

The Newsletter of the

Transportation Science Section

October, 1996

CONTENTS

*News and Notes.. 1**Editor's Corner.. 1**Lifetime Achievement Award.. 2**In memorium.. 2**Minutes of TSS Meeting, Washington.. 4**Attendees of TSS Meeting, Washington.. 5**Everything you've always wanted to know about Atlanta, GA.. 6**Calendar of Events.. 7**Transportation Sessions in Atlanta, GA.. 8*

EDITOR'S CORNER

It's that time of year again. The Yankees are winning the World Series and graduating seniors are starting to consider what they are going to do with the rest of their lives. Many of them will come to us for help. When you talk to them, don't forget to mention graduate education in transportation science.

I know it isn't for everybody, but most of the transportation scientists and engineers that I know really enjoy what they do. The field clearly has something to offer to a wide variety of people.

TSS NEWS AND NOTES

Lifetime Achievement Award:

The Robert Herman Lifetime Achievement Award was given to Denos Gazis. Congratulations!

Membership Drive:

The Section is now in the midst of a drive to increase its membership. The effort is being coordinate by [Cynthia Barnhart](#) at MIT. She would appreciate any assistance you have to offer.

Sessions:

There are no less than thirty transportation-related sessions scheduled for Atlanta. The Section is offering a bonus prize to anyone that attends them all.

< 1 >

Where should you send them? There are about 100 schools that offer degrees in transportation-related fields. Talk to your friends at other schools. Find out what their programs are like these days. Then find out what your students are interested in and try and give them the best advice you can.

David Bernstein
Princeton
University
dhb@princeton.edu

Meeting Notice:

The next business meeting of the TSS will be held on Monday November 4, 1996 in the Walton Room from 6:15pm to 7:15pm.

LIFETIME ACHIEVEMENT AWARD

*Citation for the Robert Herman Lifetime Achievement Award of the Transportation Science Section of the Institute for Operations Research and Management Science (INFORMS),
Awarded to Denos Gazis, 1996.*

Denos Gazis, a pioneer in the field of Transportation Science, has distinguished himself as a researcher, a research manager, and as a leader in the scientific community. As a researcher he was among the early key contributors in studies which established the foundations of traffic science, including traffic flow theory, the optimal control of congested store-and-forward networks, and the use of computer technology for traffic management, for example, the real time computer control of traffic in vehicular tunnels. As a manager, he initiated and led significant technical work at IBM Research from the early uses of computers to the current development of Intelligent Transportation Systems. As a leader in the technical community, he was a founding member of the Transportation Science Section. As its chairman he led the effort to establish the Transportation Science Journal and later became its editor. In 1974 he co-authored and edited the volume Traffic Science which to this day is one of the best sources in the field. He also spread the gospel of Transportation Science by organizing short courses at leading universities and initiating interaction with the engineering community through the Highway (now Transportation) Research Board. He is a prolific writer, a distinguished speaker, and one of the leading lights in the Transportation Science community .

< 2 >

For his outstanding contributions and service in the field of Transportation Science, he is awarded the Robert Herman Lifetime Achievement Award of the Transportation Science Section of INFORMS.

Criteria

The winner should

1. have made fundamental and sustained contributions to transportation Science,
2. be widely known, at the very least among transportation scientists,
3. have influenced the field through her/his writings, teaching, service, and nurturing of younger professionals, and
4. be near the end of her/his professional career.

Jury

The jury members for the Robert Herman lifetime achievement award were

Gilbert Laporte (chairman)
Anna Nagurney
Hani Mahmassani

Mark Turnquist
David E. Boyce

Special Thanks

Special thanks to Mary Magrogan for having the plaque made and Peter Horner for taking photographs.

IN MEMORIAL
WILLIAM VICKREY

A friend and colleague, Bill Vickrey, died on October 11, 1996 just three days after receiving the Nobel Prize in Economics. He was 82.

Though Bill did not regularly attend Informs meetings, he was certainly a member of the Transportation Science community. His research on congestion pricing in the 1950s and 1960s paved the way for almost all of the work that has come since, mine included. In addition, as early as 1959 Bill suggested that every vehicle be equipped with a transponder for toll collection, a technology that we now call Electronic Toll Collection. His impact will be felt for many years to come.

< 3 >

Bill was very active right up until he died. He attended meetings, presented papers at conferences (he was at TRB every year), and worked to get congestion pricing implemented in the New York area. In fact, he was on his way to a conference when he passed away.

Bill will also be remembered for his ability to "concentrate". He once said "I have a reputation, not undeserved, for sitting with my eyes closed and possibly even dozing off." As a result, in the 1960s he was given the Rip Van Winkle Award for "Deep, Uninterrupted Concentration While Attending Seminars", an award that he proudly displayed in his office.

We will miss him.