          |
| WAVE INTERACTIONS AND FLUID FLOWS. Craik, A.D.D., 1985.   | TA357 C73 1985 c.2 in RL6       |
| FINE PARTICLES IN GASEOUS MEDIA. Hesketh, H.E., 1986.   | TD884.5 H47 1986                |
| DIGITAL COMMUNICATIONS. Bartee, T.C., ed., 1986.  | TK5103.7 D52 1986 in RL3        |
| THE KU-BAND SATELLITE HANDBOOK. Long, M., 1987.   | TK6677 L66 1987 in RL3          |
| ESSENTIAL GUIDE TO THE LIBRARY IBM PC. Nelson, N.M., 1985.  | Z678.9 E86 1985                 |

# JOB OPENINGS

August 5, 1987

*NCAR/UCAR is an equal opportunity/affirmative action employer.*

Salaries for new employees and for current employees receiving reassignment will be between the range minimum and maximum shown for each job.

Specific starting salaries are determined by comparing the applicant's qualifications with the requirements and assessing expected performance levels.

## SCIENTIST POSITIONS AVAILABLE

**These positions are located at the INO site, near Bay St. Louis, Mississippi.**

UCAR - Institute for Naval Oceanography

Exempt Positions

The Institute for Naval Oceanography (INO) is dedicated to ocean prediction research and development. The INO is pursuing the development and demonstration of mesoscale eddy-resolving ocean prediction systems on a global basis. Areas of particular interest include: the coastal ocean, the Gulf Stream region and North Atlantic basin, the California current region and North Pacific basin, the Arctic marginal ice zones, the equatorial ocean, and the global ocean. INO is currently seeking Ph.D. scientists at all levels to provide scientific leadership in:

- O The development and evaluation of ocean models and databases
- O The development of methods to assimilate remotely sensed and in-situ ocean data into ocean prediction systems
- O The design and execution of ocean prediction experiments and the evaluation of ocean prediction systems
- O The interfacing of ocean models with atmospheric and acoustic models

Precise position descriptions are not yet available, but we encourage inquiries from interested individuals.

**SKILLS/REQUIREMENTS INCLUDE:**

- Ph.D. in physical oceanography, meteorology, mathematics, or a related physical science OR the equivalent combination of experience and education
- Skill in identifying and conducting research in ocean dynamical modeling, statistical modeling, remote sensing or in-situ data analysis, or database management
- Skill in writing papers regarding research efforts for publication in refereed journals and publications and

for presentation at conferences, meetings, and seminars

Qualified applicants should submit resumes and the names of three references to: Newton Spitzfaden, Institute for Naval Oceanography, NSTL, Mississippi 39529-5005.

## SCIENTIST I or II - #0777

ASP - Environmental and Societal Impact Group (ESIG)

Exempt Range: 84, \$2,513 - 3,770/mo

85, \$3,167 - 4,750/mo

**DUTIES:** Works as a Human Geographer in a multidisciplinary group conducting studies of the interaction between climate and society at the local, regional, and global level. Conducts research on the societal aspects and policy issues of the impacts of climate. Conducts research in human geography and its application to environmental problems, including policy issues. Publishes results of own work and collaborates with others as appropriate. Works as part of a multidisciplinary group conducting studies of environmental and societal impact of climate. Devises appropriate methodology for performing policy analysis concerned with the societal impact of climate. Acts as consultant to other ESIG and NCAR staff on questions pertinent to human geography and policy analysis. **ADDITIONAL DUTIES (Level II):** Identifies, conducts, and oversees projects involving research in human geography and its application to climate related environmental problems. Regularly publishes significant research. Participates in general section management such as assisting with the development of objectives and plans for research programs and projects. Designs and develops objectives and plans for research concerned with the societal impact of climate.

**REQUIRES:**

- Ph.D. in human geography or closely related discipline OR equivalent combination of education and experience
- Knowledge of how to perform original research in policy analysis and in economic development or social response to environmental change
- Skill in applying a variety of methodologies to environmental problems
- Demonstrated interest in climate and climate-related impact assessment
- Commitment to a multidisciplinary research

**ADDITIONAL REQUIREMENTS (Level II):**

- Demonstrated skill in identifying and conducting original research in climate impacts
- Demonstrated publication record, including climate impacts work
- Demonstrated skill in applying a variety of methodologies to environmental problems
- Skill in performing original research in policy analysis and in economic development or social responses to environmental change

**NOTE:** Scientist I and II appointments are for terms of up to three and four years, respectively. Individuals may be appointed to the next higher level of Scientist in accordance with UCAR Scientific Appointments policy.  
Debi Koepke X8728

