



World in Motion

Winter 2008
Volume 15, No. 2

Norman Y. Mineta
International Institute for
Surface Transportation
Policy Studies

Created by Congress in 1991

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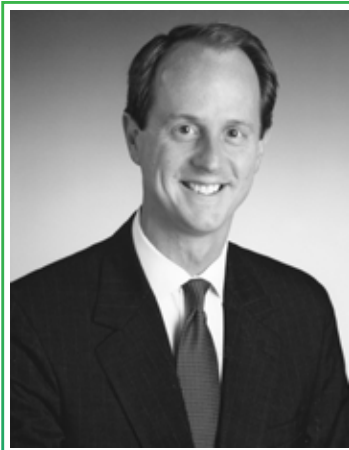
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Profile:
Steve
Heminger

MTI Trustee Steve Heminger is executive director of the Metropolitan Transportation Commission (MTC), the regional transportation planning and finance agency for the San Francisco Bay Area. It allocates about \$1 billion per year to operate, maintain and expand the area's complex surface transportation network.

Under Steve's direction, MTC is also the region's Service Authority for Freeways and Expressways, operating a fleet of 80 tow trucks and 2600 roadside call boxes to help motorists in trouble. Since 1998, MTC has been the Bay Area Toll Authority, administering the base toll on state-owned bridges. In addition, MTC manages the TransLink® universal fare card program for public transit and the popular 511 traveler information telephone number and web site.

Steve Heminger was appointed by House Speaker Nancy Pelosi to serve on the National Surface Transportation Policy and Revenue Study Commission, which will help chart the course for the federal transportation program. In addition to serving on the MTI board, he is also a board member for the Association of Metropolitan

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- Will Terrorists Go Nuclear? p.4
- Diridon's Directions Back

Planning Organizations and International Bridge, Tunnel and Turnpike Association. Before he joined MTC in 1993, Steve was vice president of transportation for the Bay Area Council, a business-sponsored public policy group. He also has served as a staff assistant in the California State Legislature and the U.S. Congress.

He received his Master of Arts degree from the University of Chicago and a Bachelor of Arts degree from Georgetown University.



Education at
MTI
by Dr. Peter Haas,
Education Program
Director

Six MSTM students

Garner APTA Awards

•Denise Patrick, Santa Clara Valley Transportation Authority – Winner of last year's APTA Hall of Fame Award, was presented with a \$3,000

continuation award

- Nina Rolich, Great Place to Work Institute – Won the \$4,500 Reba Malone Scholarship
- Boris Deunert, Caltrans D4-Oakland – Won the \$4,500 Richard J. Bouchard Scholarship
- Kenneth Johanasen, Caltrans D11 – San Diego – Won a \$1,000 American Public Transportation Hall of Fame Scholarship
- Tammy Cramp, San Joaquin Regional Transit District – Won a \$4,500 American Public Transportation Hall of Fame Scholarship
- Wayne Wassell, L.A. Metro – Was one of 25 individuals nationally accepted into Leadership APTA, a professional development program whose goals are to identify, develop and support the next generation of transit industry leaders

Outreach Activities Expand

Program Director Dr. Peter Haas recently appeared at two public transportation conferences as part of MTI's ongoing mission to publicize the MSTM program and to recruit students. On November 5, he appeared at the 2008 California Transit Association in Monterey, joining a panel of transportation education professionals from around the state to discuss "Innovative Strategies for Rising Fuel Prices." In October, Peter was an invited participant for a UCLA-sponsored symposium on "The Transportation-Land Use-Environment Connection" at Lake Arrowhead, California. He also was recently selected to serve as a member of the Board of Regents for the Eno Transportation Foundation and as the co-chair of the CUTC Student Awards Committee for 2008.

Students and Alumni Accomplish Much

In addition to winning prestigious scholarships and awards, MTI's students and alumni have been moving ahead in their careers, thanks to their excellent education.

