

## VITA

James Chang

### Education

- Ph.D., Civil and Environmental Engineering (Transportation), Virginia Polytechnic Institute and State University, 1998-2002
- M.S., Civil and Environmental Engineering (Transportation), University of Massachusetts Amherst, 1997
- B.S., Computer Science, Massachusetts Institute of Technology, 1995

### Employment History

2001-Present	Senior Analyst – Mitretek Systems, Falls Church, VA
1998-2001	Research Associate – Virginia Polytechnic Institute and State University, Falls Church, VA
1996-1997	Transportation Planner – Pioneer Valley Planning Commission, West Springfield, MA
1996	Research Assistant – University of Massachusetts Amherst, Amherst, MA

### Publications / Conference Proceedings

- Collura, J., Chang, J., Willhaus, E.W., and Gifford, J.L. "Traffic Signal Preemption and Priority: Technologies, Past Deployments, and System Requirements". Conference Proceedings, ITS America 11th Annual Meeting, 2001.
- Gifford, J.L., Pelletiere, D., Collura, J., and Chang, J. "Stakeholder Requirements for Traffic Signal Preemption and Priority: Preliminary Results from the Washington, DC Region". Conference Proceedings, ITS America 11th Annual Meeting, 2001.
- Collura, J., Chang, J., and Carter, M., "Seattle Intelligent Transportation System Information Backbone". *Transportation Research Record* 1753, pp. 111-117.
- Collura, J., Chang, J., and Gifford, J.L., "Traffic Signal Priority Strategies for Transit: A Review of Selected Experiences in the United States". Proceedings, 7th World Congress on Intelligent Transportation Systems, Turin, Italy, November 6-9, 2000.
- Chang, J., and Collura, J., "Integrating Public Transportation Facilities and Equipment Management Systems into the Capital Planning Process". *Transportation Research Record* 1618, 1998, pp.96-102.