Anthes Named UCAR President

Rick Anthes, who has served as acting president of UCAR since Cliff Murino's retirement this spring, has been named to the post permanently by the UCAR Board of Trustees. The announcement was made on Tuesday. Rick's former position as director of NCAR will continue to be filled by NCAR associate director Bob MacQueen while the trustees conduct a search for a permanent NCAR director.

Rick came to NCAR in 1981 as head of the Atmospheric Analysis and Prediction Division (since reorganized to become the Climate and Global Dynamics Division). He became director of NCAR in September of 1986. Commenting on his new appointment, he told Staff Notes, "I am pleased that the university community has expressed this vote of confidence in me. The hardest part of my decision was leaving the directorship of NCAR, but NCAR is and will continue to be UCAR's highest priority, and I look forward to building a strong UCAR/NCAR management team."

Rick adds his personal thanks to Bob MacQueen. "He has acted very capably as director of NCAR during the past few months, and I appreciate his willingness to continue in this important position until a permanent replacement is selected."

Rick came to NCAR from Pennsylvania State University, where he taught and conducted research for ten years. He is author or coauthor of over 90 scientific papers and books and is currently chairman of the Board on Atmospheric Sciences and Climate of the National Academy of Sciences/National Research Council. He holds a Ph.D. from the University of Wisconsin.

In launching this new phase of his career, he says, "The future contains a great array of challenges for us and our university colleagues. I would like to invite comments from NCAR and UCAR staff to help in determining future directions for UCAR." -LW

(Photo by Charles Semmer.)
Party Race Results

The fall staff party, featuring the traditional up-the-hill races, was held last Friday at the Mesa Lab in glorious fall weather. The party, sponsored by the Employee Activities Committee (EAC), was a hoe-down.

The festivities began with the individual foot race. Seventeen men and women ran the 2,000-meter course. It was the first time that women outnumbered men—nine to eight. Andrew Crook of the Mesoscale and Microscale Meteorology Division (MMM) and Ken Davis of the Atmospheric Chemistry Division (ACD) were the first two finishers, with times of 7:45 and 8:13, respectively. Betty O'Lear of UCAR and Sue Haupt of the Advanced Study Program (ASP) placed first and second among the women, with times of 10:38 and 11:37. This marks the fourth time that Betty has outrun the other women.

Sixteen bicyclists rode the hill. Alan Hills of the Director's Office (DIR) defeated John Clyne of the Scientific Computing Division (SCD) in a sprint finish. Their times of 5:17 and 5:19 were the second and third fastest in the history of the event. (Alan holds the record of 5:09, set in 1986.) Marie White (ASP) was the fastest woman, with a time of 7:23. This was the second fastest time ever for the women; Marie set the record of 7:07 last year. Alice Lecinski of the High Altitude Observatory (HAO), a former women's up-the-hill bicycle winner (1980), finished second among the women, with a time of 8:19.

A total of 304 staff members participated in the divisional relay race. The Climate and Global Dynamics Division (CGD) defeated MMM by three seconds with a time of 5:21. HAO finished third, followed by the Atmospheric Technology Division, ACD, DIR/UCAR, and SCD, respectively. HAO, whose team was organized by Ed Shoub, won the award for greatest staff participation, with 82%. SCD, organized by Louise Lawrence, placed second, with 67%, and had the largest number of participants, 75. Two other divisions, ACD (organized by Teresa Rivas) and MMM (organized by Andrew Crook), had more than 50% participation.

There were two NCAR staff members who entered all three events—Craig Kunitani (CGD) and Alice Lecinski. The winners of the drawings for dinner at Emilio's Restaurant were Betty O'Lear, Craig Kunitani, Piotr Smolarkiewicz (MMM), and Howard Hull (HAO).

After the races, the party moved to the tree plaza, where food was served by the EAC and entertainment was provided by Martin Picket and the Rockin' Reveliers.  

Announcements

Retirement Party for Dorothy Kokesh

Dorothy Kokesh, our receptionist of long standing, is retiring next week. Administrative Services will be hosting a party for her on Wednesday, 28 September, between 3:00 and 5:00 p.m. in the Damon Room. All staff are invited.

