

September, 2009

Thomas R. Leinbach
Arts and Sciences Distinguished Professor Emeritus
Department of Geography
University of Kentucky

Department Address: Department of Geography
University of Kentucky
Lexington, Kentucky 40506-0027

Telephone: (859) 257-2931 (Department)

Fax: (859) 323-1969

E-Mail and Web Site: leinbach@uky.edu
<http://www.uky.edu/AS/Geography/dept/leinbach.htm>

Formal Education:

B.S. The Pennsylvania State University, 1963 (Transport Economics)

M.S. The Pennsylvania State University, 1966 (Economic Geography)
Thesis: The Geographic Assignment of Hospital Services in Guatemala

Ph.D. The Pennsylvania State University, 1971 (Economic Geography)
Dissertation: Transportation and Modernization in Malaya.

Professional Service:

Board of Directors, Association of American Geographers Transport Geography Interest Group, 1980-82; 1988-90, 1998-99

Associate Editor, *The Professional Geographer*, 1982-87

Fulbright-Hays Awards, Disciplinary Selection Committee, 1986-89

Managing Advisory Board, *Growth and Change: A Journal of Urban and Regional Policy*, 1988-1990.

National Science Foundation, Geography and Regional Science, Advisory and Proposal Review Panel, Fall, 1988-Spring, 1991

Asian Geography Specialty Group, Association of American Geographers, Director, Southeast Asia Division, 1989-1992; Secretary-Treasurer, 1996-1997; Chair, 1997-1999

Editorial Advisory Board, *Transportation Research*, 1989-93

Editor, *Growth and Change: A Journal of Urban and Regional Policy*, 1990-

Committee Member, National Research Council, Transport Research Board, Global Task Force on Non-motorized Transport, July, 1992- January, 1996

Director, Geography and Regional Science Program, Division of Social, Behavioral and Economic Research, National Science Foundation, August, 1995-December, 1997

Committee Member, National Research Council, Transport Research Board, Social and Economic Factors Impacting Transport, January ,1997 -January, 2000.

Invited Editorial Board, *Journal of Transport Geography*, 2001-2009

North American Editor, Monographs in Economic Geography, Ashgate Publishing (with Michael Taylor and Peter Nijkamp), 2000-

Fulbright-Hays Area National Selection Committee, Southeast Asia, Institute of International Education, New York, December 2009

Occupational Experience:

Instructor, Geography, Pennsylvania State College (Shippensburg) ,1966-68.

Visiting Lecturer, Department of Geography, University of Malaya, Kuala Lumpur, 1969-70.

Visiting Lecturer, Department of Geography, School of Humanities, Universiti Sains Malaysia, Penang , 1974-75

Associate Professor (1975-1977); Assistant Professor (1971-1974), Department of Geography, University of Vermont

Visiting Associate Professor, Geography, University of Washington, Seattle, Winter-Spring Quarters, 1977

Professor (1982-current); Associate Professor (1977-1981), Department of Geography, University of Kentucky

Research Fellow, Southeast Asia Program, Center for International Studies, Ohio University, 1984-

Visiting Professor, Department of Geography and Centre for Advanced Studies, National University of Singapore,1985-1986

Associate Director, Office of International Affairs, University of Kentucky, 1987-1990 (Campus Fulbright Advisor)

Director, Geography and Regional Science Program, Division of Social, Behavioral and Economic Research, National Science Foundation, August, 1995-December, 1997

Interim Director, Office of International Affairs, University of Kentucky, 1998-1999

Visiting Senior Fellow, Institute of Southeast Asian Studies, Singapore, January-March, 2001

Visiting Senior Researcher, Demographics Institute, U of Indonesia, Depok. February-March, 2002.

Visiting Research Professor, Department of Geography, School of Humanities, Universiti Sains Malaysia, Penang , February 2009- May, 2009

Awards and Grants:

National Science Foundation Graduate Fellowship, (research on transport development in Malaysia), 1968-1971

National Science Foundation Dissertation Grant, (research on transport development in Malaysia), 1969-1970

Ford Foundation Southeast Asian Research Fellowship, (rural transport impact in Malaysia), 1974 -1975

National Science Foundation Scientists and Engineers in Economic Development (SEED) grant, (transport impact research in Indonesia), 1978 (INT-7707325)

National Geographic Society Research Grant, (mobility behavior and employment characteristics: a comparative study of intermediate sized cities in Indonesia and the Philippines) (joint award), 1982-83

National Science Foundation, Division of International Programs, Science in Developing Countries Research Award (mobility behavior and employment characteristics: a comparative study of intermediate sized cities in Indonesia),1982-83 (INT-8203890)

National Science Foundation, U.S.-East Asia Cooperative Science Program, Short Term Visit, National University of Singapore, (transport development in ASEAN), February 8-18,1985

