

COAA e-News. Issue 17. March 31, 2005

(Back issues can be found in COAA web page: <http://www.coaaweb.org>)

Published by the Chinese-American Oceanic and Atmospheric Association
P.O. Box 4948, Silver Spring, Maryland 20914-4948, USA

Members please submit news to coaanews@coaaweb.org to be published in future COAA e-News.

Some examples of news items are:

Meeting/conference report/announcement;
Research work/activity;
Honors/Award /research grant;
Promotion/graduation/change of position;
/employment/sabbatical;
Latest publication/abstract;
Job/research grant opportunity;
Visit/exchange/collaboration;
New member;
Community outreach;
Social event;



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(0) From president of COAA

Message from COAA President

Dear members and colleagues,

I urge your participation in the upcoming COAA Spring workshop to be held Saturday, April 16, 1-5 pm at the University of Maryland, College Park Campus, which will be followed by dinner at the nearby Seven Seas Restaurant. The theme of the workshop is "Interaction with Program Managers." The Program Chairs and board members have worked hard to put together a good program. Four program managers from NASA, NOAA and NSF will present their programs, and it is a good opportunity to present your research works and to discuss with them.

The workshop on Meteorological Administration and Emergency Response, cosponsored with the delegate of Chinese Meteorological Administrators (CMA) and Culture-to-culture (CTC), originally scheduled for April 9, is now postponed to Monday, May 30, the memorial weekend. I want to express my sincere thanks to Ms. Sheri Yi of CTC who help organize the meeting and CTC for graciously contributing to lunch for all COAA participants. The delegate expressed a strong interest to meet with our community. I hope you can make it to the workshop, despite the memorial weekend.

I had the good fortune to attend the retirement party of Dr. Yu Tsann-Wang. The party was well organized, thanks to Dr. Eddie Shih. It was attended by a number of COAA members, including a number of past presidents and board members. All spoke enthusiastically about Dr. Yu's accomplishments, his

character, and his willingness to help others. They also spoke of the early days of COAA, memorabilia such as how they design the COAA pin. I was touched by the hard work and dedication that they put in to making COAA it is today. It is therefore incumbent upon all of us to continue the work and I hope you can all continue to contribute generously to the causes of COAA. The success and survival of COAA depends on your participation!

To continue the legacy, and to claim our rightful standing in our fields, the board has embarked on a project to document the contributions and accomplishments of Chinese-Americans and oversea Chinese in the oceanic, atmospheric and related fields. A committee has been formed, consisting of Drs. Menglin Jin, Fung-chi Ko, Dalin Zhang, Long Chiu and Dr. Zhanqing Li, who serves as the committee Chair. The need of such a project has been echoed by many previous presidents. We are trying to recruit one or two motivated college students, through a summer scholarship/internship program to study the contributions and accomplishments, such as publications, patents, project participation and management, tenure professorship, chairs, fellowship in internationally recognized academic and industrial societies. The findings will be presented at a public forum, such as the Fall AGU, and published. We have secure some seed money for this relatively large project for COAA. Your contribution, both financial and technical, are most appreciated. This is a good opportunity for the participation of the next generation COAA members and therefore children of COAA members are especially encouraged to apply.

I look forward to seeing you at the April 16 workshop!

(1) From COAA board members

Dear COAA members:

COAA is growing: its membership has reached to more than 300 well-established scientists around the world; COAA has established sister-association relationship with Chinese Meteorological Society (CMS) and Chinese Society of Ocean and Limnology (CSOL); COAA is more and more frequently sponsoring international conferences ("COAA2006, Qingdao, China" might be around the corner); and ...

To further promote the name of COAA to science and technology community in large, the current COAA board decided to establish a standard database of "slide show" about COAA and COAA members such as major activities, significant contributions to science, technology and society, prestigious awards and achievements and whatever you think worthwhile. We are now asking for your contributions. If you would like your work or whatever to be included as part of this database, please provide 1-2 electronical slides to COAA publicity director Dr. Fung-Chi Ko (ko@cbl.umces.edu) as early as you can. Your contribution will be a great help to start this project.