Directory Changes

<table>
<thead>
<tr>
<th>Name</th>
<th>Room</th>
<th>Ext.</th>
</tr>
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<tbody>
<tr>
<td>Leonard Sitongia</td>
<td>ML 296</td>
<td>1509</td>
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Safety Shoe and Glasses Procedures

As of 1 October, there will be new procedures for buying safety shoes and safety glasses. You must purchase the shoes or glasses from an approved vendor off site; the safety shoe van will no longer visit NCAR. Safety and Environmental Services will reimburse staff members for these items as shown below:

- **Shoes** $50
- Eyeglass frames 34
- Eyeglass lenses:
  - Single vision 32
  - Bifocal 49
  - Trifocal 80

Steve Sadler has a list of vendors. He requests that you buy the safety items and then fill out a request for check to be reimbursed. A check will be issued within three working days. If the delay would cause you a financial hardship, call Steve on ext. 8536.
NCAR Holds First Satellite Conference

All NCAR employees are invited to attend a one-day interactive satellite conference on Tuesday, 4 October. Entitled "The Interdisciplinary World of Computing," it is sponsored by the Institute of Electrical and Electronics Engineers and is the first IEEE video conference to be received at NCAR. The Systems Programming and Distributed Computing sections of the Scientific Computing Division are sponsoring NCAR's participation in the conference and are installing a satellite dish that will allow NCAR to participate in future conferences. IEEE sponsors several satellite seminars a year, as do many other organizations. The satellite setup will be available to other NCAR groups by arrangement.

Topics to be covered include software engineering, very large scale integration, design automation, personal computing, robotics, machine intelligence, and test technology. The conference will take place in the Main Seminar Room of the Mesa Lab from 9:30 a.m. to 2:30 p.m. For more information on the conference or use of the new satellite facility, contact Jim Weber at ext. 1251.

EAC Discounts

Listed below are some of the discounts arranged by the Employee Activities Committee (EAC). NCAR and the EAC do not endorse or recommend any company or service.

Pirate's Cove Beach Lodge in Dayton Beach Shores, Florida, offers rooms for $25 per night from now through 22 December and from 7 April through 22 June 1989. From 23 December to 6 April, rooms are $40 per night. Call 1-800-272-2683 and identify yourself as a member of the National Employee Services and Recreation Association.

Gumshoe, a detective spoof, is now playing at the Heritage Square Music Hall in Golden. Tickets for dinner and the show or for the show only are discounted to members of the Denver Area Employee Services and Recreation Association through November. Call 279-7800 for information.

New Staff

Mary Mintz, administrative secretary with the Unidata Project Office. East Park room 117, ext. 8644.

Selena Slyter, administrative secretary with the Atmospheric Chemistry Division. ML room 040, ext. 1414.

Farewell Party for Sarah Hawkins

The UCAR Office for Interdisciplinary Earth Studies (OIES) is holding a good-bye party for their administrative assistant, Sarah Hawkins, on Monday, 26 September, from 4:00 to 5:30 p.m. The party will be held at the OIES office in the Mesa Building, 4747 Table Mesa Dr., Suite 201. All of Sarah's friends are invited.

Visitors


—Walter Dabberdt, Atmospheric Technology Division


—John Firor, Advanced Study Program
NEED STATE OF THE ART PRODUCTS? THE LIBRARY CAN HELP!

Fall is a time for the start of new ventures. If you are a part of that spirit, perhaps a new product is in your plans. Maybe you’re looking for state of the art computer or office equipment; or instrumentation for that projected experiment. Now the Library can provide you with the latest product information, through several online data bases.

Here are some of the files we can search, for that brand new item you need: One data base contains manufacturers’ news releases, describing their latest market entries. Another contains the newest federally developed technologies that have applications in the private sector. There’s a file of articles from 300 technology journals. And Consumer Reports are online. When only the latest thing will do, consult your online information specialist at ext. 1180.