- MSTM student Ray Salvano was named Division Manager of Regional Projects in the Transportation Planning and Project Delivery group for the Department of Transportation for the City of San Jose, Calif. In this capacity, Ray will oversee the City's involvement on several key regional transportation projects, including more than 20 current freeway and local transit improvements, the BART extension to San Jose, and the California High Speed Rail project. Ray said, "I know my participation in the MSTM program contributed significantly to this opportunity."
- MSTM student Joseph Rouse was recently promoted to statewide coordinator for the HOV-High Occupancy Vehicles Lanes program at Caltrans.

- Former MSTM student Gregg Albright is Deputy Director of the Division of Transportation Planning at Caltrans. Gregg attributes much of his career success to his participation in the MSTM program.



Research Report
by Trixie Johnson,
Research Director

Most if not all of our ongoing research projects will be completed by next June, so it is time to turn attention to new studies that are starting and continuing this year and into the next. To position MTI for the next competition in the University Transportation Center grant program, we are front loading as many projects as possible so conference presentations and journal articles can be in the works and counted in our grant application. Between last spring and this fall (and continuing into early spring), we plan to have the following topics in active research:

- Improving Transportation Construction Project Performance: Development of a Model to Support Decision-Making Policy for Incentive/Disincentive Construction Projects - Dr. Jae-ho Pyeon
- Effects of Neighborhood Crime on Travel Behavior, Phase 2 - Dr. Chris Ferrell
- Facilitating Telecommuting as a Means of Congestion Reduction - Drs. Nancy DaSilva and Meghna Virick
- Collaborative Funding to Facilitate Airport Ground Access - Dr. Geoffrey Gosling (a project selected earlier but with a delayed start)
- Policy Framework to Manage Congestion at Major (Airport) Hubs in California - Dr. Assenanu Ashiabor
- Cost and Equity of Reducing Greenhouse Gas Emissions through Land Use and Transportation Measures - Dr. Caroline Rodier

•Getting Around When You're Just Getting By: The Travel Behavior and Transportation Expenditures of Low-Income Adults - Drs. Asha Weinstein Agrawal and Evelyn Blumenberg

•Policy Issues in U.S. Transportation Public-Private Partnerships: Lessons from Australia - Dr. Rick Geddes

•Carbon Footprinting and Ecodriving: Understanding How Public Education Can Result in Reduced Greenhouse Gas Emissions and Fuel Use - Dr. Susan Shaheen

These projects were part of the MTI competitive process for selecting research. Two new projects are a result of discussion at last spring's forum on "Our Bicycle Safety Crisis." These are in development, so the titles are not yet firm. However, the topics will be options for accommodating the increased number of bicycle riders on commuter rail and best practices in bicycle safety education. A third topic is under development to review options for reducing suicides "by train" through physical and operational best practices. This grew out of discussions with FTA officials and in response to the continuing problems faced by commuter rail systems, including Caltrain, which services MTI's area.

All of our completed research is posted on the MTI website at <http://transweb.sjsu.edu/mtiportal/research/publications.html>. We are proud of the work done by our research associates and their student assistants, and we hope practitioners and other researchers find it useful. The increasing number of journal articles and conference presentations indicate we are on the right track.



ITT and Special Projects
by Donna Maurillo
Communications and Special Projects Director

Bicycle Forum Is Timely

With fuel prices more unstable than ever, many people are turning to alternative transportation modes, including bicycles. But that also means an increase in traffic accidents. Most riders who are new to commuting by bike may not be accustomed to the kind of "defensive driving" they must do to

negotiate urban traffic. Furthermore, bicycle storage has become problematic when people use bikes to connect with buses, trolleys, or commuter trains.

This past summer, MTI co-hosted a public "Town Hall Meeting on Our Bicycle Safety Crisis," which featured several speakers addressing the issue. They included Caltrans Director Will Kempton and Caltrans Regional Director Bijan Sartipi, along with Ian McAvoy, Chief of Development for CalTrain, Linda Jackson, Former Olympic Cyclist and Founder of Team TIBCO: Women's Pro Cycling, and several others who gathered at the San Jose (Calif.) City Hall rotunda.

