
CONVERGENCE Fellowship in **Transportation Electronics**

Awarded Jointly by the Vehicular Technology Society of the
Institute of **E**lectrical and **E**lectronics **E**ngineers, Inc.
and
The CONVERGENCE Transportation Electronics Association

Established to Promote the Pursuit of Graduate Studies
in the Field of Electrical and Electronics Engineering

CONVERGENCE

International Conference on Transportation Electronics

Sponsored by

- Vehicular Technology Society of the
Institute of Electrical and Electronic Engineers, Inc.
(VTS-IEEE)

- Society of Automotive Engineers
(SAE)

CONVERGENCE is a biennial conference recognizing the growing importance of electronics in transportation. It originated in 1974 with a vision by its founder, Trevor O. Jones. Mr. Jones and his associates were convinced that the emerging electronics technology would have a profound effect on the transportation industry in the following years and, consequently, the transportation and electronics industries should share their problems and opportunities. That vision proved to be correct. Convergence is a unique multi-day event, gathering together world-renowned leaders in the transportation electronics industry and has proven to be both technically comprehensive and professionally rewarding for all levels of the engineering and management communities.

A Graduate Fellowship in Electrical and Electronics Engineering has been established jointly by the Institute of Electrical and Electronics Engineers Vehicular Technology Society (IEEE VTS) and the CONVERGENCE Transportation Electronics Association to stimulate both student and faculty interest in the rapidly expanding field of transportation electronics. These sponsors 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, motive power, 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.

GENERAL INSTRUCTIONS

1. These items constitute a complete application for this Fellowship:
 - a. The completed application form (front & back)
 - 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 Coordinator, CONVERGENCE Fellowship, by March 15, 2000.

2. Where the space provided in the application form is inadequate, supplemental sheets should be used. You also may attach any other material which 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 Coordinator, CONVERGENCE 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 CONVERGENCE Coordinator, 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:

Dr. Robert E. Fenton, Coordinator CONVERGENCE Fellowship
Department of Electrical Engineering
The Ohio State University
2015 Neil Avenue
Columbus, Ohio 43210

fenton.2@osu.edu

WORK EXPERIENCE

Employer	Type of Work	Location	Date

Percent of college expenses earned (including scholarships but excluding G.I. Bill): _____

ADDITIONAL INFORMATION

Participation in technical societies' activities _____

Papers presented or prepared _____

Outline any scientific or technical work you now have in progress _____

Career objectives _____

Outside interests, hobbies, recreations _____

Institution at which you wish to do graduate work _____

Department _____ Major Field _____ Application Field _____ Accepted _____

Four letters of recommendation are required. One should be from a recent employer, if any. List references below:

1. _____
2. _____
3. _____
4. _____

How do you intend to contribute to the profession of electrical and/or electronics engineering? _____

Respectfully submitted,

Print Name

Date

Signature

CONVERGENCE Fellowship in Transportation Electronics
LETTER OF RECOMMENDATION

You have been named as a reference by _____ who is applying for a CONVERGENCE Fellowship in Transportation Electronics. The selection committee would like your evaluation of the candidate's ability to do graduate level work, his/her originality and creativity, character, diligence, social responsibility, and ability to lead and to communicate. Your response, which must be received by March 15, 2000, will be considered confidential.

This letter may be returned to the applicant in a sealed envelope or mailed directly to:

Dr. Robert E. Fenton, Coordinator
CONVERGENCE Fellowship in Transportation Electronics
Department of Electrical Engineering
The Ohio State University
2015 Neil Avenue
Columbus, Ohio 43210

Please respond so that this letter reaches the Coordinator by **March 15, 2000**.

**This material must be duplicated for review by the Committee:
Therefore it should be typed or lettered in black ink.**

(USE REVERSE SIDE IF NEEDED)

Among approximately _____ students I have known in this field in recent years, I would rank this applicant in the upper ____ %.

Date _____

Signature _____

Institution _____

Position _____

Address _____

VEHICULAR TECHNOLOGY SOCIETY

The Vehicular Technology Society embraces the interests of three major fields of engineering science, research, and development. The society's primary goal is to promote mutual interaction among engineers working in mobile radio communications, transportation electronics and ground transportation systems.

Radio communications include the use of mobile radio on land, sea, and in the air. The design, manufacture, and application of two-way and one-way radio communications equipment, including the recognition of the natural and engineering sciences which affect electromagnetic propagation and the systems planning necessary to accomplish effective radio communication.

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Ground transportation systems recognize the requirement, in today's mobile society, for sophisticated means of better management and operation of all forms of ground transportation. The technologies utilized include communications and electronics as applied to all facets of both system and individual vehicle operations.