Fulbright-Hays Senior Research Award, Centre for Advanced Studies, National University of Singapore, 1985-1986 (transport development in the ASEAN region)

National Science Foundation, U.S.-East Asia Cooperative Science Program, Research Grant, (transport development in the ASEAN region),1985-1986 (INT-8512683)

National Science Foundation, Science in Developing Countries Program, Short Term Visit, U. of Sriwijaya, Palembang , South Sumatra, Indonesia (Transmigration, employment, mobility and enterprise development), April 15-May 2,1988

National Science Foundation, Science in Developing Countries and Geography -Regional Science Programs, "Employment Decisions, Mobility and Enterprise Development in Indonesian Transmigration", Principal Investigator, 1989-1991 (INT-SES-8820423)

National Science Foundation, Science in Developing Countries and Geography-Regional Science Programs, "Employment Decisions, Mobility and Enterprise Development in Indonesian Transmigration", Principal Investigator, 1989-1991 (INT-SES-9048790)

Fulbright -Hays Senior Lecturing-Research Award, U. of Indonesia, Jakarta, 1992-93 (Regional development policies) (declined)

Federal Transit Authority, UMTA University Research Program. "Transport Services, Utilization and Needs of the Elderly in Non-Urban Kentucky " 1992-94.(with John Watkins and Nick Stamatiadis)

National Science Foundation, Geography and Regional Science Program, "Peasant Household Strategies and Socio-Economic Differentiation: A Comparison of Transmigrants in South Sumatra and the Moluccas", 1993-94 (SES-9123396), (with Jonathan Goss, University of Hawaii)

Erskine Distinguished Visitor Fellowship, University of Canterbury, Christchurch , New Zealand, May-June, 1993

Fulbright-Hays Senior Faculty Research Award, Sriwijaya U., January-December, 1994 (peasant employment strategies).

Centennial Fellow Distinguished Alumnus, College of Earth and Mineral Sciences, Pennsylvania State University, June, 1996

National Science Foundation, Division of International Programs, East Asia and the Pacific Program, "Collaboration in GIS Theory and Application Developments with the NCGIA, UCSB and Vietnam National University, Ho Chi Minh City, Centre for Information Technology and GIS", 1999-2000 (Supplement to SBR-9655664), (with Francis Harvey).

National Science Foundation, Division of International Programs, Western European Program, "Nokia's Internationalization Process and Competitive Strategy", 1999-2001. (INT-9907474) (with Stanley Brunn).

National Science Foundation, Geography and Regional Science Program, Division of Cognitive and Behavioral Sciences "Air Cargo Services and Competitive Advantage in Industrializing Economies", 2000-2004 (BCS-0078734)

Senior Visiting Fellowship, Institute of Southeast Asian Studies, Singapore, January-March, 2001

2001 Edward Ullman Award for Distinguished Scholarship in Transportation Geography, Transportation Geography Specialty Group, Association of American Geographers, New York, March 3, 2001.

2001 Distinguished Service Award, Asian Geography Specialty Group, Association of American Geographers, New York, March 3, 2001.

University of Kentucky Research Professor, 2002-2003

National Science Foundation, Geography and Regional Science Program, Division of Cognitive and Behavioral Sciences BCS-0454840 , “Connecting Cyberspace to Place: Understanding the Evolution of Transactions and Value Chains in Electronic Commerce”, co-PI, 2005-2010 (with Matthew Zook)

University of Kentucky, College of Arts and Sciences Distinguished Professor, 2006-2007

Committee on Research and Exploration, National Geographic Society, “Indonesia’s Rural Economy”, 2002-2010

National Science Foundation, OISE (East Asia Pacific) and Geography and Regional Science Program, Division of Cognitive and Behavioral Sciences BCS 0718216, “Towards a Knowledge Economy: Firm Competitiveness, Institutional Thickness, Localized Learning and Supply Chain Networks in Penang, Malaysia”, P.I. , 2007-2010

Publications: (articles and book chapters) (Since 1980)

"Travel Characteristics and Mobility Behavior: Aspects of Rural Transport Impact in Indonesia, " *Geografiska Annaler, Ser. B.*, Vol.63 (1981) ,119-29.

"Pattern and Impact of the Filter Down Process in Non-metropolitan Kentucky," *Economic Geography*, Vol.57, No.3 (July, 1981), 208-24 (with Robert Cromley).

"Towards an Improved Rural Transport Strategy: The Needs and Problems of Isolated Third World Communities," *Asian Profile*, Vol.10 (1982) , 15-23.

"Industrial Strategy in Malaysia: The Role of Export Processing Zones," *GeoJournal* , Vol.6, No.5 (1982), 459-468.

"Transport Evaluation in Rural Development: An Indonesian Case Study," *Third World Planning Review*, Vol.5 (1983), 23-35.

"A Goal Programming Approach to Public Investment Decisions: A Case Study of Rural Roads in Indonesia," *Socio-Economic Planning Sciences*, Vol.17 (1983), 1-10, (with Robert Cromley).