**SYSTEMS PROGRAMMER III OR IV - #0775**

SCD - Systems Group

Exempt Range: 66, \$2,840 - 4,260/mo  
67, \$3,413 - 5,120/mo

**DUTIES:** Installs, maintains, and enhances a variety of software systems and devices on DEC VAX/VMS systems and on System V and BSD 4.2/4.3 UNIX systems which use a variety of hardware including Sun and Pyramid. Serves as primary systems manager on VAX/VMS systems and secondary manager on UNIX systems. Develops, implements, and maintains an automatic queuing graphical output subsystem on a UNIX or VAX/VMS system that uses NCAR Local Network software, DARPA IP-based applications software, and DICOMED film transports. Maintains and enhances computer operating systems software and documentation. Maintains all assigned systems in an operational condition. Installs vendor released software and merges local software modifications with vendor-supplied software and tests and verifies reliability. Consults with users, engineers, programmers, and operators to troubleshoot hardware, software and operating problems. Coordinates

efforts with system vendors to minimize disruptions within the computing environment. Writes and maintains software for monitoring and evaluating system usage and performance. Maintains knowledge of technological developments in the computer industry. Participates in evaluating vendor hardware and software through diagnostic testing. Cross trains on a variety of other systems. **ADDITIONAL DUTIES (Level IV):** Writes and presents technical design documents, and writes and presents a variety of other technical and analytical reports. Participates in long range design efforts that specify and select major NCAR computing systems and subsystems. Makes design decisions with major impact on the overall design and integration of the major computer systems at NCAR. Supervises employees in ways consistent with UCAR policies and with its Affirmative Action and Equal Opportunity programs.

**REQUIRES:**

- M.S. in computer science or equivalent combination of experience and education
- Extensive systems programming skill involving VAX/VMS, System V, and BSD 4.2/4.3
- Extensive advanced skill in implementing, enhancing, maintaining, and troubleshooting large, systems-oriented C and FORTRAN programs
- Skill with DECnet, NLN software and NSC hardware, any CRAY operating system, Pyramid software and hardware, DARPA TCP/IP, TELNET and FTP protocols, electronic mail systems, Apple Macintoshes, writing device drivers, using IBM system 370 hardware and the IBM VM and MVS system control software, the IBM Conversational Monitor System (CMS), TSO, and the use of ICE machines, IBM DACU's, ASCII terminals and protocols

**ADDITIONAL REQUIREMENTS (Level IV):**

- Extensive advanced skill in designing, implementing, enhancing, maintaining, and troubleshooting large, systems-oriented C and FORTRAN programs
- Demonstrated skill in writing technical design documents and making technical presentations
- Skill in directing the efforts of a technical programming team

**ALSO DESIRED, BUT NOT REQUIRED:**

- Skill in Assembly language involving VAX/VMS systems
- Skill in the use of MVS JCL, BAL, IFTRAN, and EXEC 2 languages

Debi Koepke X8728

**PART-TIME****\*MAIL CLERK/CUSTODIAN - #0778\***

DIR - Custodial Services and Traffic Services

HOURS: On call 0 - 40 hours/week as needed, between the hours of 7:00 a.m. and 5:00 p.m.

Non-exempt Range: \$6.61 - 8.58/hour

DUTIES AS MAIL ROOM CLERK: Assists Lead Mail Clerk in the receipt and delivery of U.S.P.S. and inter-office mail. Sorts NCAR inter-office mail and mail for other agencies, such as NOAA and the University of Colorado. Uses mailing system or manual methods to record postage costs for chargeback to NCAR user programs. Operates all mail room equipment: scales, postage meter, mailing system, and tying machine. Maintains records on employee and visitor locations to assist in mail breakout and to expedite delivery. Maintains security on checks, airline tickets, cash, and other items of value until delivered. Participates in cross-training to develop skill to drive GSA vehicles for mail deliveries or special deliveries, provide passenger shuttle pick-up service, and learn Shipping and Receiving operations. Oversees mail room operation in the absence of the Lead Mail Clerk.

DUTIES AS CUSTODIAN: Cleans areas of building assigned; reports any unusual conditions to the supervisor; maintains working knowledge of supplies, equipment, and procedures used in cleaning, including specialized procedures for various areas. Maintains custodial closet, equipment, and supplies assigned. Ensures that all supplies are stocked and equipment is ready to start work the next day. Shovels snow at building entrances. Moves furniture before and after special functions in meeting areas.

