

National Weather Service Student Programs

Milwaukee-Sullivan, Wisconsin

Updated January 20, 2004

Tier I - Paid Employment

STUDENT EDUCATIONAL EMPLOYMENT PROGRAM (PAID EMPLOYMENT)

The Student Educational Employment Program provides employment opportunities to students who are **enrolled or accepted for enrollment** as degree seeking students taking at least a half-time course load in an accredited pre-college, technical, vocational, 2 or 4-year college or university, graduate or professional school. The program comprises two components: the Student Temporary Employment Program (STEP) and the Student Career Experience Program (SCEP).

1. Student Temporary Employment Program (STEP)

Job opportunities under this program offer you temporary employment. Employment can range from summer jobs to positions that last as long as you are a student. These employment opportunities need not be related to your academic field of study. For more information on STEP go to <http://ohrm.doc.gov/jobs/Student/step.htm>.

2. Student Career Experience Program (SCEP)

This program offers you valuable work experience directly related to your academic field of study. It provides formal periods of work and study while you are attending school. It requires a commitment by you, your school and the DOC. You may be eligible for permanent employment under this component after successfully completing your education and meeting work requirements. For more information on SCEP go to <http://ohrm.doc.gov/jobs/Student/scep.htm>.

3. COMET Program

Three programs are available under the COMET program. Please check the web page for details at <http://www.comet.ucar.edu/outreach/index.htm>.

Program Features Under SCEP and STEP Programs

- Students may be employed year round.
- Flexible schedule of work assignments.
- Open to all students...high school, undergraduate, graduate, and vocational/technical.

Eligibility Requirements are:

- A student enrolled or accepted for enrollment as a degree-seeking student (diploma, certificate, etc.).
- At least the minimum age required by Federal, State or local laws and standards governing the employment of minors.
- Taking at least half-time academic, vocational or technical course load in an accredited pre-college program, technical or vocational school, 2-year or 4-year college or university, graduate or professional school.
- U.S. Citizenship is required.
- At the beginning of each semester/quarter, each student will produce a letter of verification from their educational institution showing proof of enrollment in school for the upcoming semester/quarter.

Salary and Promotions: The pay you receive will depend on the education and work experience you already possess. As you advance in your education you may be eligible for promotions based on your work performance, grade point average, and credits earned.

These positions are filled on a competitive basis on a Regional level. The existence and/or number of positions varies from year to year (primarily due to budget considerations). The locations of positions also varies, and it is not known from year to year whether a position will exist at NWS Milwaukee.

Interested students should check our website for advertised SCEP or STEP positions:

www.crh.noaa.gov/mkx/student_intropage.htm

Additional Information and Opportunities may be found at

<http://ohrm.doc.gov/jobs/Student/info.htm>

Tier II - Student Volunteer

NWS Milwaukee's Student Volunteer Program:

- Designed for students nearing completion of undergraduate studies or a technical school program, or in a graduate level degree program in meteorology, atmospheric science, hydrology, computer science or engineering. Exceptional students in the pre-college levels may apply for this program, e.g. those involved with the Wisconsin Center for Academically Talented Youth and other similar programs (parental or guardian approval required for minor youth).
- Limited to 3 students at one time, students work a minimum of 30-60 hours.
- Student volunteer may extend to a period of 180 days, one year or multi-year.
- It is preferred (although not required) that students also earn academic credit for this program. See your local educational institution for details.
- This is **NOT** an intern position and should not be noted as a **Student Volunteer** position when applying for future employment.

IMPORTANT: Your school must have a [Student Programs Agreement](#) with the National Weather Service. Please check with your Department Chairperson or contact John Eise for pre-college students. The attached [Student Programs Agreement](#) below must be completed and returned to the address below.

During the time at NWS Milwaukee, the student may choose from one of the following as a student volunteer:

LEVEL 1

Most popular option, spend at least 30 hours with NWS personnel related to your field of study. For example, if you are studying to be a meteorologist, you will work with a forecaster. If you are studying electronics, you will work with a electronics technician, if you are in computer science you will work with our Information Technology Officer. The checklist below must be completed. You must complete all hours in less than 60 consecutive days, but may be extended.

LEVEL 2

Work on an applied research or field project that is of mutual benefit to the student's educational goals and the mission of NWS Milwaukee. The project does not have to be completed during the volunteer period, but a mutually agreed upon deadline will be determined. For example, a student volunteer may work with NWS Milwaukee personnel on a research project during the summer that subsequently evolves into a senior capstone project that is completed during the following academic year. No less than 30 hours and no more than 60 hours may be spent at the NWS Milwaukee office. All hours must be completed in less than 60 consecutive days, but may be extended.

LEVEL 3

Spend at least 60 hours with NWS personnel related to your field of study *plus* complete an assigned project. For example, if you are studying to be a meteorologist, you will work with a forecaster. If you are studying electronics, you will work with a electronics technician. You must complete all hours in less than 60 consecutive days, but may be extended.

