

# NEWSLETTER

Winter 1999, Issue

## In This Issue

- Upcoming Events
- Hon. Patricia Nelson Luncheon  
February 26, 1999
- Research Feature
- Global Crossroads Update
- New Corporate Members
- Transportation Theme School  
Project
- Publication
- VHI Members

## The Van Horne Institute

Room 620, Earth Sciences Building  
The University of Calgary  
2500 University Drive NW  
Calgary, Alberta T2N 1N4  
**PHONE:** (403) 220-8455  
**FAX:** (403) 282-4663  
**E-MAIL:** van.horne@enterprise.  
cybersurf.net

## Key Contacts

PETER WALLIS, *President & CEO*

VIVIAN PANDER, *Programs Manager*

CARLA FREDE, *Executive Assistant*

ANNA GIBSON, *Secretary*

**CENTRE FOR REGULATORY AFFAIRS AND CENTRE FOR TRANSPORTATION**

ALEXANDER BLACK, *Executive  
Director*

**The Van Horne Institute** has been established to address important **transportation** and related **regulatory** issues confronting industry and government, in North America and internationally, through research and education.

**The Institute** was incorporated federally in 1991 as a not-for-profit organization,

## UPCOMING EVENTS

The **Centre for Regulatory Affairs** is planning a number of events this spring. On April 28th, a one-day seminar will be held in Calgary on ***The New World in Gas Transmission: Regulatory Reform and Excess Capacity***. Speakers will address topics such as: recent regulatory and competitive developments in gas transmission in Canada and the U.S.; regulation versus competition - market power; competing visions for the future - the viewpoint of industry; understanding the implications of competition - toll structures and service offerings, secondary markets and capacity/entry issues.

A ***Regulatory Economics*** course was offered in Edmonton in November and will be repeated again this spring in Calgary. This course is targeted towards individuals without formal training in regulatory economics, but who would benefit from a general introduction to the main concepts, theories, and practice of economic regulation. Stay tuned for additional announcements on events that will be offered on topics such as electricity deregulation, local gas distribution and competition in Alberta, and witness preparation for regulatory hearings.

The **Centre for Transportation** is continuing to offer the course, ***Physical Distribution & Logistics*** during the winter 1999 term. This course is offered in partnership with the Canadian Institute of Traffic and Transportation, and is one of CITT's core courses towards its transportation designation. ***Executive Strategies for Transportation Projects*** is also offered this winter 1999 term; targeted at executives and managers. Participants work in groups to determine the best transportation practices using the case study method.

A one-week block course was held the first week in January on ***Decision Support Systems and Environmental Planning in the Transportation and Related Sectors***. Taught by Dr. Bryan Massam, Professor at York University, the course was highly successful, and will be offered again in 1999. Some examples of projects done by students in the class include: sour gas well site selection, finding the best location for an airport, transportation solutions for Southwest Calgary, alternative sites for construction of a railway siding, and a core access improvement project for Canmore, Alberta.

Another course under development for spring is ***Process-Based Modeling in Transportation***, featuring a Systems Dynamics (SD) modeling approach to transportation issues. SD modeling involves capturing the underlying variables, interactions and patterns of feedback, which results in the behaviour of transportation systems, is-

## HON. PATRICIA NELSON LUNCHEON

sues and problems. The power of this approach is in its flexibility to represent the entire life cycle of problems, as well as to integrate management, operational, financial and risk variables.

For further information on events being planned by the Centres or if you would like an event brochure mailed to you, please call the Institute.

The Honourable Patricia Nelson, the Alberta Minister of Economic Development,

## RESEARCH FEATURE

will be speaking at the Calgary Chamber of Commerce on Friday, February 26, 1999 at a luncheon. She was first appointed Minister of Energy in 1992, and then Minister of Economic Development in 1997. She has served as Deputy Government House Leader since 1993. The Minister will discuss how a first-class transportation system is essential to the economic fortunes of the province, as well as explain what the province is doing to ensure the quality of our system.