REQUIREMENTS (Mail Room Clerk):

- Skill at reading and understanding addresses
- Skill at filling out forms, such as those required by the U.S.P.S.
- Skill in adapting to changing workload and re-assignments
- Basic arithmetic skills
- Possession of a valid Colorado driver's license
- Ability to qualify for and obtain a GSA driver's license (to qualify, one cannot have more than two moving traffic violations in the past three years)
- Ability to qualify for and obtain a Colorado State Class "S" driver's license
- Physical ability to lift 70 pounds and spend most of the day standing, walking, or driving

ALSO DESIRED, BUT NOT REQUIRED:

- Skill in using mail room equipment
- Knowledge of mail room procedures
- Knowledge of U.S.P.S. regulations for domestic and foreign mailings
- Familiarity with data processing and automated mail handling equipment

REQUIREMENTS (Custodian):

- Skill in understanding, remembering, and following detailed procedures
- Skill in reading and understanding written procedures
- Skill in establishing and maintaining good working relationships
- Skill in using good judgement and in working without frequent supervision
- Possession of a valid Colorado driver's license and access to a reliable automobile
- Skill in understanding special instructions from staff members
- Skill in altering routines for changing requirements
- Good attendance, including punctuality

ALSO DESIRED, BUT NOT REQUIRED:

- Demonstrated skill in cleaning similar laboratory and office facilities
- Becky Campbell X8729

**\*MACHINE SHOP CUSTODIAN - #0779\***

ATD - Design and Fabrication Services

HOURS: 20/week - 1:30 to 5:30 p.m.

Salary Range: \$522 - 678/month (.5 FTE)

DUTIES: Cleans daily to maintain a consistently high level of cleanliness in the areas used by the Design and Fabrication Services Section. Daily duties include sweeping floors, emptying waste-baskets, cleaning designated machinery, separating chip materials in designated containers, and mopping shop floor areas where deposits of coolant, oils, or stains have accumulated. Periodic cleaning will include machine cleaning and wipe down; cleaning and dusting lamp fixtures, storage cabinets, and power ducts; washing walls; assisting shop clerk with maintaining stock racks in a clean, safe and orderly manner; stripping and refinishing floors; cleaning coolant tanks; and assisting machinists on occasion with stock handling. Will be required to wear safety shoes and glasses, as the machine shop is a hazardous area.

REQUIRES:

- Skill in following instructions and accomplishing tasks with minimum supervision
- Skill in organization
- Skill in communication
- Basic skill as a custodian
- Knowledge of safety procedures used around power tools
- Willingness to abide by shop safety practices



- Willingness to work Monday through Friday from 1:30 to 5:30 p.m.
  - Physical ability and willingness to lift up to 75 pounds to a 3 foot height
- Becky Campbell X8729

**TRAFFIC SERVICES CLERK - #0776**

DIR - Administrative Services/Traffic Services

Non-exempt Range: \$573 - 744/month

HOURS: 20 hours per week

DUTIES : Receives, distributes, and dispatches all classes of incoming and outgoing mail. Sorts UCAR inter-office mail and U.S.P.S. to facility offices. Processes outgoing mail on electronic mailing system, recording postage costs for chargeback to NCAR users. Operates all mail room equipment including scales, postage meters, and tying machines. Maintains records on employee and visitor locations to assist in mail sorting and delivery. Maintains security on checks, airline tickets, cash, and other items of value until delivered. Drives GSA vehicles, including passenger shuttle, mail and goods delivery to NCAR's Boulder area facilities and occasionally outside the Boulder Area. Assists with GSA vehicle care and maintenance. Learns GSA vehicle management and driver licensing procedures. Assists with pick up, processing or delivery of express mail services. Receives incoming shipments of goods and equipment. Operates computer terminal to search for purchase order information and to record deliveries. Picks up outgoing goods and prepares specified shipping documents. Assists in warehouse operations, making pickups, deliveries and rearrangements.

**REQUIRES:**

- Possession of a valid Colorado driver's license and ability to qualify for and obtain a GSA driver's license (no more than two moving traffic violations in the last three years) and a Colorado State Class "S" license
- Must be able to lift 70 pounds and spend most of the day standing, walking, or driving
- Skill in reading and understanding addresses
- Skill in filling out shipping papers
- Skill in adapting to frequent changes in workload and reassignment
- Skill in working with computer terminals, calculators, and entry keyboard for electronic mailing systems
- Skill in keeping very accurate records
- Skill in communicating and working with a wide variety of people

- Willingness to work on-call
  - Demonstrated good attendance record
- ALSO DESIRED, BUT NOT REQUIRED:
- Knowledge of U.S.P.S. regulations
  - Knowledge of minor vehicle maintenance practices
  - Skill in driving passenger vans and delivery trucks
- Becky Campbell X8729

**ADDITIONAL POSITIONS**

We are still accepting applications for positions listed below. For information on any of the following previously published job vacancies, please contact the Personnel/EOP office on extension 8693.