* * * *

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

The following new acquisitions for the Mesa and branch libraries will be displayed in the Mesa Library September 22 through September 29. They may be reserved during display for subsequent checkout. NCAR staff located off the Mesa may borrow new books by checking the item(s) of interest below and sending this list to Gayl Gray. Reference material, however, does not circulate.

* * * NEW BOOKS * * *

** HOW TO WRITE PAPERS AND REPORTS ABOUT COMPUTER TECHNOLOGY. Sides, C H, 1984. QA76.8 I2594H365 1988 
** HAMILTONIAN STRUCTURE AND LYAPUNOV STABILITY FOR IDEAL CONTINUUM DYNAMICS. Holm, D D, Marsden, J E, 1986. QA808.2 H65 1986 c.2 in RL6 
** FUNDAMENTALS OF METEOROLOGY. Battan, L J, 1984. QC861.2 B38 1984 c.2 in RL6 
** ANALOG METHODS FOR COMPUTER-AIDED CIRCUIT ANALYSIS AND DIAGNOSIS. Ozawa, T, ed., 1988. TK5102.5 N49 1988 in RL3*
**NEW TECHNICAL REPORTS**

**Atmospheric Science:**
- Environmental Science:
- General Publications:
- Mathematics, Computer Science:
- Oceanography:
- Physics:
**ADMINISTRATIVE SECRETARY - #0972**

UCAR - Office for Interdisciplinary Earth Studies (OIES)
Non-exempt Range: 27, $1,428 - 1,855/mo
**DUTIES INCLUDE:** Prepares drafts and final copies of forms, memoranda, correspondence, and reports; composes letters and memoranda for own and others' signatures; assists in coordinating arrangements for meetings and workshops; maintains files and records; makes travel arrangements; maintains office supplies; provides support for major mailings; answers telephones; sorts mail; photocopies; and performs data entry.

**REQUIREMENTS INCLUDE:**
-- Demonstrated skill in word processing and in learning new systems
-- Skill in typing approximately 60 wpm
-- Skill in proofreading and editing materials for readability, consistency, grammar, spelling, and punctuation
-- Skill in coordinating travel arrangements
-- Skill in coordinating and prioritizing tasks for completion under strict deadlines
-- Skill in handling confidential information with professional judgement and discretion
-- Skill in dealing with persons at all levels of an organization professionally and tactfully
-- Willingness to travel as needed
-- Interest in the general concept of interdisciplinary earth studies

Becky Campbell

**ADMINISTRATIVE SECRETARY - #0973**

UCAR - Office of External Relations
Non-exempt Range: 27, $1,428 - 1,855/mo
**DUTIES INCLUDE:** Prepares drafts and final copy of forms, memoranda, correspondence, and reports, ensuring adherence to publication standards and formats; composes letters and memoranda for own and others' signatures; assists in coordinating arrangements for meetings and workshops; maintains files and records; makes travel arrangements; takes meeting minutes; monitors office budget; maintains office supplies; answers telephones; sorts mail; photocopies; and performs data entry.

**REQUIREMENTS INCLUDE:**
-- Demonstrated skill in technical word processing
-- Skill in proofreading and editing materials for readability, consistency, grammar, spelling, and punctuation
-- Skill in monitoring budgets
-- Skill in coordinating travel arrangements
-- Skill in handling confidential information with professional judgement and discretion
-- Skill in dealing with persons at all levels of an organization professionally and tactfully

Becky Campbell

**INTELLECTUAL PROPERTY SPECIALIST - #0979**

This position is open to UCAR/NCAR employees only.

**DIR - Contracts**
Exempt Range: 59, $3,080 - 4,620/mo
**DUTIES INCLUDE:** Implements the UCAR Intellectual Property Policy (IPP). Reviews inventions, software, technology, and other intellectual property disclosures; establishes UCAR/NCAR rights in intellectual property; reviews, negotiates, and drafts license agreements;
and prepares/processes patent applications and/or copyright registrations. Serves as the principal negotiator of terms and conditions of intellectual property agreements with industry and research organizations with whom UCAR is entering into joint venture or other arrangements.

