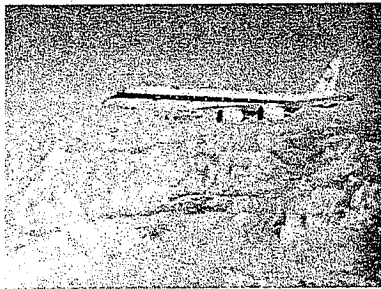


## NASA Opportunity for Student Airborne Research

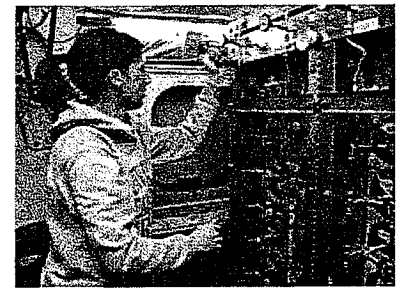
NASA seeks highly motivated advanced undergraduate and early graduate students for participation in a Summer 2009 research program in Earth system science using its DC-8 flying laboratory. The program is managed by the National Suborbital Education and Research Center ([www.nserc.und.edu](http://www.nserc.und.edu)).

Students will acquire hands-on research experience in all aspects of a scientific campaign, using a major NASA resource for studying Earth System processes, calibration/validation of space-borne observations, and prototyping instruments for possible satellite missions. Students will operate instruments onboard the DC-8 aircraft to sample atmospheric chemicals and to image land and water surfaces in multiple spectral bands.



Applicants should have a strong academic background in disciplines relevant to the Earth system, including the physical, chemical, or biological sciences, or engineering. Eligibility requirements include full-time student status at an accredited U.S. college or University. Women and minorities are strongly encouraged to apply.

Successful applicants will be awarded a stipend for 6 weeks of participation in the program, including 5 weeks in Southern California for classroom, laboratory, and aircraft experience. NSERC will provide travel to and from California and living expenses while in California.



### Application materials should include:

- 1.) 3-page personal statement describing the student's interests in pursuing research in the Earth sciences and other special qualifications.
- 2.) Letter of recommendation from a professor or advisor familiar with the student's abilities.
- 3.) Official undergraduate and/or graduate transcripts.

### Selection criteria will include:

- Excellent academic performance
- Promise for contributing to nation's future workforce as judged by career plans
- Evidence of interest in Earth System science and hands-on research
- Geographic, gender and ethnic diversity
- Ability to perform in teams

**Deadline for applications is February 15, 2009.** Submit to:

Dr. Alexandra Novak, Education and Public Outreach Director, NSERC  
Center for People and Environment, University of North Dakota  
4149 University Avenue Stop 9011  
Grand Forks, ND 58202-9011

Or electronically to: [a.novak@nserc.und.edu](mailto:a.novak@nserc.und.edu).

More information can be found at <http://www.nserc.und.edu/learning/>, or by telephoning Dr. Novak at (701)777-3909.