

National Center for Transportation System Productivity and Management

Summer Enrichment Program

The University of Alabama at Birmingham (UAB), in partnership with Alabama's Historically Black Colleges and Universities -- Alabama A&M University, Alabama State University, Oakwood University, Stillman College, and Tuskegee University -- invites currently enrolled freshmen, particularly African American and Hispanic/Latino students, to apply to our 2014 National Center for Transportation System Productivity and Management Summer Enrichment Program (NCTSPM SEP). The SEP program is in collaboration with the UAB Minority Health and Health Disparities Research Center (MHRC) and the UAB Sustainable Smart Cities Research Center (SSC) to foster cross-disciplinary research, training, and outreach that integrate health, socio-economic impacts, and infrastructure design for the purpose of developing innovative solutions for sustainable smart cities and communities.

The goal of the NCTSPM SEP is to increase the number of competent, well trained minority engineers, researchers, and transportation professionals working on transportation issues of importance to our region and the nation. The program will create intensive learning opportunities in science, technology, engineering, and mathematics (STEM) and increase enrollment in engineering schools with transportation focus. The students selected for the NCTSPM SEP will be exposed to experts in transportation education and research, learn about transportation problems facing our nation and how to incorporate sustainability into engineering decisions and design, take classes in scientific writing, work on research projects under the leadership of a faculty mentor, and develop a comprehensive career plan to achieve their goals.

The students accepted into the program will be paid a salary \$250 per week in addition to a housing and meal stipend.

Eligibility Requirements

- Be currently enrolled at UAB, Alabama A&M University, Alabama State University, Oakwood University, Stillman College, and Tuskegee University as freshmen for the 2013-2014 academic year
- Have an interest in engineering and transportation-related careers
- Have at least a 3.00 grade point average
- Submit unofficial high school and college (if applicable) transcripts
- Provide name and contact information of two references on your behalf (one must be from a faculty member)
- Submit a 1-2 page essay describing your career goals and why you are interested in a civil engineering and transportation related career.

To be considered for this program, students must adhere to the procedures outlined in the application.

We encourage qualified students of all majors who have interest in transportation engineering related careers to apply.

Applications must be received by April 20, 2014 or sooner.

If you would like more information or assistance in completing the application, please contact:

Dr. Ian Hosch

Assistant Professor

Department of Civil, Construction, and Environmental Engineering, UAB School of Engineering

205-934-8489; hoschi38@uab.edu

www.UABMHRC.org, www.UABSSC.org, www.utc.gatech.edu

NCTSPM Summer Enrichment Program

June 2 – June 27, 2014

APPLICATION FORM

INSTRUCTIONS: Applications must be received **BY APRIL 20, 2014 or SOONER.**

1. **Complete ALL sections of this application** – It is your responsibility to make certain that your transcript(s), and references are **included with the application packet** and received by the date listed above. Incomplete applications will not be reviewed.
2. **Transcripts** – Contact your high school and college registrar for an official transcript.
3. **Letters of Recommendation** – Request recommendations **from two people** familiar with your academic work. Each recommendation form should be in a separate envelope and signed on the back across the sealed flap by the person making the recommendation. At least one recommendation must come from a faculty member.
4. **Essay** – 1-2 page essay describing your career goals and why you are interested in a civil engineering transportation related career.

I. PERSONAL INFORMATION (PLEASE TYPE OR PRINT)

Name _____
Last First Middle

Current Address _____
Street Apt. Number City, State Zip

Email Address _____ Telephone/ Cell Phone _____

Are you a U.S. Citizen? Yes ___ No ___ If not a U.S. Citizen, are you a Permanent Resident? Yes ___ No ___

Alien Registration No. _____

Ethnicity/Race (you may indicate more than one) _____

Social Security Number _____ Sex: F ___ M ___ Age: _____

Do you have any special needs to be considered? Yes ___ No ___ If yes, please specify

Please list the names of a parent or legal guardian to be notified in case of emergency:

NAME _____ Relationship _____

Telephone Numbers(s) Home: _____ Work: _____

Address _____

Email _____

II. EDUCATIONAL BACKGROUND

Name of Institution currently attending	City, State	Dates attended

Major	Minor	Classification	GPA	Credit Hrs Completed	Credits to be earned this semester

Institutional Action: Were you ever the recipient of any institutional action by any college for unacceptable academic performance or conduct violation, even though such action may not have interrupted your enrollment or required you to withdraw?

Yes No If yes, please explain: _____

III. COLLEGE HONORS, SCHOLARSHIPS, ACHIEVEMENTS AND AWARDS

IV. EXTRA CURRICULAR ACTIVITIES (athletics, clubs, volunteering, job shadowing)

VIII. AVAILABILITY FOR ASSIGNMENT

Your schedule will most likely include classes and seminars M-F 9:00 am – 4:00 PM. Do you foresee any conflicts during those times (i.e., summer classes you would like to take, another job, other outside commitments)? _____

IX. ESSAY

Please submit a 1-2 page essay attached with this document. The essay should address your career goals and why you are interested in a civil engineering transportation related career.

I certify that the information submitted in this application is true and correct to the best of my knowledge. I give the MHRC & NCTSPM SEP permission to share this information for the purpose of recruitment and placement.

If selected, I authorize and release MHRC & NCTSPM SEP to videotape, photograph or otherwise record my participation in this program.

Signature

Date

Mail or submit your application and additional materials to:

Dr. Ian Hosch

Assistant Professor, UAB Department of Civil, Construction and Environmental Engineering
Hoehn Engineering Building,
1075 13th Street South., Birmingham, AL 35294
or via email hoschi38@uab.edu