The problems are far reaching. Bicycling advocates say that one solution is to raise motorists' awareness that bicyclists have the right to use the roadways and to firmly enforce existing laws against drivers who collide with bicyclists. Several states have passed laws requiring drivers to give bicyclists a minimum three-foot berth as they pass. Caltrain has about 2,300 bikes on its commuter trains each weekday, which can present storage problems. But they've moved to create policies to solve those issues, such as bike-share programs and real-time capacity information.

The forum has become the basis for research and event planning, especially regarding bicycle storage on light rail and commuter trains, which is becoming a national issue. Bicycle safety education for adults and children is also a timely topic, including best practices. And some people believe that large-volume train stations can follow the example of a Palo Alto station serving Stanford University. It includes a bike rental facility, a bike shop, and bicycle lockers.

These issues, and others like them, will become more important as many people move to bicycles as a transportation alternative.

Garrett Morgan Attracts Middle Schools

MTI's annual Garrett Morgan Videoconference and Symposium on Sustainable Transportation has attracted several middle-schools into the competition. With workbooks provided by MTI, students create ideas for alternative fuels, hybrid vehicles, solar power systems, and other means to achieve more Earth-friendly transportation. Then they present them at a coast-to-coast videoconference. Each school is sponsored by a transportation organization.

The event features a welcoming address from the U.S. Secretary of Transportation, who gives insights about careers in the field. Other transportation leaders also have attended, including former Secretary of Transportation Norman Mineta, Caltrans Director Will Kempton, AASHTO Executive Director John

Horsley, APTA Executive Director Bill Millar, and many others.

To help prepare students for the competition, the participating transportation organizations send an engineer, planner, or other professional into the classroom to answer technical questions and provide guidance on the project. This helps to build a relationship between the students and the professionals, encouraging young people to consider the math and science necessary for a transportation career.

This year's conference is set for the end of March, with the exact date to be determined by the new Secretary of Transportation's schedule. The winning team is given a plaque for its school and a \$1,000 cash prize for the classroom. For more information, go to www.transweb.sjsu.edu, click on the Education link, and then select Garrett Morgan.

MTI Security Center Director Publishes a Book

Brian Michael Jenkins, Director of MTI's Transportation Security Center of Excellence, has published a comprehensive book about terrorism. Titled Will "Terrorists Go Nuclear?," the book



Brian Michael Jenkins, Security Director

analyzes whether our fears match possible reality. Brian starts with the Cold war and brings the reader up to date about the most plausible scenarios. He also asks readers to imagine that they are President when a nuclear blast takes place in New York. What are their choices? What would they do? What would be the consequences?

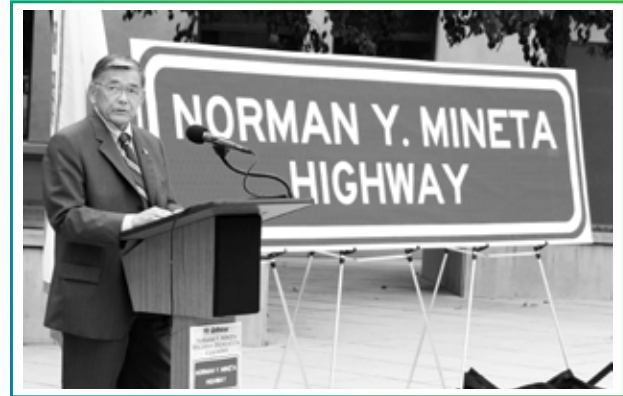
MTI is justifiably proud to have someone of Brian's caliber leading our Center. His expertise in counter-terrorism brings a great deal of valuable insight to our team.

Highway Named for MTI Founder

Under pleasant September skies, a group of friends, family and political leaders met to honor retired U.S. Secretary of Transportation Norman Y. Mineta with a highway named for him. Secretary Mineta began his political career as mayor of San Jose, Calif. and went on to establish himself as a leader in Congress, chairing many important committees, especially those related to transportation issues.