- "Rural Transport and Population Mobility in Indonesia," *Journal of Developing Areas*, Vol.17 (April,1983) , 349-364.
- "Rural Services Delivery in Indonesia," in Richard E. Lonsdale and George Enyedi (eds.), *Rural Public Services: International Comparisons*, Boulder: Westview Press, 1984, 297-314.
- "Commuting and Circulating Characteristics in the Intermediate-Sized City: The Example of Medan , Indonesia", *Singapore Journal of Tropical Geography*, Vol.6, No.1 (June,1985), 35-47. (with Bambang Suwarno)
- "Migration and Employment in Urban Southeast Asia: Examples from Indonesia and the Philippines", *National Geographic Research*, Vol.1, No.3 (Summer,1985), 310-331.(co-author)
- "Transport Development in Indonesia: Progress, Problems, and Policies Under the New Order Government", in Colin MacAndrews (ed.). *Central Government and Local Development in Indonesia*, Kuala Lumpur: Oxford University Press, 1986,190-220.
- "Migrasi Penduduk Desa ke Kota Dan Kesempatan Kerja: Survei Di Tiga Kota Sumatra Utara", *Majalah Demografi Indonesia*, No.24 (June,1986) ,67-107.(with Bambang Suwarno) (Indonesian).
- "Occupational Dynamics and Migration: The Case of Medan, Indonesia", *Southeast Asian Journal of Social Science*, Vol.14,No.2, (October,1986),1-15.
- "External Control of Nonmetropolitan Industry: Spatial Relationships of Kentucky Branch Plants and Corporate Headquarters", *Professional Geographer*, Vol.38, No.4 (November,1986), 32-342.(with Robert Cromley)
- "A Geography of the Venture Capital Industry in the United States". *Professional Geographer*, Vol.39, No.2 (May,1987), 146-158, (with Carl Amrhein)
- "Economic Growth, Policy Alternatives, and Development Planning in Medan , Indonesia", *Journal of Southeast Asian Studies*, Vol.18, No.1, (March,1987), 118-140.
- "Child Survival in Indonesia". *Third World Planning Review*. Vol.10, No.3, (August,1988), 255-269.
- "The Utility of Goal Programming Heuristics in Decentralized Development Planning: The Case of Accessibility", *Singapore Journal of Tropical Geography*, Vol.9, No.2 (December,1988) , 86-95.
- "Modeling Integrated Development Investments in Rural Areas: An Indonesian Illustration", *International Regional Science Review*, Vol.12, No.2 (August, 1989), 229-243. (with Robert Cromley)

- "Introduction: Transport in Southeast Asia", *Transportation Research*, Vol.23A, No.6 (November,1989), (Guest editor).
- "Transport Policies in Conflict: Deregulation, Subsidies and Regional Development in Indonesia", *Transportation Research*, Vol.23A, No.6 (November,1989) , 467-475. (Guest editor)
- "The Transmigration Program in Indonesian National Development Strategy: Current Status and Future Requirements", *Habitat International*, Vol.13, No.3 (1989), 81-95.
- "Asian Venture Capital: Financing Risk Opportunities in the Pacific Rim ", in Milford Green (ed). *Venture Capital: International Comparisons*. Croom Helm, 1991, 248-261.
- "Employment Behavior and the Family in Indonesian Transmigration", *Annals, Association of American Geographers*, Vol.82, No.1 (March, 1992), 23-47. (with John Watkins and John Bowen)
- "Diversity in Peasant Economic Behavior: Transmigrant Households in South Sumatra, Indonesia". *Geographical Analysis* , Vol. 24, No.4 (October, 1992),335-351. (with John Bowen)
- "Small Towns, Rural Linkages, and Employment". *International Regional Science Review*. Vol.14, No.3 (1992) , 317-323.
- "Off-Farm Employment in Indonesian Transmigration: Case Studies from South Sumatra". *Majalah Demografi Indonesia*. Vol. XIX (1992), No.37, 75-112.
- "Cities of Southeast Asia," in Stanley Brunn and Jack Williams (eds). *Cities of the World*, New York: Harper and Row,2e, 1993, 388-429. (with Richard Ulack).
- "Women, Family and Work in Indonesian Transmigration", *Journal of Developing Areas*. Vol.27, No.2 (April, 1993), 377-398.(with John Watkins and Karen Falconer).
- "Off-Farm Employment, Land and Lifecycle: Transmigrant Households in South Sumatra, Indonesia" *Economic Geography* , Vol.70,No.3 (July, 1994), 273-296. (with Adrian Smith)
- "The State and Liberalization: The Airline Industry in the East Asian NICs", *Annals, Association of American Geographers*, Vol.85, No.3 (September, 1995), 468-493. (with John Bowen)
- "Trade Regimes, Foreign Investment and the New Liberalization Environment in Indonesia", in R. McNaughton and M. Green (eds). *The Location of Foreign Direct Investment: Geographic and Business Approaches*. London: Avebury, 1995 , 151-174.