The Institute would like to feature some of the exceptional academic resources available at both the University of Calgary and the University of Alberta. The following individuals specialize in various aspects of transportation, communications and regulatory affairs:

### UNIVERSITY OF CALGARY

- ◆ **DR. JEFFREY CAIRD**, Assistant Professor, Department of **Psychology**. Research interests: transportation human factors, such as IVHS collision avoidance, validation of driving simulation, long distance hauling and ergonomics.
- ◆ **DR. JEFFREY CHURCH**, Associate Professor, Department of **Economics**. Research interests: network externalities, strategic competition, entry deterrence, the law and economics of abuse of dominant position, intellectual property rights, incentive regulation and the introduction of competition to regulated markets.
- ◆ **DR. LISA CORMODE**, Sessional Instructor, Department of **Geography**. Research interests: economic and transportation geography; globalization; labour markets for the movement of professional, managerial and technical workers.
- ◆ **DR. THOMAS GROSSMAN**, Associate Professor, Operations Management, Faculty of **Management**. Research interests: pricing and operating value-added products in a deregulated natural gas market, call centre operations management, and airline yield/revenue management.
- ◆ **DR. ADAN HOLLIS**, Assistant Professor, Department of **Economics**. Research interests: competition policy and the control of market power [in domestic and international settings], self-regulating credit cooperatives and self-regulatory mechanisms for other industries.
- ◆ **DR. J. DOUGLAS HUNT**, Professor, Department of **Civil Engineering**. Research interests: transportation planning, engineering economics, urban land use and transport modeling, the Channel Tunnel project for British Rail.
- ◆ **DR. VERNON JONES**, Professor and Associate Dean (External), Faculty of **Management**. Research interests: marketing strategy and financial services marketing, as well as management and executive education.
- ◆ **DR. THOMAS KEENAN**, Dean and Professor, Faculty of **Continuing Education**. Research interests: technology-based learning, computer systems, security and public policy. Recipient of the 1995 Van Horne Institute Resident Fellowship.
- ◆ **DR. ANDREW MACIVER**, Assistant Professor, Department of **Civil Engineering**. Research interests: transportation impact assessments, transport modeling & travel analysis,

### **RESEARCH FEATURE - CONT.**

sustainable transportation, intelligent transportation systems and transport policy.

### **NEW MEMBERS**

- ◆ **DR. ROBERT MANSELL**, Professor and Head, Department of **Economics**. Research interests: regulatory economics, specifically, deregulation; incentive regulation; energy/transmission system regulation/deregulation; economic principles of rate making; implications and effects of regulation; utility reliability determination and evaluation; and regulation and competitive issues.
- ◆ **DR. DAVID MITCHELL**, Associate Professor, Graduate Program in Communications Studies, Faculty of **General Studies**. Research interests: communication theory, Canadian communications and cultural industry policy, the social context of information and communications technology, and distance learning.

### **TRANSPORTATION THEME SCHOOL PROJECT**

- ◆ **DR. JOHN MORRALL**, Professor, Department of **Civil Engineering**. Research interests: road design, urban goods movement, urban transportation, transportation modeling.
- ◆ **DR. ANTHONY PERL**, Associate Professor, Department of **Political Science**. Research interests: the organizational and political dynamics that influence transportation finance, ownership and management, in areas such as airport planning, high speed rail, sustainable and urban transportation.
- ◆ **DR. THOMAS ROHLEDER**, Associate Professor, Faculty of **Management**. Research interests: scheduling analysis and operations management.
- ◆ **DR. WILLIAM SHAW**, Professor, Department of **Mechanical Engineering**. Research interests: materials (fatigue and corrosion science). Recipient of the 1998 Van Horne Institute Resident Fellowship.
- ◆ **DR. EDWARD SILVER**, Carma Chair and Professor, Operations Management, Faculty of **Management**. Research interests: various aspects of operations management, in-

### **GLOBAL CROSSROADS UPDATE**

### **PUBLICATION**

dustrial engineering and operational research.

- ◆ **DR. NIGEL WATERS**, Professor, Department of **Geography**. Research interests: transportation, economic and urban geography; computer mapping; geographic informa-

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 Alberta Energy & Utilities Board  
 Alliance Pipelines Ltd.  
 Bennett Jones  
 Blake, Cassels & Graydon  
 Calgary Airport Authority  
 Calgary Transportation Authority  
 Canadian Airlines International Ltd.  
 Canadian Freightways Limited  
 Canadian National Railway Co.  
 Canadian Pacific Limited  
 Canadian Transport Lawyers Association  
 Cargill Limited  
 Delta Airlines, Inc.  
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