Thank You!

COAA Board2005

(2) Welcome new members

Start from issue #15 (January 2005), we welcome our new members who join recently. We would like to ask new-member to say something to our members in terms of yourself. If you think you are a new member but not been listed here, please email to let us know.

(3) Community News

Retirement Party for Dr. Tsann-Wang Yu

(by Eddie Shih)

A dinner party was organized by COAA on February 26, 2005 at Tony Lin's Restaurant in Rockville, Maryland for Dr. Tsann-Wang Yu, COAA past president 1997-1998. Retiring from NOAA/NWS/National

Centers for Environmental Prediction (NCEP)/Ocean Modeling Branch, after over 29 years of service, he is to start a new adventure at the NOAA funded Atmospheric Sciences Cooperative Science Center at Howard University, Washington, D.C. as a Distinguished Scholar.

Many friends, colleagues and COAA members attended the party. Notably, loyal members retired last year, Dr. Ming-Dah Chou (retired from NASA, currently with National Taiwan University) and Dr. and Mrs. Jye Chen (retired from NOAA). Other COAA members presented included Dr. Long Chiu (COAA president), H.P. Pao and his wife, Paul Hwang and his wife, Eddie Shih and his wife, Hsun-Shan Chen and Xianhe Cao. Stella Wang, Yeena Liu, and Ching-Sung Chin, COAA friends who had served with Tsann-Wang at the National Taiwan University Alumni Association (NTUAA) of Maryland during 2002 were also in attendance (see photo).

On behalf of COAA, Long Chiu presented to Dr. Yu a congratulatory card signed by all attendees. Eddie talked about some of Dr. Yu's contributions to COAA and NTUAA, and his various talents and interests, including sports, languages, the GO game and Chinese calligraphy. Eddie presented Tsann-Wang a framed photo of COAA as a memento. Praises and fond memories were offered by others including Prof. Pao, Paul Hwang, Ming-Dah Chou, Jye Chen, Xianhe Cao, Hsuan-Shan Chen, Stella Wang, Yeena Liu, and Ching-Sung Chin.

The food was great and the atmosphere was merry. This gathering lasted for more than three hours. We, including those who could not come to the party due to other engagement, all wish Dr. Yu a happy retirement (from NOAA) and much success in his new endeavor.

Our thanks to Jun Du (secretary) and Fung-Chi Ko (Publicity) for their help in setting up this wonderful occasion.

<Following is from Dr. Yu's retirement party>



(4) Professional meeting announcements

CITSA '05/ISAS '05

On behalf of the CITSA '05/ISAS '05 Organizing Committee, I would like to invite you to participate in the 11th International Conference on Information Systems Analysis and Synthesis: ISAS '05 and 2nd International Conference on Cybernetics and Information Technologies, Systems and Applications: CITSA '05: (<http://www.infocybernetics.org/citsa2005/>), which will be held in Orlando, Florida, USA, on July 14-17, 2005.

We are emphasizing the area of Information Technologies and Computing which is related to your specific area.

You can participate submitting a paper or organizing an invited session. Invited sessions organizers have the autonomy in promoting their sessions, reviewing the papers collected by them, appointing the possible additional reviewers for the session papers, accepting invited papers or talks (i.e. non reviewed papers), chairing their respective session(s) and appointing their co-organizer and/or co-chair.

Important Dates:

Paper Submission: March 23rd

Invited Sessions Proposal: March 23rd

Notification of Acceptance: April 22nd.

Final Camera Ready Manuscript due: May 18th.

Therefore, I would like you to consider the possibility of participating in CITSA '05/ISAS '05 presenting a paper in the area of your research interest, or organizing an invited session.

