



PHASE

A Newsletter of Skaggs Center Internships

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September 2010

2010 PHASE SUMMER PROGRAM REACHES THE FINISHING LINE



September 27th marked the last program visit to the 2010 PHASE program when Howard Holme and Ann Curtis, far right, from the CLIMB program met with Ann Thorne and Tony Tafoya. The Colorado Leaders, Interns, Mentors, in Business (CLIMB) program is recruiting science and engineering majors from Ivy League colleges, Princeton, Harvard, Yale, and other prestigious schools to experience a summer work experience with organizations like NOAA in Colorado.

At our meeting we explored various strategies for getting ESRL PHASE information to the various school visits by CLIMB. We provided Ann Curtis with a stack of PHASE brochures to distribute on their school visits and planned a talk to ESRL for the October-November time frame where CLIMB would invite former Ivy League alumni to speak of their experience with the

CLIMB program.

Ann Thorne will be asking the ESRL divisions for 2011 summer projections so that CLIMB can begin the recruitment of students for supervisors to consider.

The program is very cost effective. Through alumni assistance each student can be placed for only \$2700 which includes housing and a stipend.

Another program that was a highlight of the 2010 PHASE program was the NCAR High School Intern Program where NCAR funded ten slots and gave NOAA two slots for working on their evaluation and placement committee. The two students placed with CSD will be asked to return. It is our hope that ESRL will be able to provide the \$1800 for each student and possibly place additional exceptional high school students.

We are pleased to report that two special needs students recruited by PHASE received glowing evaluations. Eliot Glairon, who worked at NIST, got a super evaluation on his summer experience, and

Hong Leong was accepted at Berkeley and writes that the school has an awesome program for students with disabilities.

The recently formed Boulder Area STEM Education Coalition (BASEC) will hold a kickoff meeting on October 5th at Google in Boulder. Shirley Malcom, Educational Director of AAAS will provide an introduction to the meeting. The meeting will propose an organizational structure, future developments and open positions in working groups and committees. Currently more than 75 persons have been identified.

“The mission of BASEC is to facilitate communication and collaboration among businesses, government, education, community groups, and the media. The group seeks to synthesize, and support the efforts of these local stakeholders, to empower Boulder County residents, and to promote diversity and equality, by improving quality and expanding access to STEM education and through informing local and state policy and by enhancing our communications efforts.”

Based on the statistics presented on page #3, the PHASE program has written funding proposals that will lead to program expansion and increased activity. We believe that that PHASE statistics can measure up to any program that focuses on diversity and recruits underrepresented populations. We are particularly impressed by the reception we

have received from supervisors in our attempt to place special needs students. It is our expectation that placing students from Ivy League schools will be much easier for supervisors to make a hiring commitment.

The future of the PHASE program is going to depend on the proposed NOAA Climate Service line office which will be established in 2011. It is our hope that student programs will continue to be valued, and that appropriate funding will be included to assist supervisors in hiring the talent they currently need and will be needed in the future.

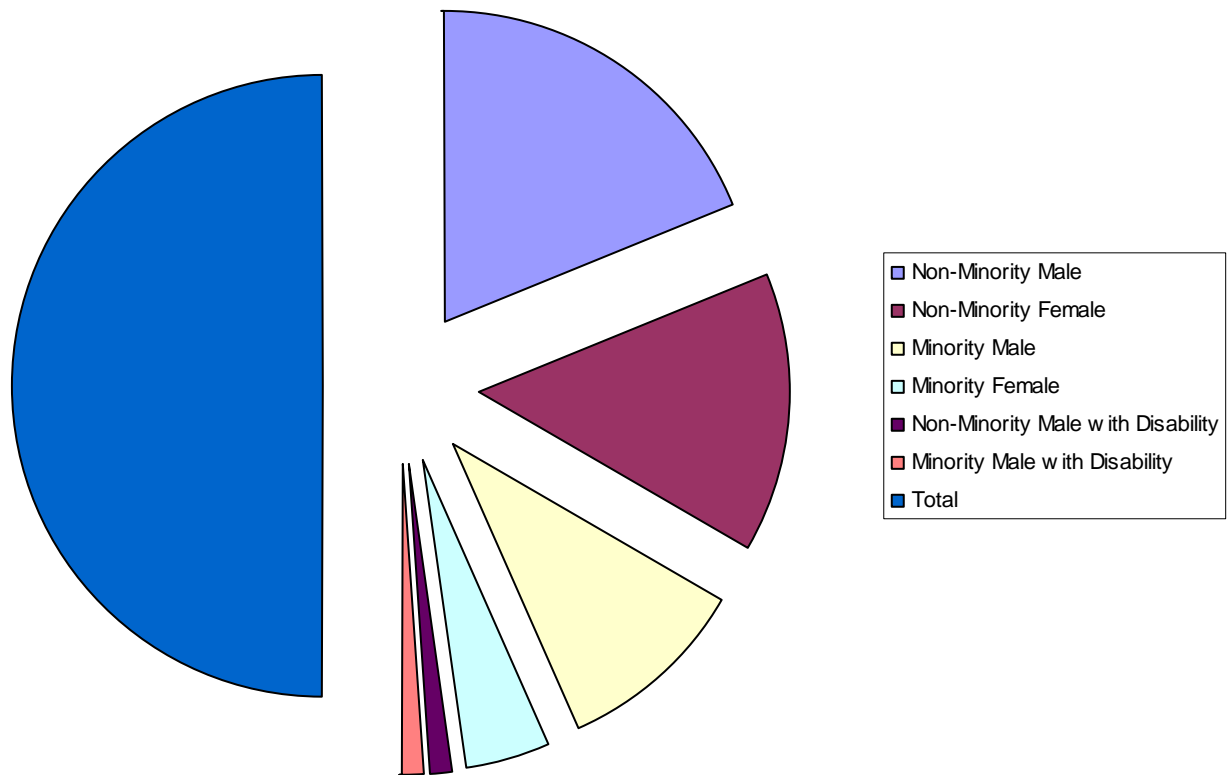
This newsletter should be viewed as a watershed, because it marks the end of Tony Tafoya’s contract. This, coupled with the injury Ann Thorne received after a fall from her horse will make it difficult for Ann to continue the same level of outreach with our newly developed partners that have been described in previous issues of this newsletter. It will be critical for current student mentors and employees to step up and volunteer to support the PHASE program and attend after hours and weekend meetings to maintain the current level of our outreach efforts.