REQUIREMENTS INCLUDE:
-- Demonstrated skill in structuring and negotiating complex license agreements
-- In-depth knowledge of FAR restrictions on use and disclosure of data
-- Skill in solving complex license problems regarding ownership rights of data, license fees, warranty issues and indemnification provisions
-- Working knowledge of Department of Commerce export regulations
-- Willingness to travel as needed

Becky Foco

RECEPTIONIST - #0971

DIR - Administration
Non-exempt Range: 24, $1,088 - 1,413/mo
HOURS: 7:30 a.m. to 4:00 p.m.
DUTIES INCLUDE: Responds to emergency calls and alarms; operates two-way radio and paging system; maintains list of emergency contacts; operates key control and door access card systems for all sites; issues and logs NCAR car stickers; directs visitors; sells items for Employee Activity Committee; operates office equipment; bills for telexes and cables; assings shower, locker, and other keys; takes messages for visitors; answers telephones; operates lost and found service; dispenses employee benefits forms and schedules; receives deliveries; types for Security Supervisor; and files.

REQUIREMENTS INCLUDE:
-- Skill in operating office and communication equipment
-- Skill in typing approximately 40 wpm
-- Skill in greeting visitors and in dealing with emergency situations

Becky Campbell

INTERNSHIPS

UCAR is in a position to train a limited number of people for entry level positions. The purpose of the Intern Program is to train persons from affected classes (minorities, women, the disabled, Vietnam era veterans, and special disabled veterans) in positions which traditionally have been occupied by others. The following positions have terms of up to one year.

*ENGINEER INTERN - #0969*

ATD - Research Aviation Facility
Exempt Range: 53, $2,000 - 3,000/mo
DUTIES INCLUDE: Aids in the design of analog and digital circuits for conditioning electronic signals from aircraft mounted sensors. Assists in the design of aircraft instrumentation and data processing hardware and software. Assists in instrument enhancement including design changes, testing, maintenance, and calibration.

REQUIREMENTS INCLUDE:
-- B.S. in electrical engineering or physics
-- Knowledge of analog and digital circuitry
-- Skill in software applications, such as FORTRAN, C, Pascal, and microprocessor languages
-- Skill in the operation of electronic test equipment such as oscilloscopes and spectrum analyzers
-- Skill in providing accurate documentation of development projects

Debi Koepke

*PROGRAMMER INTERN - #0970*

HAO - Research Support
Exempt Range: 53, $2,000 - 3,000/mo
DUTIES INCLUDE: Receives data tapes from the solar-stellar spectrophotometer (SSS) field observatory, stages datasets to the mass store, submits routine processing jobs to the CRAY, reviews the output of those jobs, maintains records of data received and processed, documents dataset errors and software problems, and permanently archives the datasets. Modifies the processing code and JCL, adds graphical outputs to existing codes, and writes analysis programs for project scientists.

REQUIREMENTS INCLUDE:
-- B.S. in computer science, a physical science, or the equivalent combination of education and experience
-- Skill in programming in FORTRAN and/or C

Becky Foco

*WRITER/EDITOR INTERN - #0975*

DIR - Information Services
Exempt Range: 50, $1,606 - 2,410/mo
DUTIES INCLUDE: Copy-edits text and illustrations. Writes nontechnical and other less complex articles for various publications. Does production on Staff Notes and the UCAR Newsletter.
REQUIREMENTS INCLUDE:
-- Knowledge of the editorial process, and familiarity with standard editorial references
-- Basic knowledge of the terminology in the physical sciences and skill in absorbing and using new terminology and information
-- Well-developed language skills: sensitivity to nuances of language, knowledge of and attention to the precise meanings of words, skill in recognizing good style and clarity in the writing of others
Becky Foco