If you are also interested in organizing an invited session, you can fill the respective form provided in the conference web page at: (<http://www.infocybernetics.org/citsa2005/InvitedSession/organizer.asp>), and we will send you a password, so you can include and modify papers in your invited session.

You can get the conference's Call for papers in:
(<http://www.infocybernetics.org/citsa2005/website/callforpapers.asp>).

We are looking forward to meeting you at CITSA '05/ISAS '05 conference, in Orlando.

Sincerely,

Prof. José Aguilar
CITSA '05-ISAS '05 General Chair

World Weather Research Program Symposium on Nowcasting and Very Short Range Forecasting

TOULOUSE FRANCE, 5-9 SEPTEMBER 2005

We are pleased to announce that registration for the WWRP Symposium on Nowcasting and Very Short Range Forecasting is now open at:

<http://www.meteo.fr/cic/wsn05/>

**The deadline for submission of Short Abstracts is April 1, 2005,
(not April 30th as listed in the AMS Bulletin and on their website).**

We are also pleased to announce our list of Invited Speakers.

Keith Browning - Reading University, UK (Nowcasting)
Izstar Zadwaski - McGill University, Canada, (Nowcasting)
Francois Bouttier - Meteo-France, France, (Data Assimilation)
Beth Ebert - BMRC, Australia (Verification)
Roman Krzysztofowicz University of Virginia, USA (Hydrology)
Brian Golding - UK Met Office, UK, (Short term forecasting)
Ko Koizumi - Japanese Meteorological Agency, (Short Range NWP)
Jeff Lazo - NCAR, USA, (Societal Impacts)
Willi Schmid - ETH, Switzerland (Road weather forecasting)
Alan Seed - BMRC, Australia (Nowcasting)
Silas Chr.Michaelides, Cyprus (Ceiling and low visibility)

Papers are solicited in all areas of nowcasting and very short range forecasting (0 - 6 hour timeframe). Especially encouraged are submission of papers for the following sessions:

- (1) Observational needs for improving very short range forecasts;
- (2) Nowcasting techniques;
- (3) High resolution NWP
- (4) Basic understanding of mesoscale dynamics in 0-6 hour timeframe
- (5) Data Assimilation
- (6) Operational systems and the role of the human
- (7) Verification – procedures and results
- (8) Applications
- (9) Societal Impacts and user needs.

Please note that some limited WMO funds are available to provide partial support to a few participants from developing countries that have provided high-quality short abstracts of their intended oral or poster presentations by the specified deadline. More details can be found in the registration section of the Website.

General enquiries should be sent to either:

Andrew Crook (crook@ucar.edu) Chair of Scientific Organizing Committee or
Stéphane Sénési (Stephane.Senesi@meteo.fr) Chair of the Local Organizing Committee.

COAA Spring Workshop

ABSTRACT DEADLINE: **April 1, 2005** (email to contact person listed below)

TIME **April 16th 2005, 1:00pm – 5:00pm**
Followed by a dinner at Seven-Sea Restaurant, College Park
(~\$15/person)

LOCATION Room 2400 (Seminar room)
3431 CSS Building
Department of Meteorology
University of Maryland, College Park
<http://www.atmos.umd.edu/~seminar/directions.htm> for direction. Parking is free on
Saturday.

STYLE Both oral and poster presentations are solicited. Poster presentations are especially encouraged and will be given a five-minute oral summary. Please specify your preference.