"Transportation and Third World Development: Review, Issues, and Prescription". *Transportation Research*. Vol.29A, No.5 (1995), 337-344.

"Regional Science and the Third World: Why Should We Be Interested? What Should We Do?" *International Regional Science Review*. Vol.18, No.2 (1995), 201-209. (invited contribution)

"Focus Groups As Alternative Research Practice: Experience with Transmigrants in Indonesia". *Area*, Vol. 28, No.2 (June, 1996), 115-123. (with Jonathan Goss)

"Development and Liberalization: The Airline Industry in ASEAN" , in Gary Hufbauer and Chris Findlay (eds.). *Flying High: Liberalizing Civil Aviation in the Asia Pacific*. Washington, D.C.: Institute for International Economics, 1996, 79-97. (with John Bowen)

"Travel Among Non-Urban Elderly", *Transportation Quarterly*, Vol.50, No. 3 (Summer, 1996), 113-121. (with Nikiforos Stamatiadis and John Watkins).

"Development and Differentiation: A Case Study of a Transmigration Settlement in West Seram", in David Mearns and Chris Healey (eds.) *Remaking Maluku : Social Transformation in Eastern Indonesia*. Darwin: Northern Territory University Press, 1996, 80-94 (with Jonathan Goss)

"Development of a Cooperative International Interdisciplinary Program on Social Change and Sustainable Transport", *Journal of Transport Geography*. Vol.5, No.1 (1997), 1-3, (with John Smith)

"Remittances and Circulation Behavior in the Livelihood Process: Transmigrant Families in South Sumatra, Indonesia". *Economic Geography*, Vol.74, No.1 (January, 1998), 45-63.

"Fungibility and the Family Mode of Production in Indonesian Transmigration: The Example of Makarti Jaya, South Sumatra" *Sojourn: A Journal of Social Issues in Southeast Asia*. Vol. 13, No. 2 (October, 1998), 1-27. (with Vincent Del Casino)

"The Role of Transport Development in the Development Process" in B. Hoyle and R Knowles (eds.). *Modern Transport Geography*, 2nd revised edition, London: Belhaven Press, 1998 (co-author)

"Indonesian Development in Crisis: Review Essay", *Economic Geography*, Vol. 75, No. 2 (April, 1999), 196-199.

"Nokia As A Regional Technology Fountainhead" in James O. Wheeler, Yuko Aoyama, Barney Warf (eds.), *Cities in the Telecommunications Age: The Fracturing of Geographies*. New York: Routledge, 2000, pp. 130-142. (with Stanley Brunn)

“Mobility in Development Context: Changing Perspectives, New Interpretations, and the Real Issues”, *Journal of Transport Geography*, Vol. 8, No. 1 (March, 2000), 1-9. (1999 Fleming Lecture in Transportation Geography, AAG, Honolulu 1999)

“The Emergence of the Digital Economy and E-Commerce”, in T R Leinbach and S D Brunn (eds.), *The Worlds of E-Commerce: Economic, Geographical and Social Dimensions*. Chichester: John Wiley Ltd., 2001, 3-26.

“Transport Infrastructure Challenges in Urban Southeast Asia: Financial Crises, Liberalization, and Sustainability” in Carla Chifos and Ruth Yabes (eds.) *Southeast Asian Urban Environments: Structured and Spontaneous*. Tempe: Arizona State University Press, 2001, 115-132.

“Air Cargo Services, The State, and Industrialization Strategies: The Redevelopment of Subic Bay, The Philippines.” *Regional Studies*, Vol. 36, No.5 (July, 2002). 451-467. (with John Bowen and Daniel Mabazza)

“Introduction to Special Issue on E-Commerce”. *Tijdschrift voor Economische en Sociale Geografie*, Vol. 93, No. 5 (December, 2002), 485-488. (with Stan Brunn)

“National Innovation Systems, Firm Strategy, and Enabling Mobile Communications: The Case of Nokia”, *Tijdschrift voor Economische en Sociale Geografie*, Vol. 93, No. 5 (December, 2002), 489-506. (with Stan Brunn)

“Small Enterprises, Fungibility, and Indonesian Rural Livelihood Strategies” *Asia Pacific Viewpoint*, Vol. 44, No.1 (April, 2003), 7-34.

