



The Transportation Center

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NORTHWESTERN
UNIVERSITY

The State of the Aviation Industry

The Icarus Society Inaugural Meeting Friday, December 1, 2006

Featured speakers

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| Aaron J. Gellman | Professor
Northwestern University |
| Matt Andersson | Senior Aviation Consultant
Aerospace, Defense and Transportation
CRA International, Inc. |
| Joseph Schwieterman | Director
Chaddick Institute for Metropolitan Development
DePaul University |

Moderator

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| Vicki Bretthauer | Aviation Consultant
DLS Associates |
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Speaker Profiles

Aaron J. Gellman

Aaron J. Gellman is a noted transportation economist and aviation authority. He is former Director of the Northwestern University Transportation Center and currently holds faculty appointments in the McCormick School of Engineering and Applied Science and the Kellogg School of Management.

Dr. Gellman is the founder and former President of Gellman Research Associates, Inc. (GRA), with over twenty years experience in consulting. He served for twenty-four years as an Adjunct Professor at the University of Pennsylvania, offering graduate courses in transportation and in the management and utilization of technology.

Dr. Gellman has published numerous articles on transportation economics and policy, research and development, the regulation of transportation, and the management and utilization of research and technology. Research projects in which Dr. Gellman has recently been engaged include an analysis of the prospects of the Airbus A380, the economic evaluation of an innovative method of handling intermodal freight traffic, and the identification and evaluation of the catalysts and barriers to innovation in transportation enterprises. He is also studying means by which new air traffic management technology and techniques can be brought into widespread use quickly and efficiently.

Dr. Gellman is a member of the Federal Aviation Administration's Research, Engineering and Development (R,E&D) Subcommittee on Safety and Air Traffic Services, the American Economic Association, the Transportation Research Forum, the Transportation Research Board and the American Railway Engineering Association. Since 2003, Dr. Gellman has served on the Advisory Board of the Panama Canal Authority.

Dr. Gellman received the 1995 Salzberg Honorary Medallion for Outstanding Achievement in the Field of Transportation. He was President of the Transportation Research Forum 1998-99.

Dr. Gellman received a B.A. in Economics from the University of Virginia, an M.B.A. in Transportation from the University of Chicago and a Ph.D. in Economics from the Massachusetts Institute of Technology.

Matthew G. Andersson

Matt Andersson has over 25 years of civil commercial aviation operations, investment and management experience in the business and regional aviation sectors. He is Senior Aviation Consultant with CRA International (Charles River Associates), a leading global economics, business and litigation consulting firm and supports their aerospace, defense and transportation practices.

Mr. Andersson's areas of expertise include corporate and business unit strategy, technology assessment and commercialization, business planning, financial structuring, privatization and investment advisory and transaction. He has advised senior government officials on aviation and telecommunications policy and also acts in an expert capacity in litigation and regulatory related activities. He has published widely and is a frequent speaker at industry and government conferences. In 2005 his book, *The New Airline Code*, was published.

In 1998 he founded *Indigo*, the nation's first corporate jet airline, backed by American Express Corporation, the world's largest travel services firm, and Empresa Brasileira de Aeronautica SA—Embraer—the world's third largest aircraft manufacturer offering affordable corporate jet service for frequent business travelers. As chairman and CEO of *Indigo*, he managed start-up strategy and operations planning, regulatory design and development, venture capital raising, aircraft and asset finance and co-branding and marketing. In 1996 he formed InvestJet, a company that produced structured aircraft investments in business aviation

He is a dual-rated Airline Transport Pilot with over 10,000 hours total time in jet aircraft. He earned an M.B.A. from the University of Chicago and holds an A.B. from the University of Texas at Austin where he studied development economics. A commercial pilot since age 19, he graduated from the Aeronautical Science and Flight Technology program of Embry-Riddle Aeronautical University.

Joseph P. Schwieterman

Joseph P. Schwieterman, Ph.D., has published extensively on the economics of inner city transportation and is a long-standing contributor to the Transportation Research Board (TRB), a unit of the National Academy of Sciences. His work appears in such scholarly journals as *Regulation*, *Journal of Asian Business*, *Transport Reviews*, and the *Journal of the Transportation Research Forum*. He is the author of *Air Cargo and the Opening of China*, a book published by the University of Hong Kong Press in 1994, and has testified on transportation issues before a subcommittee of the U.S. Senate.

As the Director of DePaul's Chaddick Institute, which promotes effective urban planning, Professor Schwieterman is also actively involved in research about economic development in the Chicago region. He has served as Vice President of the Metropolitan Conference on Public Transit Research and as an officer of TRB's Aviation Economics and Forecasting Committee. He also has eight years of professional experience working in the transportation industry.

Professor Schwieterman's most recent work includes a book about the abandonment of American Railroads, entitled *When the Railroad Leaves Town, and Shaping Contemporary Suburbia: Perspectives on Development Control in Metropolitan Chicago*, an illustrated monograph co-written with Martin Toth, a graduate of the Public Services Graduate Program. He also frequently appears as an expert on the TV show *Chicago Tonight* and is a regular guest who discusses transportation topics on WBBM Radio 780's Noon Business Hour.

Vicki Bretthauer

Vicki Bretthauer is an airline industry consultant for DLS Associates and formerly DHL Airways' President and COO. She also has held operational and administrative positions at United Airlines and Reno Air. Her responsibilities have included Maintenance, Engineering, Flight Operations, Airline Operations, Safety and Information Technology. Bretthauer has a B.A. from Rice University and is a member of the Board of Trustees for the university. She also served as President of the Association of Rice Alumni. She has a Master of Management (M.B.A.) from the Kellogg School at Northwestern University and is a member of the Business Advisory Committee of Northwestern's Transportation Center. She has also served on the ATA's Senior Advisory Committee and Board of Directors.