INVITED SPEAKERS (Program Managers)

Dr. Tsengdar Lee
Program Manager
Research Division
NASA Office of Earth Science

Dr. Marshall Lih, TRP MET Team Leader
Director, Engineering Education and Centers Division
Directorate for Engineering
National Science Foundation

Dr. Steve Tracton
Program Manager
Ocean, Atmosphere and Space (OAS)
Office of Navy Research

CONTACT PERSON

Dr. Menglin Jin, COAA Program Director for Oceans, mjin@atmos.umd.edu, 301-405-8833
Dr. Zhanqing Li, COAA Program Director for Atmos., zli@atmos.umd.edu, 301-405-6699

Announcement of NOAA's 30th Annual Climate Diagnostics and Prediction Workshop

NOAA's 30th Climate Diagnostics and Prediction Workshop will be held October 24-28, 2005 at the Nittany Lion Inn, State College, Pennsylvania. The Workshop is co-hosted by the Climate Prediction Center of the National Centers for Environmental Prediction (NCEP)/NOAA, Camp Springs, MD, and the Department of Meteorology of the Pennsylvania State University. The American Meteorological Society is a cooperating sponsor.

As always, the Workshop will also provide an opportunity for participants to exchange information, ideas, and opinions. This year's Workshop will focus on the following topics:

- Review and assessment of recent climate anomalies.
- Observed and predicted climate variability in Alaska and adjacent regions.
- Ocean-land-atmosphere prediction accuracy and impacts.
- Role of North Atlantic cyclones (tropical and extra-tropical) in global climate.
- North American Monsoon Experiment (NAME) field campaign results.
- Theoretical and practical predictability of the land, ocean, atmosphere system.
- Long-term climate variability.

- Impact of a changing climate on predictions.

In addition, on 27-28 October the Workshop will feature several sessions summarizing activities of interest to the NOAA Climate Test Bed, including climate model assessments, multi-model ensembles and climate products and applications.

While the majority of presentations will be posters, the Workshop will feature oral sessions consisting of selected presentations with ample time for discussion. A web site for the Workshop will be linked through as <http://www.cpc.ncep.noaa.gov/products/outreach/CDPW30.html>.

Please send your abstracts to NCEP.CDWorkshop@noaa.gov. Include title, author(s), affiliation(s), abstract, e-mail address, phone and fax numbers, and preference for poster or oral presentation. However, remember that most papers will be included in the poster sessions. Deadline for submissions is 8 July 2005.

Grid 2005 - 6th IEEE/ACM International Workshop on Grid Computing (held in conjunction with SC05)

November 14, 2005, Seattle, Washington, USA

<http://pat.jpl.nasa.gov/public/grid2005/>
<http://www.gridcomputing.org/>

General Information

In the last few years, the Grid community has been growing very rapidly and many new technologies and components have been proposed. This, along with the growing popularity of web-based technologies, and the availability of cheap commodity components is changing the way we do computing and business. There are now many ongoing grid projects with research and production-oriented goals.

Grid 2005 is an international meeting that brings together a community of researchers, developers, practitioners, and users involved with the Grid. The objective of Grid 2005 is to serve as a forum to present current and emerging work as well as to exchange research ideas in this field.

The previous events in this series were: Grid 2000, Bangalore, India; Grid 2001, Denver; Grid 2002, Baltimore; Grid 2003, Phoenix; and Grid 2004, Pittsburgh. All of these events have been successful in attracting high quality papers and a wide international participation. Last year's event attracted about 400 registered participants.

The proceedings of the first three workshops were published by Springer-Verlag, and the proceedings of the two most recent workshops were published by the IEEE Computer Society Press. We expect this year's proceedings will join those of the last two years in the IEEE Computer Society's Digital Library.

Grid 2005 topics of interest (in no particular order) include, but are not limited to:

- * Internet-based Computing Models
- * Grid Applications, including eScience and eBusiness Applications
- * Data Grids, including Distributed Data Access and Management
- * Grid Middleware and Toolkits
- * Grid Monitoring, Management and Organization Tools
- * Resource Management and Scheduling
- * Networking
- * Virtual Instrumentation
- * Grid Object Metadata and Schemas
- * Creation and Management of Virtual Enterprises and Organizations
- * Grid Architectures and Fabrics

