OUTREACH AWARD

UNIVERSITY OF MANITOBA OUTREACH AWARD TO DR. BARRY PRENTICE

In November 1999, Transport Institute Director Dr. Barry Prentice was among 25 members of the University of Manitoba community presented with Outreach Awards for their contribution to enhancing the outreach activities of the university. The Award is in recognition of Dr. Prentice’s lifelong commitment to education, research and public service in Manitoba’s transportation sector. Dr. Prentice was also named “Manitoba Transportation Person of the Year” for 1999.

Dr. Prentice’s outreach activities are extensive. In addition to his service on numerous boards and committees, he provides the public with critical commentaries on emerging developments in both the transportation and agricultural industries through countless radio, television and newspaper interviews.

The Institute’s most important outreach activities are its annual conferences and its seminars on important topics of the day. In the Institute’s November 1999 “Fields on Wheels” Conference, participants debated issues related to Justice Estey’s report on Canada’s grain transportation system. Conferences such as “Fields on Wheels” provide a forum for expert opinion and thus contribute to greater public awareness of very complex economic and political issues.

IN THIS ISSUE.....

- Outreach Award
- Geographic Information System
- Certificate in Logistics Program
- Research at the Transport Institute
- H.R.D.C. Internship Program
- Upcoming Conferences
- Staff News
- Library Additions
- Transportation Calendar 2000
Transportation planning has become a priority issue for Municipal governments. The growth of value-added industry and livestock production on the prairies coupled with rationalization of the grain-handling network has placed an additional burden upon municipal and provincial road networks. Agricultural trucking is increasingly shifting from localized, to regional, to long haul movements - typically by tractor-trailer units. Many municipalities are also experiencing change and growth in other types of trucking, associated with non-agricultural economic activity both within and beyond their own boundaries. In certain cases, these increases in trucking may have little or nothing to do with the economic activity of an individual municipality itself -originating and destined for places beyond. This is occurring at a time when Municipalities are facing financial constraints from a declining population base.

In this changing environment, there is a need to develop practical road management tools and a related information base to assist Municipalities in the planning, programming, investment, maintenance, and management of their road networks.

From May to September 1999 a pilot project was undertaken to explore the technical and practical feasibility of utilizing a centralized Geographic Information System (GIS) as a tool for managing municipal road networks from both a global and local perspective.

The pilot project was initiated under the auspices of the Association of Manitoba Municipalities (AMM) as an exploratory research project to address concerns about the impact of increasing and changing truck traffic on municipal roads. The primary objective was to find means and ways of managing this activity in a cost-effective manner while continuing to enhance rural economies. Financing for the pilot was provided by three parties, 1) The six participating municipalities of Victoria, Grey, Cartier, Portage La Prairie, North and South Norfolk, 2) a grant provided by Manitoba Department of Highways and Transportation (MDHT), 3) the Prairie Farm Rehabilitation Administration (PFRA) under the Canadian Agriculture Infrastructure Program (CAIP).

The University of Manitoba Transport Institute (UMTI) conducted project administration with GIS work contracted to the University of Manitoba Transportation Information Group (UMTIG), from the Faculty of Civil Engineering.

The scope of the pilot utilized the TRANSCAD Geographic Information System (GIS) to generate graphical representations of commercial traffic generators - that is, linking agricultural and other business activity to road use for municipal asset management, economic planning, road policy development and provision.

The pilot demonstrated that linking several databases to the GIS system was technically possible. However, for the system to function as envisioned, requires considerable forethought to database design, personnel training, method and frequency of collection.

Given the success of the pilot project to link economic activity, road use, and asset information within a single system, a province wide program could provide enhanced road network management capabilities for rural municipalities.

Figure 1 - Pilot Study Area

CERTIFICATE IN LOGISTICS

CONGRATULATIONS

Dr. Barry Prentice presents Dawn Klatt and Michael Wallewein with their Certificate in Logistics.

The Transport Institute is pleased to recognize recent graduates of its Certificate in Logistics Program. The certificates were presented at the 4th Annual Fields on Wheels Conference on November 22, 1999 to:

Dawn Klatt, a Warehouse Management System User Analyst and Office Manager with The North West Company.

Michael Wallewein, Manager, Customer Services Western Region with DeckX.

Currently there are 184 students registered in the Certificate Program. Four more graduates will receive certificates at the National Transportation Week Luncheon on Monday, May 29, 2000 at the University Club.

