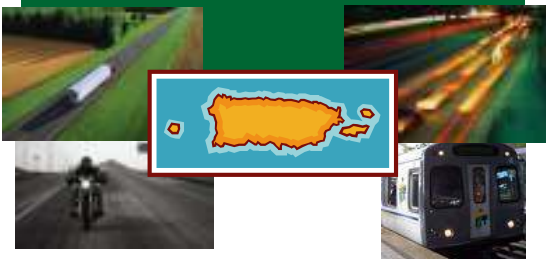


2006-07 DDEFTP Research Projects

- Fabiola Buitrago, Simulation of the effect of local driver characteristics on traffic operations
- Jahaira Cardona, Identification of human factors of motorcycle-related crashes in Puerto Rico
- Ricardo Fernós, Establishing the frequency and magnitude of landslide-triggering rainstorm events for Puerto Rico
- Javier Jiménez, Use of mass transportation for evacuation process
- Josué Pluguez, Mayagüez's Dynamic Demand / Supply Model in the Aftermath of an Extreme Event
- Kelvin Santiago, Development of a software tool for collecting information about road alignment conditions using recorded video and GPS position data
- Coral Torres, Formulation of econometric solutions of immediate resources for a disaster area in Mayagüez, Puerto Rico
- Víctor Vargas, Development of a transportation strategic model and critical resources distribution after a possible disaster on Mayagüez, Puerto Rico



Additional Information:
<http://academic.uprm.edu/prt2/dde.htm>



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September 2007

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**Department of Civil Engineering
and Surveying**

**University of Puerto Rico at
Mayagüez**

DWIGHT D. EISENHOWER FELLOWSHIP PROGRAM

The Dwight D. Eisenhower Transportation Fellowship Program (DDETFP) at the Puerto Rico Transportation Technology Transfer Center (PRT³C) is funded by the United States Department of Transportation (USDOT). The program is designed to:



- Attract the nation's brightest minds to the field of transportation.



- Enhance the careers of transportation professionals by encouraging them to seek advanced degrees.



- Retain top talent in the transportation community.

DDETFP awards fellowships to students pursuing degrees in transportation-related disciplines. This program advances transportation education, research, and workforce development, and encompasses all modes of transportation. DDETFP was established by the Intermodal Surface Transportation Efficiency Act (ISTEA) in 1991, reauthorized in 1998 by the Transportation Equity Act for the 21st Century (TEA-21), and reauthorized in 2005 by the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU).

Eligibility Requirements

Applicants for the DDETFP Award must be full-time students enrolled at the undergraduate or graduate (M.S. and Ph.D.) levels in an engineering or engineering-related program, e.g., urban planning, engineering management, construction. Awards are for one academic year.

In addition to stipends, fellowship recipients may receive tuitions and fees, and allowance for books/materials, and travel to the TRB Annual Meeting in Washington, D.C.

Criteria for Evaluation

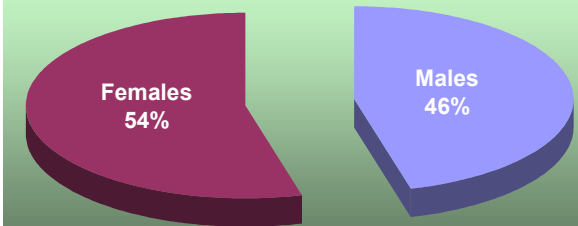
Fellowship recipients will be selected on the basis of merit according to the following criteria:

- Academic performance (GPA)
- Application essay
- Letters of recommendation
- Plan of study
- Career goals
- Transportation work experience

Application process for year 2008-09 starts on October 2007



DDETFP Recipients at UPRM



Approximately 150-200 DDETFP awards are given annually in the United States. To date, approximately 2,000 Fellowships have been awarded.

A total of 59 students from UPR-Mayagüez have been awarded a DDETFP Fellowship since 1994.



Topics of DDETFP Research Projects