Applicant requirements:

- Students must have completed their first year of university, college or technical school, preferably in a meteorology, atmospheric science, hydrology, computer science, engineering, or electronics program.
- Students should have an overall GPA of 2.5 with a GPA of at least 3.0 in their major course of study, though exceptions may be made by the NWS for highly motivated students and upon written or verbal recommendation by a school's staff member.
- Students must submit a project proposal. The proposal must be approved in advance by both the NWS Milwaukee SOO, and a university faculty member. Proposals should be submitted at least 6 weeks before the proposed starting date.
- Students under the age of 18 years must fill out the [PARENTAL PRE-AUTHORIZATION FOR MEDICAL CARE TO CHILDREN](#) attached.

These positions are generally split into three time frames, Fall semester, Spring semester and Summer/Winter breaks. We must all the forms below complete two months prior to the start of your volunteership.

Interested students should prepare their resume and the following [forms](#):

[Optional Application for Federal Employment OF-612\(online\)](#)

[http://www.opm.gov/forms/pdf_fill/of612.pdf]

[Declaration of Federal Employment OF-306 \(online\)](#)

[http://www.opm.gov/forms/pdf_fill/of0306.pdf]

[Questionnaire for Non-Sensitive Positions SF-85\(online\)](#)

[http://www.opm.gov/forms/pdf_fill/SF85.pdf]

[Wage Claim Waiver](#) (form below)

[Security Worksheet](#) (form below)

[Parental Medical Release](#) (under age 18 years, form below)

[Student Programs Agreement](#) (check with your department Chair or for pre-college programs, please contact [John Eise](#) to setup an agreement with your school)

IMPORTANT: Failure to fill out forms completely will lead to delays in processing. Please call the contact below before filling out any forms.

Send your resume and all forms to:

John Eise

Science and Operations Officer

National Weather Service

N3533 Hardscrabble Road

Dousman, WI 53118-9409

(262) 965-5061 x. 766 e-mail: john.eise@noaa.gov

Tier III – Visiting Job Shadow

The NWS Milwaukee Job Shadow program consists of three levels:

LEVEL 1

This level is intended for pre-college students interested in meteorology, atmospheric science, hydrology, computer science, engineering, or electronics program as a possible career. A tour of the NWS facility will be provided for the student followed by 2 hours with an NWS Milwaukee meteorologist observing the forecast process, and discussing NWS career opportunities. You will be assigned to a person related to your field of study.

LEVEL 2

This level is intended for first or second year students enrolled in a university, college or technical program in meteorology, atmospheric science, hydrology, computer science, engineering, or electronics, or for anyone in any other math, science or technical program who is considering meteorology, atmospheric science, hydrology, computer science, engineering, electronics, or computers for future study. A tour of the NWS facility will be provided for the student followed by 4 hours at NWS Milwaukee, observing the full range of NWS operations. The student will also meet with members of the NWS Milwaukee management team to further discuss future career study options.

LEVEL 3

This level is intended for students in their third or later years (including graduate school students) enrolled in a university meteorology, atmospheric science, hydrology, computer science, engineering, or electronics program. The program is similar to level II, however it is expanded to three 6-hour days at the NWS office. The expanded time is intended to give the student a more comprehensive understanding of what it is like to work at an NWS field office. Prior participation in a Level 1 or 2 job shadow is permitted but not required.

Due to the limited hours worked, post high school academic credit is not recommended. Pre-college programs may want to consider academic credit as part of a larger program of study.

Pre-college students wishing to participate in this program will need a letter from your school principal, department head or counselor authorizing a students participation in this program. The request must be sent on school letterhead.

Interested students, teachers and counselors should contact:

John Eise
Science and Operations Officer
National Weather Service
N3533 Hardscrabble Road
Dousman, WI 53118-9409
(262) 965-5061 x. 766
john.eise@noaa.gov

**PARENTAL PRE-AUTHORIZATION
FOR MEDICAL CARE TO CHILDREN**

It is understood that the risk of injury is inherent in any work environment despite the existence of adequate safety procedures and equipment. This documents your pre-approval/disapproval to provide emergency medical treatment to your child (under the age of 18) should it become necessary while he/she is in duty status as an employee of the Department of Commerce or while participating as a student volunteer. *(Please check the appropriate space below).*

I request and authorize emergency medical care to be provided to my child as deemed appropriate by emergency medical personnel, a physician, or the medical facility providing treatment. I understand that reasonable efforts will be made to contact me at the time of the accident or illness. However, treatment should not be postponed due to my unavailability. *(This pre-authorization will remain in effect until your child reaches the age of 18, employment or volunteer service with the Department of Commerce is terminated, or you rescind it in writing.)*

I DO NOT authorize emergency medical care to be provided to my child without first contacting me at the time of the accident or illness. I understand that by not pre-authorizing medical care there may be a delay in the treatment of my child, with consequences that cannot be foreseen.