“Air Cargo Services in Asian Industrializing Economies: Electronics Manufacturers and the Strategic Use of Advanced Producer Services”: *Papers, Regional Science Association*. Vol 82, No 3 (September, 2003), 309-332. (with John Bowen)

“An Introduction to Globalization, E-Economy and Transport”, *Growth and Change*, Vol. 34, No. 4 (Fall, 2003), 385-389. (with Cristina Capineri)

“Airspaces: Air Transport, Technology and Society” in S D Brunn, S Cutter and J W Harrington (eds.). *TechnoEarth: A Social History of Geography*, AAG Centennial 2004 Amsterdam: Kluwer, 2004, 285-313. (with John Bowen)

“Market Concentration in the Logistics Industry and the Global Provision of Advanced Air Freight Services” *Tijdschrift voor Economische en Sociale Geografie* Vol 95, No.2 (2004), 174-188. (with John Bowen)

“Air Cargo Services and the Electronics Industry in Southeast Asia” *Journal of Economic Geography*, Vol. 4, No. 3 (June, 2004), 299-321. (with John Bowen)

“Transportation Geography” in G. Gaile and C. Willmott (eds.). *Geography in America at the Dawn of the 21st Century*. New York: Oxford University Press, 2004., pp 221-236. (co-author)

“City Interactions: The Dynamics of Passenger and Freight Flows”, in Susan Hanson and Genevieve Guiliano (eds.). *The Geography of Urban Transportation*, 3rd edition, Guilford, 2004, 30-58.

“Transport, E-Economy, and Globalization” *Transport Reviews*, Vol 24, No 6 (November 2004), 645-663 (with Cristina Capineri)

“Air Cargo Services, Global Production Networks, and Competitive Advantage in Asian City-Regions” in Peter Daniels, K C Ho, and Tom Hutton (eds.). *Service Industries and Asia-Pacific Cities: New Development Trajectories*. London: Routledge, 2005, 216-240 (with John Bowen).

“Global Distribution Systems and the U.S. Commercial Air Industry: Gathering Real-Time Airline Flight and Fare Information for Spatial and Economic Analysis”. Transportation Research Board Annual Meeting Research Record , Report 06-0547. (with T Grubestic, M Horner, M Zook) , 19 pp
<http://pubsindex.trb.org/document/view/default.asp?lbid=776397>

“Freight Transport, Seamlessness, and Competitive Advantage in the Global Economy”, *European Journal of Infrastructure and Transport*, Vol. 6, No 1 (2006), 23-38. (with Cristina Capineri)

“Global Production Networks and Competitive Advantage: Air Freight Services and the Electronics Industry in Southeast Asia”, *Economic Geography* . Vol 82, No 2 (April 2006), 146-166 (with John Bowen)

“Global Distribution Systems and the U.S. Commercial Air Industry: Gathering Real-Time Airline Flight and Fare Information for Spatial and Economic Analysis” *Proceedings of the Transportation Research Board Annual Meeting*, Washington DC, 2006 (Grubestic, T., Horner, M, Zook, M. and T. Leinbach.)

“Rural Accessibility Decision-Making: Issues of Integration, Scale, and Sustainability” in G. LeClerc and Charles Hall (eds.). *Making Development Work: Scientific Alternatives to Neoclassical Economic Theory* Albuquerque: University of New Mexico Press, 2007.,pp. 474-486.

“Transport Services and the Global Economy: Towards a Seamless Market” in John Bryson and Peter Daniels (eds). *The Handbook of Service Industries*. Edward Elgar, 2007, 209-226 (with John Bowen)

Books and Monographs:

Globalized Freight Transportation: Intermodality, E-Commerce, Logistics and Sustainability. Cheltenham: Edward Elgar, 2007 (edited with Cristina Capineri)

The Indonesian Rural Economy: Mobility, Work and Enterprise. Seattle: University of Washington and Singapore: Institute of Southeast Asian Studies, 2004.
<http://bookshop.iseas.edu.sg>

The Worlds of E-Commerce: Economic, Geographical and Social Dimensions. (edited with Stanley D. Brunn), Chichester: John Wiley Ltd, 2001, 354 pp.
<http://www.wileyurope.com/WileyCDA/WileyTitle/productCd-0471494550.html>

Southeast Asia: Development and Diversity. (edited with Richard Ulack). Upper Saddle River, NJ: Prentice Hall, 2000. <http://vig.prenhall.com/refbook/0,2593,0138251266,00.html>

Collapsing Space and Time: Geographic Aspects of Communications and Information. London: Harper Collins, 1991 (edited with Stan Brunn)

Southeast Asian Transport: Issues in Development. Singapore: Oxford University Press, 1989. (co-author)

Mobility and Employment in Urban Southeast Asia: Examples from Indonesia and the Philippines. Boulder: Westview Press, 1987 (co-author)

Development and Environment in Peninsular Malaysia. Singapore: McGraw-Hill, 1982. (co-author)

Publications (forthcoming):

“Transportation Networks, The Logistics Revolution and Regional Development” in Andy Pike, Andrés Rodríguez-Pose and John Tomaney (Editors) *Handbook of Local and Regional Development.* Routledge, forthcoming. (with John Bowen)

Research and Writing in Progress:

“Manufacturing Solutions: Explaining E-Commerce Adoption in U.S. Manufacturing Firms” to be submitted to *Economic Geography* (with Matthew Zook and Candice Wallace)

“Firm and Supplier Relations in the Malaysian Electronics Industry: Supply Value Chains, Institutional Thickness, and E-Commerce Adoption” in preparation

“Working in Indonesia’s Rural Economy: Social Characteristics, Work Status Industry and Regional Dimensions” in preparation

Professional Presentations: (Since 1985)

"Transport Development in Indonesia: Progress, Problems, and Policies Under the New Order Government", XVII Pacific Science Congress, Manila, Philippines, February 7, 1985.