- * Grid Information Services
- * Grid Security Issues
- * Programming Models, Tools, and Environments
- * Grid Economy
- * Autonomic and Utility Computing on Global Grids
- * Performance Evaluation and Modeling
- * Cluster and Grid Integration Issues
- * Scientific, Industrial and Social Implications

Important Dates

27 May 2005 Full paper submission due
 29 July 2005 Acceptance notification
 19 August 2005 Camera-ready copy due
 14 November 2005 Workshop
 27 January 2006 Extended versions of best 6-8 papers due
 Fall 2006 Grid 2005 special issue of IJHPCN (Issue 3 of 2006)

Paper Submission and Publication

Grid 2005 invites authors to submit original and unpublished work (also not submitted elsewhere for review) reporting solid and innovative results in any aspect of grid computing and its applications. Papers should not exceed 8 single-spaced pages of text using 10-point size type on 8.5 x 11 inch paper (see IEEE author instructions at <http://www.computer.org/cspress/instruct.htm>). All bibliographical references, tables, and figures must be included in these 8 pages. Submissions that exceed the 8-page limit will not be reviewed. Authors should submit a PDF file that will print on a PostScript printer. Electronic submission is required. The URL of the site for submission will be listed on the workshop website. Submission implies the willingness of at least one of the authors to register and present the paper.

Proceedings: All papers selected for this workshop are peer-reviewed and will be published as a separate proceedings. After the event, the papers will be published in IEEE Xplore and in the CS digital library.

Special Issue: The best 6 to 8 papers from the workshop will be selected for journal length extension and their publication in a special issue of International Journal of High Performance Computing and Networking (IJHPCN). The special issue is expected to be published in Fall 2006 as issue 3 of 2006.

Conference Organization

General Chair: Wolfgang Gentzsch, MCNC, USA

Program Chair: Daniel S. Katz, JPL/Caltech, USA

Program Vice Chairs:

- * Applications: Alan Sussman, University of Maryland, USA
- * Data grids: Heinz Stockinger, University of Vienna, Austria
- * Networking/Security/Infrastructure: Olle Mulmo, Royal Institute of Technology (KTH), Sweden
- * Scheduling/Resource management: Henri Casanova, UCSD, USA
- * Tools/Software/Middleware: Jennifer Schopf, National e-Science Centre/Argonne National Lab, UK/US

Publicity Chair: Cho-Li Wang, University of Hong Kong, China

Proceedings Chair: Joseph C. Jacob, JPL/Caltech, USA

Program Committee: being determined, see web site for updates

Steering Committee:

- * Mark Baker, University of Portsmouth, UK
- * Rajkumar Buyya, University of Melbourne, Australia
- * Craig Lee, Aerospace Corp., USA
- * Manish Parashar, Rutgers University, USA
- * Heinz Stockinger, University of Vienna, Austria

Contact

For further information on Grid 2005, please contact the Program Chair: Daniel S. Katz - d.katz@ieee.org

Details of following meeting announcements are listed in previous issues in 2005, please check coaaweb.

**Regional Climate Modeling Workshop,
22-23 March 2005**

A new website for the Regional Climate Modeling Workshop. <http://box.mmm.ucar.edu/events/rcm05/>
<details please see issue #16 February 2005 at <http://www.coaaweb.org> >

IAMAS2005 reminder --Abstract Submission Deadline: February 25, 2005

(<http://www.iamas2005.com>).
<details please see issue #16 February 2005 at <http://www.coaaweb.org> >

EastFIRE Conference

May 11-13, 2005 at George Mason University, Fairfax, VA.