PART TIME

*ARCHIVIST/RECORDS MANAGER #0976*

DIR - Archives
Exempt Range: 54, $1,073 - 1,610/mo
HOURS: 20/week
DUTIES INCLUDE: Develops, directs, and administers the Archives and Records Management Program for NCAR. Formulates and implements policies and procedures related to the program including ensuring proper record retention, retrieval, circulation, safety, and confidentiality. Develops criteria for evaluating records. Manages UCAR/NCAR Oral History Project.
REQUIREMENTS INCLUDE:
-- Masters degree in library or information science, archival management, history, or related field OR the equivalent combination of education and experience
-- Knowledge of records and archival management
-- Knowledge of professional standards for ensuring records preservation
-- Demonstrated skill in using personal computers and data base management
-- Physical ability to lift boxes of records of approximately 40-60 pounds and to work with dusty materials
Becky Foco

*CUSTODIAN - #0978*

DIR - Custodial Services
Non-exempt Range: 25, $598 - 777/mo
HOURS: 20/week, early mornings
DUTIES INCLUDE: Cleans restrooms at NCAR facilities in the Boulder area and maintains custodial closet, equipment, and supplies.
REQUIREMENTS INCLUDE:
-- Skill in understanding, remembering, and following detailed oral and written procedures
-- Physical ability to lift a 5-gallon bucket of wax or water, and to maneuver trash carts through the buildings
-- Willingness and ability to get to work at 6:00 a.m. in order to receive daily assignments
Becky Campbell

STUDENT ASSISTANTS

All student assistants must be enrolled for credit in an accredited secondary or post secondary school, college or university; or in a trade school which has received a Certificate of Approval from the Colorado State Board for Community Colleges and Occupational Education and must be able to work up to 20 hours/week during periods school is in session, and full-time during breaks.

STUDENT ASSISTANT II - #0968

CGD - Climate Modeling Section
Flat Rate: $7.35/hr
DUTIES INCLUDE: Maintains and extends a library of computer programs associated with models of the global atmosphere; uses, modifies, and documents data analysis and graphics programs; and uses SUN workstations to prepare and submit jobs to the CRAY computers and for local program development and execution.
REQUIREMENTS INCLUDE:
-- Strong interest in physical sciences, mathematics or computer science as evidenced by course selection
-- Skill in FORTRAN programming
-- Studies at the university junior level or higher
Becky Campbell
ATTENTION STUDENTS

*STUDENT ASSISTANT II - #0977*

MMM - Mesoscale Prediction Section
Flat Rate: $7.35/hr
DUTIES INCLUDE: Maintains, operates, and assists in developing computer programs for model runs and history file storage; creates and maintains programs for display of model data; and develops and tests interactive graphics.
REQUIREMENTS INCLUDE:
- Skill in submitting computer programs
- Skill in programming in FORTRAN
- Skill in working independently
Becky Campbell

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.

**ELECTRICAL ENGINEER III - #0959**
ATD - Remote Sensing Group
Exempt Range: 58, $2,867 - 4,300/mo
Date first published in "Job Openings:" August 10, 1988

**ELECTRO-MECHANICAL TECHNICIAN III - #0958**
ATD - Field Observing Facility, Remote Sensing Group
Non-exempt Range: 31, $2,074 - 2,693/mo
Date first published in "Job Openings:" August 10, 1988

**HUMAN RESOURCES MANAGER - #0938**
DIR - Personnel/EOP
Exempt Range: 58, $2,867 - 4,300/mo
Date first published in "Job Openings:" July 6, 1988

**MASTER TECHNICIAN - #0957**
ATD - Field Observing Facility, Remote Sensing Group
Exempt Range: 56, $2,480 - 3,720/mo
Date first published in "Job Openings:" August 10, 1988

**SCIENTIFIC APPLICATIONS PROGRAMMER III OR IV - #0966**
CGD - Climate Modeling Section
Exempt Range: 58, $2,867 - 4,300/mo
60, $3,313 - 4,970/mo
Date first published in "Job Openings:" August 24, 1988

**STUDENT ASSISTANTS**

**STUDENT ASSISTANT II - #0967**
ATD - Research Applications Program
Flat Rate: $7.35/hr
Date first published in "Job Openings:" September 7, 1988

**STUDENT ASSISTANT II or III - #0923**
SCD - Distributed Computing Section
Flat rate: $7.35/hr
$10.10/hr
Date first published in "Job Openings:" August 31, 1988

