

## PROFESSOR GERALD (JERRY) KARUSH

### SCHOLARSHIP

2003-present: *School of Community Economic Development (CED), Southern New Hampshire University*

#### Research

- 2006-08 *Applied Research Center, Investigator, Weed and Seed Capacity Building*. Best practice case studies. Funded by the *US Department of Justice*. With Yoel Camayd-Freixas.
- 2005-07 *ARC, Co-Principal Investigator, Community Impact Indicators Project*. Funded by *Heritage United Way, SNHU* and municipalities. With Y. Camayd-Freixas and J. Rivera.
- 2004-05 *ARC, Investigator, Workforce Opportunity for People with Disabilities*. Funded by *Medicaid Infrastructure Grant* from the *US Centers for Medicare and Medicaid Services*. With Y. Camayd-Freixas.
- 2004-2005 *ARC, Investigator, Latinos in New Hampshire*. Funded by the *Gastón Institute for Latino Public Policy, University of Massachusetts, Boston, and Temple University Press*. Y. Camayd-Freixas and N. Lejter.
- 2003- *Applied Research Center, Professional Practice Program*. Community-based applied research:
  - 2005-06 *City of Manchester (NH), Planning Department*. Co-led development of Manchester 10-Year Plan to End Homelessness. With *ARC, Heritage United Way & Continuum of Care* staff.
  - 2005-06 *WomenRising (New Jersey)*. Co-led evaluation of workforce development program with *ARC* staff.
  - 2004-05 *City of Nashua (NH), Community Development Division*. Co-led collaborative planning for Consolidated Plan (HUD's CDBG, HOME and McKinney Act programs). With Y. Camayd-Freixas & E. Burgo.

1981-present: *Southern New Hampshire University, School of Business. Professor*. Teaches courses in Principles of Information Systems Design and Management, Database Applications, Strategic Uses of Information Technology in Business, IT Project Management, Visual Basic.Net.

1984-present: *GM Associates for Information Management, Concord, NH. Founder/President*. IT consulting firm specializing in: the development of database applications for management decision support; research, project evaluation, and public policy analysis; IT and research training.

1980-1981: *Pine Tree Organization for Professional Standards Review, Portland, ME. Director*. Responsibilities included: Supervision of 4-person data department; managed all data contracts, including development of requests for proposals and contract awards; filled all requests for reports, analyses and data from other parts of the PSRO system.

1979-1980: *Westinghouse Health Systems, Columbia, MD. Health Specialist*. Responsible for monitoring and analyzing survey data of family planning practices among women in a number of third world countries. Preparation of summary documents based on country reports. Coordinator of Health Systems computer facilities. Supervision of technical personnel.

1976: *Office of Family Planning, El Salvador. Consultant*. Assisted in the statistical analysis of data based on family planning surveys.

1972-79: *University of Maine, Department of Sociology. Assistant Professor*. Taught courses in Demography, Statistics, Applied Research Methods (computer-oriented), Urban Sociology, Social Ecology, Introductory Sociology. Research focused on population problems, economic development and family planning in Latin America.

1975-1978: *Office of The chancellor, University of Maine at Orono. Consultant*. Developed an educational enrollment projections model using the university's computerized student files. Part of an educational database management project. Wrote reports. Prepared a demographic profile of the state.

1967-1968: *RCA*, Cherry Hill, NJ. **Computer Methods Specialist**. Duties included systems programming in Scientific Applications Department. Developed a compiler in Assembler Code for a simulation language similar to IBM's GPSS. Wrote manual and documentation.

## RECOGNITION

2005-2007 **Editorial Board**, [\*Journal of Global Information Technology Management\*](#)

1995 **Summer Research Grant**, New Hampshire College.

1976 **Summer Research Grant**, University of Maine.

1972-1973 **Grant for Dissertation Research**, The National Science Foundation.

1969-1971 **Fellowship**, The National Institute of Child Health & Human Development

1968-1969 **Fellowship**, The Ford Foundation

## PROFESSIONAL & COMMUNITY SERVICE

Former Member, [\*Association for Computing Machinery\*](#).

Former Member, [\*Information Resource Management Association\*](#).

Former Member, [\*Computer Professionals for Social Responsibility\*](#).

## PUBLICATIONS

### Books & Monographs

*Quantitative Analysis in Community Development*. New Jersey: Prentice Hall. With Y. Camayd-Freixas [book in preparation].

*Workforce Opportunity for People with Disabilities*. Manchester, NH: Community Economic Development Press, 2008. With Y. Camayd-Freixas & T. Davies (editors).

*Community Indicators*. Manchester, NH: Community Economic Development Press, 2006. with Y. Camayd-Freixas, B. Iyer, D. Jackson, Ri. Koenig, N. Mijoba, M. Nemon, & D. Sodnomdarjaa.

*International Business and Information Technology: Interaction and Transformation in the Global Economy*. 2004. Routledge Press. With Massood Samii (Editors).

### Articles, Chapters

Community Capacity-Building Through Strategic Philanthropy: a Case Study of United Way Realignment. Y. Camayd-Freixas, G. Karush, M. Nemon & R. Koenig (2007). Chapter in Donna Fabiani and Terry Buss (Editors), *Re-engineering Community Development for the 21<sup>st</sup> Century*. Washington, D.C.: National Academy of Public Administration, 2008.

*The Latino Diaspora: An Emerging Middle Class*. With Y. Camayd-Freixas, R. Koenig, M. Nemon & V. Vasquez Jr. (2007). Paper submitted for publication to the *Journal of Intercultural Disciplines*.

*Latinos in New Hampshire*. Manchester, NH: Community Economic Development Press, 2006. With Y. Camayd-Freixas.