Because of all his transportation-related leadership, Secretary Mineta's name was given to Santa Clara County's highway 85. His large extended family attended the ceremony, which

featured entertainment from the San Jose Taiko drum group, as well as accolades from Caltrans Director Will Kempton, California Assembly Member Sally Lieber, Silicon Valley Leadership Group Executive Director Carl Guardino, Santa Clara County Supervisor Liz Kniss, and MTI Executive Director Rod Diridon, Sr.



Norman Y. Mineta at Highway Inauguration

President Bill Clinton appointed Norman Mineta as Secretary of Commerce, and then President George W. Bush named him as Secretary of Transportation. Almost immediately, his leadership skills were put to the test when the attacks of September 11, 2001 demanded quick and decisive action. He ordered all planes to land as a means to prevent any further hijackings.



Norman Y. Mineta Receives SJSU Sweater at Highway Inauguration

In the following years, Secretary Mineta was instrumental in establishing the Transportation Security Administration. He also chaired the House Public Works and Transportation Committee, the committee's aviation subcommittee, and its Surface Transportation Subcommittee. During his career in Congress, he championed increases in investment for transportation infrastructure and was a key author of the landmark Intermodal Surface Transportation Efficiency Act of 1991. That act became the foundation to establish the Mineta Transportation Institute. MTI is proud that our research institute carries his name.

Mineta Highway Inauguration



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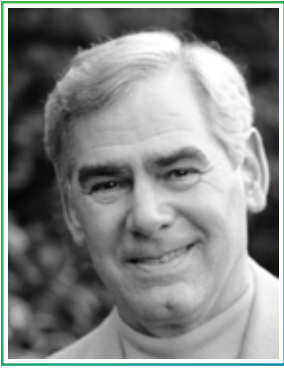


5.



6.

1. Secretary Norman Mineta is interviewed by KLIV 2. Several transportation leaders attend 3. Judo master and Mineta friend Yosh Uchida 4. San Jose Taiko drummers perform 5. Mineta family gathers at the new Mineta Highway Sign 6. Ceremonial sake is poured to celebrate



Directions:

**Rod Diridon,
Sr.
Executive
Director**

**MTI Trustees Lead US DOT
Transition Team**

We're proud that MTI Trustees are among those on Barack Obama's US DOT transition committee. MTI Honorary Co-chair and House Transportation and Infrastructure Committee Chair Jim Oberstar, MTI Vice Chair Mort Downey, and Trustees Steve Heminger and Anne Canby are among the leaders chosen for their expertise. The full committee membership is fluid, with several other MTI Trustees involved both formally and informally. The future of our national transportation programs is in good hands.

**Winter Trustees Meeting Is Hosted
by Bill Millar, President of APTA**

Trustee Bill Millar will host our January 10 Board of Trustees meeting in APTA's office in Washington DC. The Trustees, including House T&I Committee Chair Jim Oberstar, former US DOT Secretary Norm Mineta and others, will meet from 8:30am to 2:30pm to review the remarkable past year and develop strategies for the coming challenges and opportunities.

**MTI's National Transportation
Security Center of Excellence
(MTI NTSCOE) Is Off and Running**

MTI was designated the NTSCOE by both US DOT (in 1998) and DHS (in 2007), with several projects in process. In addition, MTI NTSCOE Director Brian Michael Jenkins and Deputy Director Dr. Francis Edwards are in demand as speakers and as leaders for the most complex and delicate security research and training programs for organizations such as the Port Authority of New York and New Jersey, the California Department

of Business, Transportation and Housing, and others. Compliments to MTI's ITT and Special Projects Director Donna Maurillo and Research Support Manger Meg Fitts for guiding the assimilation of these programs this past year.

**MTI's National Transportation
Finance Center (MTI NTFC)
Delivers Landmark Studies**

After years of nurturing by MTI Research Director Trixie Johnson, the MTI NTFC, directed by Dr. Asha Agrawal, has published several groundbreaking studies identifying new transportation funding sources to augment the declining gasoline taxes. More importantly, Dr. Agrawal's studies conducted for Caltrans have ranked the funding sources in terms of voter acceptance as a result of several large-sample surveys. Additional related research is in process.

**The best of the new year to each of you
from the MTI Board of Trustees, students,
professors, research associates, and staff!**

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