<details please see issue #15 January 2005 at <http://www.coaaweb.org> >

AGU Spring Meeting, Joint Assembly 2005 in New Orleans, LA, May 23-27 2005

A02: Microphysical Processes in Cloud Resolving, Numerical Weather Prediction, and Climate Models

< detail in issue #15 January 2005 at <http://www.coaaweb.org> >

**The Asia Oceania Geosciences Society's 2nd Annual Meeting
Singapore, 20 to 24 June 2005.**

<details please see issue #15 January 2005 at <http://www.coaaweb.org> >

The 6th International RSM workshop – First Announcement

International Research Institute for Climate Prediction
Palisades, NY
July 11-15, 2005

<http://ecpc.ucsd.edu/projects/RSM/RSM2005/>
< details please see issue #15 January 2005 at <http://www.coaaweb.org> >

IMAS Meeting – Second Announcement

9th Scientific Assembly of the International Association of Meteorology and Atmospheric Sciences (IAMAS)

of the International Union of Geodesy and Geophysics (IUGG) Beijing, China, August 2-11, 2005
PAGES' 2nd Open Science Meeting August 10-12, 2005

<http://www.iamas2005.com> and <http://web.lasg.ac.cn/IAMAS2005>
< details please see issue #15 January 2005 at <http://www.coaaweb.org> >

**Sixth International Workshop on
Advanced Parallel Processing Technologies (APPT 2005)**

27/28 Oct. 2005, Hong Kong, China
<http://www.comp.polyu.edu.hk/APPT05>

< details please see issue #15 January 2005 at <http://www.coaaweb.org> >

**The 8th International Conference and Exhibition on
High-Performance Computing in Asia-Pacific Region**

November 30-December 3, 2005, Beijing, China

<http://www.ict.ac.cn/hpcasia2005>

< details please see issue #15 January 2005 at <http://www.coaaweb.org> >

(5) Jobs opportunities

COAA Job Service Desk provide our member the following information ----

Physical Scientist:

Experience in microwave remote sensing data, NCEP 3D Var system, and WRF model. Strong background in radiative transfer modeling and data assimilation including 1D-VAR (variational retrieval processing) and 3D-VAR for multi-sensor retrieval of boundary layer/near surface physical parameters.

Atmospheric Scientist:

Experience in atmospheric radiative transfer model and retrieval algorithm development of atmosphere temperature, moisture, and trace gases (including carbon monoxide, carbon dioxide, and methane) from space-based hyperspectral infrared sounder missions (such as AIRS, IASI).

Calibration Scientist:

Experience in atmospheric radiative transfer and analyzing the radiometric and spectral calibration of radiometers, which are needed to evaluate the instrument performance of space-borne microwave sounders, imagers, and hyperspectral infrared sounders; decoding telemetry data, and analyzing pre- & post-launch instrument calibration data.

All three positions above require a Ph.D degree (or MS with experience) in Physical Science such as Physics, Atmospheric Science, or Remote Sensing. Strong computer programming skills in IDL and C or Fortran programming languages on Unix/Linux are required for processing satellite data. ERT is an equal opportunity employer. Salary is negotiable based on experience. Applicants should email their resume to:

Dorian L. Shuford
Earth Resources Technology, Inc.
8106 Stayton Drive
Jessup, MD 20794
(240) 554-0161 x3081

hr@ertcorp.com.

The following information is also online:

<http://www.caps.ou.edu/reu/application-fac.html>

**SUMMER RESEARCH OPPORTUNITY FOR FACULTY
National Weather Center
Research Experiences for Undergraduates Program
Summer 2005***

* faculty on quarter systems will be accommodated

APPLICATION / INFORMATION PACKET

** Two faculty positions available in Summer 2005**

INTRODUCTION:

The National Weather Center (nwc.ou.edu) Research Experiences for Undergraduates Program in Norman, Oklahoma invites faculty from outside institutions to join us to co-mentor a student in our REU program. The 10-week program will begin around Memorial Day. Faculty will be hired as an independent contractor to the University of Oklahoma under a total contract of \$17,000 to provide for salary, housing and travel to and from Norman, Oklahoma.