COURSE REQUIREMENTS:
Recent discussions with CITT representative Catherine Viglas have changed course requirements. It has been decided that only Commercial Law I (or Business Law I as it is called at Red River College) will be required as one complete component for Level CITT, provided that the student takes the Level 3 course ‘Legal Issues in Transportation’ offered at the University of Manitoba. To obtain the Red River College ‘Transportation and Distribution Management’ certificate a student would have to complete both Business Law I and II.

CREDIT COURSES SPRING 2000
Spring is in the air and Marketing Services will be offered again every Tuesday and Thursday night starting on April 18, 2000. The lecturer is Paul Nyhoff. The text is Services Marketing (1998) by D.L. Kurtz and K.E. Clow.

CREDIT COURSES FALL 2000
September 2000 will see the following courses being offered:
- Logistics Fundamentals
- Economic Applications in Transportation
- Risk Assessment & Safety
- Marketing Services.

2000 SPRING COURSE
- Marketing Services
  Tuesday, April 18, 2000

PRE-REGISTRATION FALL COURSES
- Risk Assessment & Safety
  Tuesday, September 5, 2000
- Logistics Fundamentals
  Wednesday, September 6, 2000
- Economic Applications Transportation
  Wednesday, September 6, 2000
- Marketing Services
  Thursday, September 7, 2000

All courses are $495.00. Admission fee is $50.00. Make cheque payable to University of Manitoba. To register, fax this form to 474-7530.

Name: ____________________________
Address: ___________________________
Phone: _____________________________
Fax: _______________________________
E-mail: ____________________________

AGREEMENT NUMBER 1472348
Research

The new research projects currently in progress at the Institute reflect the diverse multi-disciplinary skill sets found at the Institute.

Containerization (L.P.G.): Jake Kosior.

Containerization of agriculture commodities is now occurring worldwide. The Transport Institute has embarked on a project to measure the performance of containerized versus bulk grain forwarding. The scope of the project includes the end customer’s costs of handling the product at the factory gate as part of the “total cost concept”. Product flows through the bulk and intermodal pipelines are only one dimension. Information, financial “cash” flows, product loss and risk are also important elements that will be part of the analysis.

Transportation Heritage & Technology Centre:

Linda Christian. The Institute is working on a business plan for the development of a new museum in Winnipeg. The Transportation Heritage and Technology Centre is to be a world class transportation and technology centre. The Centre will exhibit transmission and communications technology as well as marine, aviation, automobile, motor carrier, rail and transit, police and fire-fighting vehicles. Exhibits will situate collections in the context of modern Canadian history and the development of science and transportation technology globally. Temporary exhibits will explore issues of contemporary relevance.

Air Cargo Study: Michael Crockatt and Scott Shurvell

This project is designed to stimulate trade along the Mid-Continent International Trade Corridor. In partnership with the Winnipeg Airports Authority, Manitoba Trade, the City of Winnipeg, and Economic Development Winnipeg, the Transport Institute is investigating the possibility of new air cargo service in the region. A similar group is conducting a parallel study in Kansas City.

Rate Cap Study: Dr. Barry Prentice, Tamara Thomson & Otto Lang (SECOR)

The Transport Institute has been approached by the SECOR group, on behalf of W.E.D. Canada, to help review the effects of the proposed revenue cap on the railway branchline system for hauling of prairie grains. The study will assess the effects of the implementation of the recommendations of Estey and Kroeger for a “revenue cap” on movements of western grain to port on railway lines. Research and analysis will focus on how the revenue cap might affect the viability of branch lines, the future of individual producers and the economies of affected communities.

H.R.D.C. Internship Program

Most of the 10 participants in the 1998/99 Transport Air Internship Program (TIP) have found employment in transportation or related industries. Recently, two participants in the program joined Canada’s railways. Canadian National Rail recruited Scott Shurvell into their management-training program while Canadian Pacific Railway’s grain marketing group has hired Zhaokun Wang.

The internship program entered its second year in September 1999, smaller in scale but broader in scope, as it includes the participation of companies or organizations in Australia and Europe as well as the U.S. The international component allows the exchange of experiences, practices and ideas. Transportation and logistics are global. The relevance of the international experience shows through the experiences of recent interns.

From September to January 2000, Sean Stewart worked at GrainCo Australia in their containerized grain sector. There are significant export market opportunities for smaller lots of specialty grains shipped in containers.

Four other HRDC participants are in the first stage of the internship program, working at the Transport Institute. Typically they sit in on the Institute’s logistics classes. All four will be joining their international host organizations in the next few months. The HRDC program builds on the synergies and opportunities coming out of the Mid-Continent International Trade Corridor. For example the Institute has ties to Kansas City, which is an important agricultural and transportation center with similarities to Winnipeg and Manitoba. Kansas City will host at least one more HRDC intern.