**ASSOCIATE SCIENTIST II OR III - #0759**

AAP - Large Scale Dynamics

Exempt Range: 81, \$2,220 - 3,330/mo

82, \$2,660 - 3,990/mo

Date first published in "Job Openings":  
June 17, 1987

**ASSOCIATE SCIENTIST II OR III - #0765**

ATD - Field Observing Facility

Exempt Range: 81, \$2,220 - 3,330/mo

82, \$2,660 - 3,990/mo

Date first published in "Job Openings":  
July 1, 1987

**GRAPHICS PROGRAMMER II or III - #0743**

SCD - User Services Section

Exempt Range: 61, \$2,260 - 3,390/mo

62, \$2,707 - 4,060/mo

Date first published in "Job Openings":  
May 27, 1987.

**PROGRAMMER II or III - #0771**

SCD - User Services

Exempt Range: 61, \$2,260 - 3,390/mo

62, \$2,707 - 4,060/mo

Date first published in "Job Openings":  
July 15, 1987.

**RESEARCH POSITIONS AVAILABLE**

UCAR - Institute for Naval Oceanography  
Exempt Positions  
These positions are located at the INO site, near Bay St. Louis, Mississippi. For more information, contact Newton Spitzfaden, (601) 688-5737

**SCIENTIST I - #0677**

HAO - Solar Activity and Magnetic Fields  
Exempt Range: 84, \$2,420 - 3,629/mo  
Date first published in "Job Openings":  
January 21, 1987

**SCIENTIST II, III or SENIOR SCIENTIST  
#0748**

CGD - Cloud-Climate Interactions Group  
Exempt Range: 85, \$3,167 - 4,750/mo  
86, \$3,800 - 5,700/mo  
87, \$3,988 - 6,646/mo  
Date first published in "Job Openings":  
May 19, 1987

**SCIENTIST III OR SENIOR SCIENTIST -  
#0691**

ACD - Chemical Modeling  
Exempt Range: 86, \$3,653 - 5,480/mo  
87, \$3,837 - 6,396/mo  
Date first published in "Job Openings":  
February 21, 1987

**SCIENTIST III OR SENIOR SCIENTIST -  
#0706**

CGD - Coupled Climate Systems  
Exempt Range: 86, \$3,800 - 5,700/mo  
87, \$3,988 - 6,646/mo  
Date first published in "Job Openings":  
March 3, 1987

**SYSTEMS PROGRAMMER III or IV - #0755**

SCD - Systems Group  
Exempt Range: 66, \$2,840 - 4,260/mo III  
67, \$3,413 - 5,120/mo IV  
Date first published in "Job Openings":  
June 10, 1987.

**PART-TIME**

**SENIOR PROGRAM ADMINISTRATOR - #0772**

UCAR - Corporate Affiliates Program  
Exempt Range: 74, \$1,487 - 2,230/mo  
HOURS - 20 per week  
Date first published in "Job Openings":  
July 15, 1987.

**STUDENT ASSISTANT III - #0740**

ATD - Research Applications Program  
Flat Rate: \$9.80/hour  
HOURS: 20/week during school, full-time  
during breaks  
Date first published in "Job Openings":  
May 12, 1987

**STUDENT ASSISTANT II - #0761**

MMM - Mesoscale Interaction Section  
Flat Rate: \$7.10/hour  
HOURS: 20/week during school, 40/week  
during breaks  
Date first published in "Job Openings":  
June 17, 1987

**\*Asterisked positions are appearing in  
"Job Openings" for the first time.**

# CALENDAR NOTES

AUGUST 10TH THROUGH AUGUST 17TH

MONDAY, August 10, through FRIDAY, AUGUST 14

● Supercomputing Institute

8:30 a.m. - 3:00 p.m. Monday through Friday  
NCAR Mesa Lab, Damon Room  
*(Open to NCAR Staff Only)*

TUESDAY, August 11

OPEN

WEDNESDAY, August 12

OPEN

THURSDAY, August 13

OPEN

FRIDAY, August 14

OPEN

MONDAY, August 17, through FRIDAY, August 21

● Supercomputing Institute

8:30 a.m. - 3:00 p.m. Monday through Friday  
NCAR Mesa Lab, Damon Room  
*(Open to NCAR Staff Only)*

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Calendar Notes announcements may be mailed to Sheryl Meek, ML 140. Tuesday at 5:00 p.m. is the deadline for items to be included in Calendar Notes.

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