PURPOSE:

Many undergraduate students seek summer internships but not all are able to obtain one. For example, the National Weather Center REU program could only accept 10 of the 102 applications we received from undergraduate college students nationwide in 2003. Most of our applications come from students who are at schools that lack graduate programs in their major and therefore have little or no opportunity to be exposed to research. Students at larger schools have not usually had exposure to research since undergraduates are not generally seen as potential research project help. By extending the opportunity for faculty from colleges and universities nationwide to spend a summer with our REU program we seek to energize their career and provide networking opportunities for them and their students.

SCOPE:

The visiting faculty's primary responsibility is to co-mentor a student in our REU program on a project of mutual interest to them and a National Weather Center scientist. The project, including a paper and presentation on the work, must be completed by the student during the 10-week program. The remainder of the faculty's time may be spent pursuing their own research or collaborating on a project of mutual interest with someone in the NWC. The faculty will be expected to participate in certain REU activities including the welcome picnic and periodic lunch meetings where students practice presentations. Faculty will also be expected to provide a seminar on a research or subject topic of their choice and attend the students' final presentations. In addition to the end-of-summer presentation, students in the 2004 and 2005 programs will present their work at a national student or professional conference, such as the American Meteorological Society's annual student conference the following January. Faculty will be expected to help the student prepare for this additional presentation and networking opportunity. This preparation may take place during or after the program and is considered part of the contract.

ELIGIBILITY:

Faculty must be employed at an institution in meteorology or a related field, or in a field where research methodologies might apply to meteorological problems. They must work extensively with undergraduate students at their home institution and must be a US citizen or permanent resident. Applications from women and minorities are particularly encouraged. The University of Oklahoma is an Equal Opportunity, Affirmative action employer. Tenured, tenure-track, nontenured, and nontenure-track faculty are all welcome to apply.

TO APPLY:

To help faculty applicants improve their chances of success of being selected, we recommend calling the REU program director (Ph: 405-366-0468) to discuss strategies in preparing their application.

Send the following at your earliest convenience:

1. **Your full name**
2. **Your institutional affiliation and position** (include title, job duties, and number of years in this position)
3. **Your preferred mailing address, e-mail, and phone**
4. **A short narrative** on why you would like to be considered for this opportunity. Include the anticipated benefit to your own career, benefit to the undergraduate students at your home institution, and how this

collaboration will benefit the research you would like to do while in Norman.

5. **One or more potential project ideas** for the student you will co-mentor in our program. This will help us identify potential local co-mentors for you. If you have ideas on who you would like to collaborate with, please mention them and whether you have spoken with them about this opportunity.

6. **A list of your publications**

7. **A list of people** we may contact as references for you. Please include one (or more) name/title/phone number representing each of the following categories:

- a. a fellow teacher/peer at your home institution
- b. someone above you in your institution's hierarchy (such as your Department Chair, Dean, or President)
- c. a past or present student
- d. anyone who can comment on your teaching, mentoring, and research abilities

8. **Indicate if you are a US citizen or permanent resident**

9. **OPTIONAL** : Demographic information:

Race : Asian, Black, Native American/Alaska Native, Native Pacific Islander, Caucasian, Other

Ethnicity : Hispanic/Latino, Not Hispanic/Latino

Gender : Female, Male

Other : Disability, Veteran Status

Send to:

Daphne S. Zaras
National Weather Center REU
The University of Oklahoma
100 E. Boyd, Room 1110
Norman, Oklahoma 73019

If you have any questions or concerns, please contact Ms. Daphne Zaras:

Phone: 405-366-0468

E-mail: dzaras@ou.edu

These positions will remain open until filled.

The National Weather Center REU is funded by a grant from the National Science Foundation to the University of Oklahoma's Center for Analysis and Prediction of Storms. All institutions in the National Weather Center are Equal Opportunity, Affirmative Action Employers.