**SECURITY GUARDS - #0964, 0965**
DIR - Security Services
Non-exempt Range: 25, $6.90 - 8.96/hr
HOURS: 0 - 40, on call
Date first published in "Job Openings:" August 24, 1988

**STAFF SCIENTIST - #0899**
UCAR - Office of Interdisciplinary Earth Studies (OIES)
Exempt Range: 60, $3,313 - 4,970/mo
Date first published in "Job Openings:" March 30, 1988

**STATIONARY ENGINEER - #0962**
DIR - Facilities Services/Support
Non-exempt Range: 32, $2,284 - 2,966/mo
Date first published in "Job Openings:" August 24, 1988

**PART-TIME**

**SECURITY GUARDS - #0964, 0965**
DIR - Security Services
Non-exempt Range: 25, $6.90 - 8.96/hr
HOURS: 0 - 40, on call
Date first published in "Job Openings:" August 24, 1988

**STUDENT ASSISTANTS**

**STUDENT ASSISTANT II or III - #0923**
SCD - Distributed Computing Section
Flat rate: $7.35/hr
$10.10/hr
Date first published in "Job Openings:" August 31, 1988

**STUDENT ASSISTANT II - #0967**
ATD - Research Applications Program
Flat Rate: $7.35/hr
Date first published in "Job Openings:" September 7, 1988
INO

The Institute for Naval Oceanography (INO), located near Bay Saint Louis, Mississippi, 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 and the global ocean. There is also a strong interest in ocean-acoustic model coupling, both for forward and inverse problems.

INO is currently seeking research scientists and support scientists at all levels. To apply for any of these positions, submit your resume and the names of three individuals willing to provide references to Newton Spitzfaden, Personnel Specialist, INO, Building 1103, Room 233, Stennis Space Center, MS 39529-5005, or call (601) 688-5737 for additional information about these or other opportunities at INO.

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

26 SEPTEMBER THROUGH 3 OCTOBER

MONDAY, 26 September
- ATD Seminar -- Model Based Computer Vision for Robot Planning -- Mike Magee, University of Wyoming, Laramie
  9:00 a.m.
  RL-6, Main Seminar Room, W-179
- ACD Seminar -- Atmospheric Oxidation of Methyl Sulfide Radical -- Geoff Tyndall, NOAA, Boulder
  2:00 p.m.
  NCAR Mesa Lab, Main Seminar Room

TUESDAY, 27 September
- CGD Seminar -- Planetary Waves Kinematically Forced by Himalayan Orography -- Kevin Trenberth, CGD
  3:30 p.m.
  NCAR Mesa Lab, Main Seminar Room

WEDNESDAY, 28 September
- ATD Seminar -- Detection of Aircraft Icing Conditions with a Surface Radiometer -- Erwin Prater, University of Wyoming, Laramie
  9:30 a.m.
  RL-6, Main Seminar Room, W-179
- GTP Seminar -- Two-Dimensional Turbulence in Spherical Geometry: Recent Numerical Results -- Joseph Tribbia, CGD
  3:30 p.m.
  RL-6, Main Seminar Room, W-179

THURSDAY, 29 September
- HAO Seminar -- Plasma Processes at Cometary Bow Waves -- Peter Cargill, University of Maryland
  10:30 a.m.
  NCAR Mesa Lab, Main Seminar Room

(Thursday, 29 September, continued)
- MMM Seminar -- Rocky Mountain Highs and Rocky Mountain Lows: Studies of Lee Cyclogenesis -- John Clark, Penn State, State College, PA
  3:30 p.m.
  RL-6, Main Seminar Room, W-179

FRIDAY, 30 September
OPEN

MONDAY, 3 October
- HAO Seminar -- Solar and Geomagnetic Activity in the Past 500,000 Years -- Grant Kocharov, A.F. Ioffe Physical-Technical Institute, Academy of Sciences of the USSR, Leningrad
  10:30 a.m.
  NCAR Mesa Lab, Main Seminar Room

Calendar Note’s 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.