Meyer Lapkin, B.A. (Econ.) joined the Institute in November. This February, Meyer joined the Mid-America Regional Council in Kansas City, working to implement an important intermodal planning study. Kansas City is a three-month assignment. Tamara-Jo Thomson, M.Sc. (Ag. Econ.) began work in January. Her experience as an agricultural policy analyst is proving invaluable. In the HRDC program she will be working on the challenges facing value-added agri-products. She too may go to Kansas City.

The newest participants are recent Bachelor of Commerce graduate Ryan Kalmacoff and Connie van Rosmolen from Agricultural Economics. Ryan’s interests are in international trade and logistics. Connie is interested in the new CargoLitter technology.
The Canadian Transportation Research Forum invites you (and your companion/family) to attend its 35th annual conference to be held in Charlottetown - Canada’s birthplace. This year’s conference should prove to be the most exciting forum to be hosted in Charlottetown since the Fathers of Confederation met in 1864. The recent announcement of WestJet flights from Winnipeg to Moncton makes the P.E.I. venture very affordable and an opportunity to drive across the new Confederation Bridge.

The Opening Plenary, *Transportation Commercialization: How is it Going?* will be led by the former Deputy Minister of Transport Canada, Nick Mulder, and includes such distinguished presenters as: John Crichton from NavCan, Mitch MacLean of Bay Ferries, Paul Benoit of Ottawa Airport, Louis Ranger from ADM Transport Canada and George Davies from Hagler Bailly and former Deputy Minister of the Ontario Ministry of Transportation. Once again, we are looking forward to a dynamic transportation conference. The CTRF provides a tremendous opportunity to network with Canada’s transportation professionals. Discover what is happening in the industry today. Plan to attend the Charlottetown conference. Please refer to the enclosed registration form for further details.

Please register me for National Transportation Week

☐ $50.00 per Person (Seminar & Lunch)
☐ $35.00 per Person (Lunch Only)
☐ $180.00 per Table of Six (Group Rate for Lunch Only)

Name: ____________________________
Position: ____________________________
Company: ____________________________

Transport Institute, University of Manitoba
631-181 Freedman Cres.
Winnipeg, MB R3T 5V4

Phone: ____________________________
Fax: ____________________________
E-Mail: ____________________________

Deadline for Registrations: May 24th, 2000

The Transport Institute will host this year’s National Transportation Week Monday, May 29, 2000. Presentations for the morning session will take place at the Drake Centre. They will be followed by the annual NTW Awards Luncheon at the University Club.

This year’s theme is Northern Transportation Issues. Invited speakers include Arthur Mauro, O.C., Q.C., KSG, LLD, D.Comm. and the Honourable Steve Ashton, Minister of Highways and Government Services for the Province of Manitoba (confirmed).

The theme is a timely one, particularly for the Transport Institute. Senior Research Associate Jake Kosior is preparing a paper to be presented to the Northern Chiefs and Mayors Conference at Churchill in March. The paper highlights the technical aspects of intermodalism, marketing and logistics and discusses methods to integrate northern transportation systems with southern markets.

At the NTW Awards luncheon, the National Transportation Week Awards will be presented, and the latest graduates in the Certificate in Logistics program will receive their certificates.

To register for National Transportation Week, please fax the form below to the Transport Institute at (204) 474-7530, or mail it to the address shown.
STAFF NEWS

Our Senior Research Associate, Jake Kosior attended the AgraEurope Identity Preservation Conference in London last December. The conference looked at the impact of Genetically Modified Organisms (GMOs) on transportation and logistics. The conference provided important input to Jake’s containerization project.

A function of the Transport Institute is to provide the opportunity for graduates to “bridge the gap” between academia and industry. We are pleased to announce that Zhaokun Wang and Scott Shurvell are ‘graduating’ from the Transport Institute. Mr. Wang is now working with CP Railway’s grain marketing group and Mr. Shurvell will be working with CN Rail. We wish them both success in their new careers. Scott and Zhaokun have been valuable contributors at the Institute and are now moving into valued roles in industry.

Victor Rueda, a recent U of M graduate (B.Com) joined the Transport Institute on a full-time basis in February. Victor won a scholarship to attend the North American Student Forum conference in Veracruz, Mexico. He was one of only four Manitobans selected. Victor has extensive air passenger marketing research experience.