"Evaluating Public Investment Decisions: The Experience of the Rural Works Program and Feeder Roads in Indonesia", Invited Seminar, Department of Geography, National University of Singapore, February 15, 1985.

Invited Discussant, "Indonesia: Islam and Public Life"- Recent Development Problems and Progress, Southern Center for International Studies and Asia Society, Atlanta, April 30, 1985.

Invited Participant, "Managing Third World Cities: The Transport Sector", Workshop, Institute for Defense Analyses, Arlington, Virginia, June 5, 1985.

"Population Mobility and Employment in Urban Southeast Asia: A Comparison of Medan, Indonesia and Cebu, Philippines", Seminar, Department of Geography, National University of Singapore, October 11, 1985

Panelist, Conference on Mass Transit Systems in Urban Southeast Asia, SEATAC-Government of the Philippines, Manila, October 20-26, 1985

Discussant, "National Urban Policy and Decentralization Strategies: The Case of Malaysia", Conference on Urbanization and Urban Policies in South and Southeast Asia, Republic of Indonesia and Population Institute, East-West Center, U. of Hawaii, Sanur, Bali, December 9-13, 1985

"Urban and Regional Transport in the Third World: Problems and Issues", Faculty Lecture, College of Arts and Sciences, National University of Singapore, January 9, 1986

"Economic Growth, Development Planning, and Policy Alternatives in Medan, Indonesia", International Geographical Union, Working Group on Urbanization in Developing Countries, Madrid, Spain, August 27-30, 1986 (in absentia)

"Managing Urban Services Delivery in Intermediate-Sized Cities", Economic and Social Commission for Asia and the Pacific (ESCAP), United Nations, Bangkok, October 27-November 1, 1986

Chair and Discussant, "Development Issues in Southeast Asia", 1987 Annual Meeting, Association of American Geographers, Portland, Oregon, April 24.

"Child Survival in Indonesia", 1987 Annual Meeting, Association of American Geographers, Portland, Oregon, April 24.

Organizer and Chair, "Transport Issues in Southeast Asia", 1988 Annual Meeting, Association of American Geographers, Phoenix, AZ, April 7.

Panelist, "Roundtable on Venture Capital", 1988 Annual Meeting, Association of American Geographers, Phoenix, AZ, April 8.

"The Transmigration Program in Indonesian Development Policy", 2nd International Conference on Asian Urbanization, Nanjing, PRC, August 8-14, 1988

Invited Paper, "Transport in the Third World: Review and Prescription", 1989 Annual Meeting, Association of American Geographers, Baltimore, March 22.

"Modelling Integrated Rural Development: An Indonesian Illustration", 11th Pacific Regional Science Conference, Singapore, July 3, 1989

"Social and Structural Variations in Transmigration Survival Strategies: Some Illustrations from South Sumatra, Indonesia", 1990 Annual Meeting, Association of American Geographers, Toronto, April 21.

Invited Lecture, "Indonesia: Diversity and Development", National Geographic Society-Smithsonian Institution Lecture Series, Washington, D.C., October 16, 1990

Invited presentation, "Emerging Markets in Southeast Asia", New York Society of Security Analysts and American Geographical Society, February 8, 1991

"A Social Differentiation Perspective On Labor Mobility: The Case of Transmigration in South Sumatra, Indonesia", 1991 Annual Meeting, Association of American Geographers, Miami, April 15.

"Diversity in Peasant Economic Behavior", 38th Meeting North American Regional Science Meetings, New Orleans, November 10, 1991 (with John Bowen).

"Transport Behavior of the Elderly in Non-Urban Kentucky", 1993 Annual Meeting, Association of American Geographers, Atlanta, April 8, 1993 (with John Watkins, Katherine Jones and Nick Stamatiadis)

"Funding Opportunities in Geography-Regional Science at the National Science Foundation", Association of American Geographers Annual Meetings, Charlotte, 1996; Ft. Worth, 1997.