(6) Research proposal opportunity

Amendment No. 3 to the NASA Research Announcement (NRA) entitled "Research Opportunities in Space and Earth Sciences (ROSES) 2005," NNH05ZDA001N, Released January 28, 2005

On or about March 8, 2005, Amendment No. 3 to NASA Research Announcement "Research Opportunities in Space and Earth Sciences" (NNH05ZDA001N) will be posted on its home page Web site at <http://nspires.nasaprs.com/> (select "Solicitations" then "Open Solicitations" then "NNH05ZDA001N").

This amendment has two parts. (1) For the RXTE, GALEX, and FUSE Guest Observer/Guest Investigator program elements described in Appendices C.7, C.8, and C.9: Proposers from non-U.S. institutions to the RXTE, GALEX, and FUSE Guest Observer/Guest Investigator programs may optionally submit an electronic Notice of Intent (NOI) rather than an electronic Cover Page. This change only applies to proposers at foreign institutions submitting proposals that do not request funding. Further details and instructions are given in the amendment. (2) For only the GALEX Guest Investigator program element described in Appendix C.8, co-investigators on selected non-U.S. proposals will not be eligible for funding.

Further information about the RXTE Guest Observer program element is available from Dr. Alan P. Smale, Universe Division, Science Mission Directorate, NASA Headquarters, Washington, DC 20546-0001; Telephone: (202) 358-2016; E-mail: Alan.Smale@nasa.gov. Further information about the GALEX

Guest Investigator program element is available from Dr. Zlatan Tsvetanov, Universe Division, Science Mission Directorate, NASA Headquarters, Washington, DC 20546-0001; Telephone: (202) 358-0810; E-mail: Zlatan.Tsvetanov@nasa.gov. Further information about FUSE Guest Investigator program element is available from Dr. Hashima Hasan, Universe Division, Science Mission Directorate, NASA Headquarters, Washington, DC 20546-0001; Telephone: (202) 358-0692; E-mail: hhasan@nasa.gov.

Announcement of a Preproposal Conference for the NASA Interdisciplinary Exploration Science Program

CLARIFICATION TO THE NASA RESEARCH ANNOUNCEMENT (NRA) ENTITLED "RESEARCH OPPORTUNITIES IN SPACE AND EARTH SCIENCES (ROSES) 2005," NNH05ZDA001N, RELEASED JANUARY 28, 2005

A preproposal conference will be held on April 19, 2005, for the Interdisciplinary Exploration Science program described in Appendix D.2 of the NASA Research Announcement "Research Opportunities in Space and Earth Sciences" (NNH05ZDA001N). This conference will provide an opportunity for potential proposers to discuss the objectives of the Interdisciplinary Exploration Science Program with NASA. It will also provide potential proposers the opportunity to form collaborations. NASA personnel will be present to answer questions concerning the Interdisciplinary Exploration Science Program as well as the proposal submission, evaluation, and selection process that will be used to select proposals for funding within the Interdisciplinary Exploration Science Program.

During the preproposal conference, there will be time for any member of the NASA science community to present his/her comments on the notional research areas described in the solicitation, or on any other research area that addresses the objectives of the Interdisciplinary Exploration Science Program. Potential speakers should sign up during conference registration. Speakers will be limited to no more than 2 charts (viewgraphs suitable for an overhead projector only, no electronic presentations) and will be limited to no more than 5 minutes for their remarks.

The Interdisciplinary Exploration Science preproposal conference will be held on April 19, 2005, in the Columbia Ballroom at the Capitol Holiday Inn, 550 C Street S.W., Washington, DC, 20024. Registration will begin at 8:00 a.m., and the conference will begin at 8:30 a.m. and will conclude by 12 noon. All participants are responsible for making their own travel arrangements. No advanced registration is required.

Further information about the Interdisciplinary Exploration Science Program or the preproposal conference is available from Dr. Paul Hertz, Science Mission Directorate, NASA Headquarters, Washington, DC 20546-0001; Telephone (202) 358-0986; E-mail Paul.Hertz@nasa.gov.