CargoLifter Airship: Past and Future Combined

On March 1, 2000, the Transport Institute hosted the CargoLifter Airship Conference at the University of Manitoba. Mr. Tom Boyle, Vice-President of CargoLifter Inc. was the guest speaker. The conference was well-attended by representatives of the air freight industry, Winnipeg Airports Authority, members of the transportation and logistics industry and various government departments. This conference provided a fascinating look into the past history of the airship, as well as providing a glimpse into its promising future. CargoLifter’s first airship will be tested in prototype during 2001-2002. Full certification and manufacturing of commercial cargo airships is expected to begin in 2004. For further information on the CargoLifter Airship, please visit their website at www.cargolifter.com.

ALBERT D. COHEN LIBRARY ADDITIONS

• Aerospace and Defence Electronics: Overview and Prospects (HC11535151999)
• Rail and Guided Urban Transit Equipment (HC11535381996)
• Transport Networks in Europe: Concepts, Analysis and Policies (HE242A27T31998)
• 1st Annual Fields on Wheels Conference Proceedings (HD9014C33M271996)
• 2nd Annual Fields on Wheels Conference (HD9014C33M271997)
• Operating Costs of Trucks in Canada (HE5635A431984)
• Flying into the Future: Air Transport Policy in the European Union, Button, K. (HE9842A4B81998)
• Aircraft and Aircraft Parts (HC11535141996)
• Automotive Industry (HC11535171996)
• Bus Manufacturing (HC11535191996)
• Logistics and the Extended Enterprise: Benchmarks and Best Practices for the Manufacturing Professional (HD38.5L6571999)
• Aviation Terrorism and Security (HE9797.4S4A941999)
• CTRF: Proceedings of the 33rd Annual Conference (HE215174no.331998)
• Sustainability and Cities: Overcoming Autonomy and Dependence. Newman, P., (HE305N4831990)
• The North American Auto Industry under NAFTA (HF2651A6N761998)
• Trucking in Canada 1998 (HE5635A6N59)
• The Economics of Railroad Safety, Savage, L. (HE1780S281998)
• The Transit Metropolis: A Global Inquiry, Cervero, R. (HE305C471998)
• Twilight on the Bay: The Excursion Boat Empire of B.E. Wells, Cudahy, B.J. (HE566E9W5531998)

Reference Library

• Transit Fact Book (HE4441A551998)
• Moody’s Transportation Manual (HG4971M741998)
TRANSPORTATION CALENDAR 2000

March 17 - Winnipeg Chamber of Commerce Transportation Committee Meeting. Winnipeg, MB. For further information call (204) 944-8484.

March 23 - Winnipeg Chamber of Commerce presents Steve Smith, President, WestJet Airlines Ltd. at their March Membership Luncheon. Phone (204) 944-8484 for details, or visit their website at www.winnipeg-chamber.com.

April 6-8 - Manitoba Trucking Association 68th Annual Convention. 'In Touch With the Future' Winnipeg, Manitoba. Contact Bob Wilks at (204) 632-6600 for further information.

April 11-13 - 2nd Asia-Pacific Conference and Exhibition on Transportation and the Environment. Beijing, China. For further information please e-mail: tesc@iiec.ac.cn.


April 12-13 - WESTAC Annual Meeting, members only. Winnipeg, MB. E-mail: keopner@westac.com for further details.

April 21 - Winnipeg Chamber of Commerce Transportation Committee Meeting. Winnipeg, MB. For more information, please call (204) 944-8484.

May 9-11 - Third International Meeting for Research and Logistics, Trois Rivieres, Quebec. Contact Marc Desaulniers at (819) 376-5235, ext. 4038 for further details, or visit their website at www.ucgtr.uquebec.ca/RiRL2000.

May 19 - Winnipeg Chamber of Commerce Transportation Committee Meeting. Winnipeg, MB. For further information, please call (204) 944-8484.


May 29 - National Transportation Week Awards Luncheon at the Transport Institute. Winnipeg, MB. Contact Jill Dutka at (204) 474-9097 or visit our website at www.umanitoba.ca/transport_institute.

May 29 - Northern Transportation Seminar at the Transport Institute. Winnipeg, MB. Contact Jill Dutka at (204) 474-9097.

June 3-7 - 2000 Cuta Annual Conference: Public Transportation - Moving to a Healthier Environment. Victoria, B.C. For further details, please contact Anesha Tilma of CUTA at (416) 356-9800, ext. 116.

June 4-7 - The 2000 Annual CTRF Conference in Charlottetown, PEI. E-mail: gail.sparks@vemax.ca to register. For a conference program, please contact Eric Hildebrand at (306) 453-4521, or visit CTRF's website at www.vemax.ca/ctrf.