"European Science Foundation-National Science Foundation Joint Program on Cooperative Transport Research", Transport Research Board Annual Meeting, Washington, D.C., January 15, 1997

"Cities, Firms, and Regions in the Worlds of Electronic Commerce: Does Geography Matter in International Competitive Advantage?" Digital Cities/Analog Worlds, Singapore, May 11-15, 1997. (with Stanley Brunn)

"Transport Infrastructure Challenges in Urban Southeast Asia: Financial Crises, Liberalization, and Sustainability", Urban Infrastructure Planning in Southeast Asia, Center for Southeast Asia, Arizona State University, Tempe, March 6-8, 1998

"NOKIA As A Regional Technology Fountainhead", Telecommunications and the City Conference, University of Georgia, Athens, March 23-25, 1998 (with Stan Brunn)

“Rethinking the Peasant Livelihood Process: Family, Fungibility, and the Formal-Informal Economy”, 1998 Annual Meeting Association of American Geographers, Boston, March 25-28, 1998

“Investment, Trade, Liberalization and the Financial Crisis in Indonesia: Prospects and Strategies in the Post-Soeharto Era”, Pacific Regional Science Meetings, Nagoya, October 14-16, 1998

“Mobility in Development Context: Changing Perspectives, New Interpretations, and the Real Issues”, 1999 Douglas K Fleming Lecture in Transportation Geography, 95th Annual Meeting, Association of American Geographers, Honolulu, March 24, 1999

“E-Commerce in the New Economy”, 96th Annual Meeting, Association of American Geographers, Pittsburgh, April 7, 2000.

“Rural Accessibility Decision-Making: Issues of Integration, Scale, and Sustainability”, International Center for Tropical Agriculture (CIAT), Cali, Colombia, Workshop on Scale Effects in Decision Making for Eco-regional Development, San Jose, Costa Rica, July 4-6, 2000 (Invited presentation)

“Transport Policies and Locational Modeling”, Seminar , Department of Geography, National University of Singapore, July 13, 2000.

“Research Issues in GIScience”, 6th Annual Conference, GIS Data Centre, Vietnam National University, Ho Chi Minh City, July 25, 2000, (with Francis Harvey)

“Rural Employment in the Indonesian Transmigration Context”, Institute of Southeast Asian Studies, Singapore, March 16, 2001.

“Air Cargo Services and Competitive Advantage in Industrializing Economies: The Example of Malaysia”, School of Humanities, Universiti Sains Malaysia, Minden, Penang, March 19, 2001.

“Rural Accessibility Decision Making: Issues of Integration, Scale, and Sustainability”, Department of Geography, Indiana University, Bloomington, October 25, 2001.

“Air Cargo Services and the Electronics Industry in Southeast Asia”, 2002 Annual Meeting, Association of American Geographers, Los Angeles, March 23, 2002 (with Joshua Lepawsky and John Bowen)

“Globalization, E-economy and Transport: An Overview”. Presentation to STELLA Focus Group 1, Siena , June 7, 2002 (with Cristina Capineri)

“The Electronics Industry and Intensity of Air Cargo Use ”, 2002 North American Regional Science Association Meeting, San Juan, Puerto Rico, November 16, 2002

“Market Concentration in the Logistics Industry and the Global Provision of Advance Air Freight Services”. 2003 Annual Meeting Association of American Geographers, New Orleans, March 6, 2003 (with John Bowen)

“Social Aspects of Rural Accessibility and Changing Development Context”, invited for Framework for the Inclusion of Social Benefits in Transport Planning, Transport Research Laboratory, Limited, Old Wokingham Road, Crowthorne, Berkshire, U.K., March 21-22, 2003

“Globalization and Transport Issues”, STELLA, Focus Group I, 2nd Meeting, Brussels, April 23-26, 2003

“Social Benefits and Rural Access’ , 3rd Workshop, The Inclusion of Social Benefits in Road Investment Appraisal, Transport Research Laboratory and Ethiopian Department of Highways, Addis Ababa, Ethiopia, May 19-20, 2004

Globalization, E-economy, and Trade: Some Directions for Policy Research? STELLA Focus Group 5, Athens, Greece, June 4-5, 2004 (with Cristina Capineri)

“Air Transport in ASEAN: Prospects for Market and Regional Integration”, prepared for A Design for Northeast Asian Transport Market Integration, Invited Paper, East West Center and Korean Transport Institute, Honolulu, August 16-17, 2004

STELLA (Sustainable Transport in Europe with Liaisons and Linkages to America) Topical Users Meeting, “Synthesizing Global Freight Transport Research Needs”, University of Bologna, Bologna, October 8-9, 2004 (with Cristina Capineri)

“Freight Transport, Seamlessness, and Competitive Advantage in the Global Economy”, Network for European Communication and Transport Analysis (NECTAR) Meeting, Las Palmas, Gran Canaria, June 2, 2005 (with Cristina Capineri)

“Global Distribution Systems and the U.S. Commercial Air Industry: Gathering Real-Time Airline Flight and Fare Information for Spatial and Economic Analysis”. 2006 *Transportation Research Board Annual Meeting*, Washington DC., January 24, 2006 (Grubestic, T., Horner, M, Zook, M. and T. Leinbach)