Required Information: *(Please type or print)*

Name of Child _____
Date of Birth _____
Name of Parent or Guardian _____
Address _____
Home Phone _____ Work Phone _____
Cell Phone (if applicable) _____
E-mail address (if applicable) _____
My child is allergic to _____
Other medical conditions _____
My child is taking the following medication(s) _____

Signature of Parent or Guardian _____
Relationship to child _____
Date _____

FOR AGENCY USE

Organizational location of employee _____
Name of supervisor _____
Telephone number of supervisor _____

Student Programs Agreement National Weather Service

Definitions

School: A national or state accredited high school, technical, vocational, 2 or 4-year college or university, graduate or professional school.

Student: One who is **enrolled or accepted for enrollment** as a degree seeking student taking at least a half-time academic, technical, or vocational course in a School.

Student Program: student oriented National Weather Service (NWS) programs per Attachments.

Terms of Agreement

This agreement establishes a basis of mutual understanding for conducting a Student Program between the National Weather Service and the undersigned School for the purpose of enhancing the educational experience of the Student and School plus advancing the mission and goals of the National Weather Service.

All students will be appropriately dressed for a professional environment. Also, picture identification is required for security purposes. The NWS will require the student to fill out all applicable paperwork per the attachments. Except for Tier 1 Employment, no wages or compensation of any kind may be claimed by a student or the undersigned School.

The undersigned School and the National Weather Service Milwaukee will consider amendments proposed by either party to the terms of this agreement and by mutual consent, will amend this agreement in writing. This agreement may be modified or superseded at any time due to changes in Federal laws, regulations or orders. The National Weather Service will advise the undersigned School of such changes and, if substantive, the agreement will be modified by mutual consent.

This agreement becomes void after any twelve month period during which no students have participated.

This agreement becomes effective upon signature by all parties and shall continue unless terminated by mutual consent or by either party upon 30 days notice.

School Name: _____

School Signature _____ Date _____

Position: _____

Print Name: _____

National Weather Service Signatures

Kenneth R. Rizzo
Meteorologist-in-Charge
NWS Weather Forecast Office
Milwaukee, Wisconsin

Date

John S. Eise
Science and Operations Officer
NWS Weather Forecast Office
Milwaukee, Wisconsin

Date

For NWS Use Only

Tier II - Level 1 Checklist

___ All paperwork completed and processed for position

___ Mutually agreed upon schedule completed (no longer than 6-hour days allowed)

___ Begin student volunteering

Day One (must start at 9 am on a weekday)

___ Meet with Meteorologist-in-Charge (MIC)

___ Office Tour and Introductions to all staff members

___ Introduction to the National Weather Service Training (SOO)

___ Introduction to AWIPS (SOO, mets only)

___ Job Shadow Science and Operations Officer (SOO)

___ Job Shadow Warning Coordination Meteorologist (WCM – mets only)

Day Two

___ Job Shadow Short Term Desk

___ Job Shadow Electronics Technician (tour radar facility)

Day Three

___ Job Shadow Long Term Desk

___ Job Shadow IT (tour of computer facilities)

Day Four

___ Meet with Data Acquisition Program Manager

___ Job Shadow Hydrometeorological Position

Day Five

___ Job Shadow Service Hydrologist (met students only)

___ Meet with MIC before leaving (30-hour students only)

___ Checklist complete? (30-hour students only)

For NWS Use Only

Tier II – Level 2 Checklist

- ___ All paperwork completed and processed for position
 - ___ Start date sent to student from NWS
 - ___ Meeting with NWS Science and Operations Officer or Meteorologist-in-Charge to discuss potential research projects
 - ___ Mutually agreed upon project and project completion date
 - ___ Make sure appropriate data sets are available for project
 - ___ Begin project at NWS
 - ___ Continue project at school if needed
 - ___ 3-5 page project report sent to NWS for approval by mutually agreed upon completion date
- The report should be one to two pages in length, double spaced, 12-point font report with margins less than or equal to ½ inch

NOTE: If no project report is received at the NWS by the completion date, the student volunteer position will be terminated.

- ___ End of project

Tier II – Level 3 Checklist

Complete Tier II – Level 1 Checklist, plus the following:

Day Six

- ___ Assignment of project by SOO, MIC or WCM
- ___ Begin Project

Days Seven, Eight, Nine

- ___ Work on project, talk with SOO, MIC or WCM as needed
- ___ Draft 3-page report

Day Ten

- ___ Present findings to SOO, MIC or WCM
- ___ Submit 3-page report to SOO, MIC or WCM before leaving
- ___ Meet with MIC or SOO before leaving (60-hour students only)
- ___ Checklist complete?

Tier III – All Levels Checklist

- ___ Tour of NWS Facility
- ___ Assignment to appropriate personnel (forecaster, electronics technician, IT, hydrologist)
- ___ Meet with MIC, SOO or WCM before leaving

Last Update: Tuesday, January 20, 2004

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