June 4-10 - National Transportation Week. Canada. Contact Jill Dutka at (204) 474-9097 for more information.


June 16 - Winnipeg Chamber of Commerce Transportation Committee Meeting. Winnipeg, MB. Phone (204) 944-8484 for more details.

June 18-22 - 6th International Symposium on Heavy Vehicle Weights and Dimensions. Saskatoon, SK. For more information, please phone (306) 787-5672.

July 21 - Winnipeg Chamber of Commerce Transportation Committee Meeting. Winnipeg, MB. For further information, please call (204) 944-8484.


October 1-4 - TAC Annual Conference and Exhibition. Edmonton, AB. For more information, please e-mail: gcmoir@tac-atc.ca.

November 20 - 5th Fields on Wheels Conference. Winnipeg, MB. Contact Jill Dutka at (204) 474-9097 for more details.

November - CTRF: Semi Annual Conference. For more information, please e-mail: gail.sparks@vemax.ca.
The Transport Institute

Barry E. Prentice, Ph.D., P.Ag., MCIT
Director
Doug Duncan, CA
Strategy & Business Development Advisor
Jake M. Kosior, M.Sc., P.Eng., (Mech. Eng.)
Senior Research Associate
Jill Dutka
Executive Co-ordinator
Kathy Chemelnytski
Secretary/Receptionist
Marlin Fernando
Computer Technician

RESEARCH ASSOCIATES
Wade Derksen, MA Hist.
Darren Gorman, M.A., Econ., CSC
Darren Prokop, Ph.D. Econ.
Scott J. Shurvell, MA, Econ.

RESEARCH AFFILIATES
Linda Christian, MA (Ph.D. candidate - Hist.)
Michael Crockett, (M.A. candidate - Geo.)
Ryan Kalmacoff, B.Com. Finance
Meyer Lapkin, BA (Advanced) Economics
Mark Ojala, BA (Geography, Spanish)
Victor Rueda, B. Comm. (pending)
Sean Stewart, B.Sc. Agri-Business
Tamara Thomson, BSc., MSc (Ag. Economics)

PROFESSIONAL LECTURERS
Mike Dobell
Barry Feller, MBA
Jim Foran, Q.C., LLB
Allan Foran, LLB
Allister Hickson, Ph.D.
Paul Nyhof, (Ph.D. candidate, DBA)
Winston Smith, LLB
Warren Thompson, MBA
Gail Zabradnitzky, MA, MCIT

PROFESSIONAL ASSOCIATES
Ed Bruning, Ph.D. Econ.
Douglas Campbell, BA, B.S.A., P.Ag., MCIT
Graham Dixon, C.D.
Terry Duguid, B.Sc. (Hon), M.E.Des. (Biology)
Sheldon Fulton, B.Sc., MBA
Al Phillips, B.Sc., M.Sc., P.Ag.
Stewart Fay, BA, MBA

EXTERNAL ADVISORY COMMITTEE
Dean Harold Bjarnason
Faculty of Agricultural and Food Sciences
Mr. Jack Blandford, Director of Transportation
Gerdau MRM Steel Inc.
Mr. Douglas Campbell, President
Campbell AgriBusiness Strategists, Inc.
Mr. Gary Coleman, President
Big Freight Systems Inc.
Mr. Michael Roy Dobell, Branch Manager
Kuehne & Nagel International Ltd.
Mr. Robert Gabor, Q.C., Farmer
Akins, Macaulay & Thorvaldson
Dr. Gary Glavin, Assoc. Vice-President (Research)
University of Manitoba
Mrs. Hilary Goldenberg, President
Thunder Bay Terminals Limited
Mr. William Hilash, General Logistics Manager
Palliser Furniture
Mr. Sandy Hopkins, Chairman of the Board
Winnipeg Airports Authority
Mr. Andrew T. Horosko, Deputy Minister
Manitoba Highways & Government Services
Mr. T.A. (Tom) Kleysen, President & C.O.O.
Kleysen Transport
Hon. Otto Lang, Business Consultant
Secor
Mr. Henry Laslo, MCIT, P.Log., CITT
Manager, Corporate Logistics
Mr. Chris Lorenc, President
Infrastructure Council of Manitoba
Mr. Gordon Miles, Executive Vice-President
Canadian Wheat Board

DISPATCH
The Transport Institute produces this bulletin on a quarterly basis. If you have any questions or comments, or would like to be added to our mailing list, please contact Jill Dutka at:
Phone: (204) 474-9097 Email: jduka@ms.umanitoba.ca
Editor: Kathy Chemelnytski
Visit our Web Site at: www.umanitoba.ca/transport_institute