“Connecting Cyberspace to Place: Understanding the Evolution of Transactions and Value Chains in Electronic Commerce”. *Annual Meeting Association of American Geographers*, Chicago, April 9, 2006 (with Matthew Zook)

“Adoption of E-Commerce Strategies by U.S. Manufacturing Firms and the Role of Customer Initiated Demand”. *Annual Meeting Association of American Geographers*, San Francisco, April 18, 2007 (with Matthew Zook)

“A Geographer at Work in Southeast Asia”, Invited lecture, Faculty of Arts and Social Sciences , University of Brunei Darussalam, Bandar Sri Begawan, May 23, 2007

“Adoption of E-Commerce by U.S. Manufacturing Firms: Application and Development Strategies” *Second Annual Global Economic Geography Conference*, Beijing, June 26-28, 2007 (with Matthew Zook)

Publishing in the Humanities and Social Sciences, Seminar, School of Humanities, Universiti Sains Malaysia, April 8, 2009

Foreign Language:

Indonesian
Malay
French (elementary)

Teaching Experience and Interests:

Global Economy; Transportation and Communications; Transportation and Development; Applied Multivariate and Quantitative Methods; Regional Development and Policy; Third World Development, Industrial Geography; Southeast Asia; Indonesia: Culture, Economy, and Society. **Seminars:** Research Methods, Statistical and Qualitative Methods, Transport Issues (various themes), Third World and Asian Development: Theory and Policy (various themes).

Research Interests:

Transportation, Communications, E-Commerce, Information Technology:

transport strategies in development planning and policy;
social and economic impact of accessibility improvements;
global production networks and air cargo and logistical strategies
impacts of e-commerce in industrial and regional development
evaluation and impact of supply value chain dynamics in local and multinational firms
(Malaysia)

Development in Southeast Asia (especially Indonesia, Malaysia, Singapore and Vietnam)

Global production networks and trans-national corporations;
Transportation impact in urban and regional development
Industrialization strategies and policies
Rural development and especially small industries; formal and informal employment;
Rural labor process, population mobility; livelihood strategies

Membership in Professional Societies:

Association of American Geographers ; Regional Science Association International

Advising/Consulting:

Rural Works Program (Padat Karya Gaya Baru), Ministry of Manpower and Transmigration, Government of Indonesia, February-December, 1978.

USAID/RD/Indonesia and New Transcentury, July-August, 1979 (screening procedures and evaluations of feeder roads in Java, Sumatra, Sulawesi).

Economic and Social Commission for Asia and the Pacific (ESCAP), United Nations, March, 1980 (methodologies for improving transport in isolated communities).

USAID/Caribbean, June-July, 1982 (cost benefit analyses of road rehabilitation projects in St. Lucia, St. Vincent, Antigua)

USAID/Indonesia and STV/Lyon Assocs, Honolulu, September- October,1989 (Rural Roads Maintenance Systems, AID Contract)

USAID/Indonesia and Associates in Rural Development, Burlington, VT, May-August,1990 (Decentralization: Finance and Management Project. Contractor Performance).

USAID/BAPPENAS, BIDE (Boston Institute for Developing Economies), Development Studies Project (DSP II), July 15-August 15, 1991; June 16- August 1, 1992 . Urban and infrastructure strategies. Project Director: Prof. John Harris

WORLD BANK, Private Sector Development Study-Philippines. October 17- December 10, 1992. (Infrastructure (telecoms,transport and power) constraints on economic and especially private sector growth).

School of Humanities, Universiti Sains Malaysia, Professional development (research, publishing and extramural funding in connection with USM's nominated status as 'apex' university), February 2009-May 2009; January 2010- March, 2010

Advising/ Committee-Geography Graduate Students

Edward Carr, Member, PhD, 2002 (Assistant Professor, U of South Carolina)

Keiron Bailey, Member, Ph.D, 2003 (Assistant Professor, U of Arizona)

Joshua Lepawsky, Member, PhD, 2005 (Assistant Professor, Memorial U Newfoundland)

Mark Graham, Co-Advisor PhD, 2008 (Lecturer, Trinity College Dublin)

Michael Pryce-Jones, Member , PhD, current

Candice Wallace, Member, PhD , current

Jacqueline Salmond, Member, PhD, current

Committee Member, Non-Geography Graduate Students:

Jui Chang Jao, PhD , Sociology, 2005

Ji-Sun Choi, PhD, Political Science, 2004

Young-Kwi Bae, PhD, Political Science, 2005

Jean-Marc Gandonou, PhD, Agricultural Economics (Outside Examiner), 2005

William Sabandar, University of Canterbury, Christchurch, NZ (Outside Member), 2005

Anthony Catalina, PhD, Civil Engineering, 2006-2007