However, should one of our funding proposals be accepted, we will be in touch. In the meantime, check us out on our NOAA Facebook page.

Today’s students are NOAA’s future.

STATISTICS ON THE 2010 PHASE PROGRAM

Summer Interns for 2010



Summer Interns for 2010 totaled 45 and included the following:

17 Non-Minority Male

13 Non-Minority Female

9 Minority Male

4 Minority Female

1 Non-Minority Male with a Disability

1 Minority Male with a Disability

Education, Science, Careers

Key Advisory Board Functions

The key functions performed by the PHASE Advisory Board include: **Advocacy on Employment and Education Issues**, **Membership and Outreach**, and **Consultation with Students and Supervisors**. The following is a brief description of each function:

Advocacy on Employment and Education Issues

The advocacy function is performed when advisory board members take a pro-active role in seeing that an employment related issue is addressed by the appropriate community, education or government organization. This function typically involves the following: assisting students and parents with local school issues, e.g. summer jobs, internships, grades and course requirements; informing the local community on student internship opportunities; and researching employment opportunities and various employment related topics such as housing, travel, and community demographics.

Membership and Outreach

The membership committee is charged with an ongoing program of recruiting and retaining members of the Advisory Board. This involves coordinating a yearly membership drive for new members. The outreach function is performed by going out into the community to explain NOAA internship programs and communicating the assistance that can be provided. Typically, this function involves attending meetings and briefings, networking with NOAA agency representatives, providing orientation briefings to newcomers, attending training sessions and education workshops - both as participants and presenters.

Consultation

Consultation services are typically private and are provided to students, parents and teachers who need explanations related to PHASE documents and procedures. This function typically involves mediating an issue at the lowest level before it escalates and assisting the ESRL Student Coordinator with employee issues.



***PHASE* is a publication
of the ESRL Student
Coordinator**

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PHASE seeks to inform
employees and students on
employment programs and
Internships.

Editors: Tony Tafoya and
Ann Thorne

MISSION

The mission of the Practical Hands on Application to Science Education (PHASE) program is to have students benefit from a science intern program at a Federal facility.

The objectives of the program are (1) for laboratories to identify student projects that provide a learning environment and focus on practical hands-on activities; (2) to provide laboratories with profiles of students who have an interest in considering NOAA and science in general as a positive career choice; and (3) to inform students of career opportunities in NOAA.

For more information visit: PHASE@noaa.gov and esrl.noaa.gov/outreach/student_programs

MARK THE DATE

The end of September marks the date for the third year of the revised PHASE program.

We are in the process of conducting research on accomplishments such as productive recruitment sources, placement opportunities, reviewing student and mentor surveys, the tracking of PHASE student interns for the past three years, and of course future funding.

Ann Thorne and Tony Tafoya

COLLABORATING ORGANIZATIONS

GOVERNMENT AGENCIES:

NOAA/OAR/ESRL,
NWS/SWPC, NESDIS/NGDC
NIST
NTIA
Workforce Boulder County

HIGHER EDUCATION:

University of Colorado/CIRES
CU SORCE Program
UCAR/NCAR

COMMUNITY:

SACNAS
MESA
AISES
National Image, Inc.
Blacks-In-Government (BIG)

SCHOOL DISTRICTS:

Boulder Valley (BVSD)
St. Vrain Valley (SVVSD)

The Objectives of the ESRL Intern Program

- A. To seek a broad development and expansion of internship opportunities for high school, college and graduate students and high school teachers.
- B. To assist and encourage NOAA organizations in establishing goals and identifying the best possible sources for the recruitment, employment, training and advancement of student Interns.
- C. To encourage and actively support the promotion and advancement of Interns already employed.
- D. To analyze and determine the educational and professional needs of students seeking entry and advancement in employment; and, whenever possible, provide appropriate training and counseling services to meet these needs.
- E. To establish and continually upgrade a broad range of contact with supervisors and Interns across the country via personal visits, telephone calls, e-mails, and periodic newsletters.
- F. To respond to the reasonable requests from non-NOAA groups for student referrals when their objectives are supportable and similar to the ESRL PHASE program.
- G. To enhance the promotion of student excellence, pride, and camaraderie through organized and regularly scheduled social and scientific gatherings which will serve to bind students together.
- H. To provide a forum for major research issues of local and national significance so that students may be better informed and may express their views through seminar presentations before their peers and supervisors.
- I. Seek to expand the program to include other organizations.

Education, Science, Careers



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Please add me to newsletter mailing list. (Please print or type.) Issue #9, 2010

Name

Home Address or
School Address

City, State, Zip
Code

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