

**IEEE TRANSPORTATION ELECTRONICS FELLOWSHIP  
(2006-2007)**

A Graduate Fellowship in Transportation Electronics has been established to stimulate both student and faculty interest in the rapidly expanding field of transportation electronics. We also view this as an opportunity to advance the state-of-the-art in this field. Transportation electronics is a rapidly expanding technology, which applies the design and development of electrical and electronic devices to the increasing need for safety and convenience features in highway and off-road vehicles. Typical examples are on-board controllers and systems for fuel and performance management, collision avoidance, dynamic braking, communications and entertainment, steering, suspension, propulsion power, electric and hybrid electric drive trains, traffic aid, automatic vehicle location, navigation, and automated guidance.

Recipients of this award are selected by a committee on the basis of the candidate's potential to contribute to the profession of Electrical and Electronics Engineering in the area of Transportation Electronics.

**Summary**

<i>Description:</i>	To promote graduate-level study in Transportation Electronics Technology.
<i>Prize:</i>	\$10,000 and Plaque.
<i>Funding:</i>	Administered by the IEEE Foundation.
<i>Eligibility:</i>	Undergraduate degree in electrical engineering.
<i>Basis for Judging:</i>	Academic performance as an undergraduate; collegiate activities and professional accomplishments; relation of applicant's background/interest to Transportation Electronics.
<i>Presentation:</i>	Biennially, at a Vehicular Technology Conference or Vehicular Technology Society (VTS) related meeting as appropriate.

**General Instructions**

1. These items constitute a complete application for this Fellowship:
  - a. The completed application form
  - b. Certified transcripts of your college academic record
  - c. Letters of recommendation from four references
  - d. Your Graduate Record Examination scores for both aptitude and advanced tests, if available

**To receive consideration, this information must be filed with the Chair of the Transportation Electronics Fellowship Committee, by March 15, 2006.**

2. Where the space provided in the application form is inadequate, supplemental sheets should be used. You also may attach any other material that you feel is significant to the decision to be made by the Committee.

3. The applicant should insert his/her name on the attached reference forms and give one to each of the references listed. Reference letters may be sent directly by the writers to the Committee Chair or the letters in their sealed envelopes may be gathered by the applicant and returned with his/her application form. Provide sufficient lead-time so that the March 15 deadline will be met.

4. Have your GRE scores sent to the Committee Chair, if available.

5. If you have attended more than one university, be sure that the transcripts provided cover all of your college courses.

6. This application and all correspondence relating to it should be sent to the following address:

Prof. Ali Emadi  
Chair, Transportation Electronics Fellowship Committee  
Electrical and Computer Engineering Department  
Illinois Institute of Technology  
3301 S. Dearborn Street, Chicago, IL 60616-3793, USA  
E-mail: [emadi@iit.edu](mailto:emadi@iit.edu)