*Latinos in New Hampshire: Enclaves, Diasporas, and an Emerging Middle Class*. With Y. Camayd-Freixas & N. Lejter. Chapter in Andrés Torres (editor), *Latinos in New England*. Philadelphia: Temple University Press, 2006.

*Cases in Information Systems Management* (2006, Editor, Coursepack ID: 244375). Prentice Hall. ISBN: 053613250X.

Chapter reviewer (2006): Storage Area Network (SAN) Fundamentals. *The Internet Encyclopedia*, John Wiley & Sons.

Chapter reviewer (2005): SIMPLE MAIL TRANSFER PROTOCOL (SMTP). *International Encyclopedia on Telecommunications and Networking*. John Wiley & Sons.

International Business and Information Technology (2004 with M. Samii). In Gerald Karush & Massood Samii (Editors). *International Business and Information Technology: Interaction and Transformation in the Global Economy*. United Kingdom: Routledge Press, pp. 8-19.

Design and Managing Data Warehouses in a Global Environment (2004). In Gerald Karush & Massood Samii (Editors). *International Business and Information Technology: Interaction and Transformation in the Global Economy*. United Kingdom: Routledge Press, pp. 155-190.

The Role of E-Commerce in Scaling Up Small Businesses in Developing Economies: A B2B Information Architecture Model and IT Infrastructure (2004 with J. Stephanie Collins). In Gerald Karush & Massood Samii (Editors). *International Business and Information Technology: Interaction and Transformation in the Global Economy*. United Kingdom: Routledge Press, pp. 155-190.

Fiber optic vs. Conventional Home Phototherapy for Neonatal Hyperbilirubinemia (1992 June). *Clinical Pediatrics*, 37(6), pp. 345-352. With Andrew J. Schulman, M.D.

The CIF and the Market Planning Process (1990, May). *Bank Marketing*, 22(5), pp. 32-36.

Microcomputers and Decision Support Systems. *New Hampshire Business Review* (1986 April), pp. 10-12.

Plantations, Population, and Poverty: The Roots of the Demographic Crisis in El Salvador (1978 Winter). *Comparative Studies in International Development*, 13.

Industrialisation et changement de la population active en Belgique de 1846 a 1910 (1977). *Population et Famille*, 40(1), pp. 37-76.

Las raíces de la crisis demográfica en El Salvador (1977 December). *Estudios Centroamericanos*. Año XXXII. Universidad Centroamericana José Simeón Cañas.

Population Growth, 1970-1990 (1976, Spring). *Thomas Business Review*, 3(2), Waterville, Maine: Thomas College, pp. 2-11.

*Flow Simulation Computer Manual* (1968). RCA.

## Papers, Reports

The Latino Diaspora: An Emerging Middle Class (2007 February). Paper presented at the annual meeting of the *National Association for Hispanic and Latino Studies*, Baton Rouge, Louisiana. With Y. Camayd-Freixas, R. Koenig, M. Nemon & V. Vasquez.

Ten Year Plan to End Chronic Homelessness (2006). City of Manchester, NH: Planning Department. With Y. Camayd-Freixas, E. Jacobs & K. Nijhuis.

Consolidated Plan of the City of Nashua: 2005 (2005). Nashua, NH: City of Nashua, Community Development Division. With Y. Camayd-Freixas, N. Lejter & E. Burgo.

Offshore Outsourcing of IT Services: Consequences for IT Education (2004 March). Paper presented to The Information Technology & Global Business Research Conference, Cancun, Mexico. Sponsored by the *Journal of American Academy of Business*. Published in Conference Proceedings. With J. Stephanie Collins.

The Role of E-Commerce in Enabling International Trading for SMEs: A B2B Information Architecture Model (2003, October). Paper presented to the Academy of International Business Northeast Annual Conference, Manchester, New Hampshire. Published in Conference Proceedings. With J. Stephanie Collins.

IT Infrastructure and Economic Development (2001 July). Paper presented to the 1<sup>st</sup> International Conference on Information Technology & Economic Development, sponsored by *The International Chamber for Economic Development*, Manchester, NH. Published in Conference Proceedings. With J. Stephanie Collins.

An Information Architecture Model to Facilitate E-Commerce in Developing Economies (2002 July). Paper presented to the 2<sup>nd</sup> International Conference on Information Technology & Economic Development, sponsored by *The International Chamber for Economic Development*, Manchester, NH. Published in Conference Proceedings. With J. Stephanie Collins.

A Demographic Profile of Maine (1976). University of Maine.

Evaluation of Working Capital: Report on Borrower Focus Groups and Enterprise Agent Interviews (1993, July). Institute for Cooperative Community Development.

Numerica: Customer Base Analysis and Relationship Profile (1989 April). Volume I: Analysis and Presentation of Major Results. Volume II: Statistical Appendix.

Report on a Study of the Maine Weatherization Program (1988 October). Practical Progressive Consultants, Inc. With Melvin Burke, Beckry Abdel-Magid, June Burke, and Frank Pastore.

Contraceptive Prevalence Survey: Mexico Summary Report (1980, October). Westinghouse.

A Projections Model for University Enrollment (1978). University of Maine. With Melvin Burke.

## **Selected Workshops**

The Latino Diaspora: An Emerging Middle Class (paper). Annual meeting, *National Association for Hispanic and Latino Studies*, Baton Rouge, Louisiana, February 2007. With Y. Camayd-Freixas, R. Koenig, M. Nemon & V. Vasquez.

The Role of E-Commerce in Scaling up Small Businesses in Developing Economies: A B2B Information Architecture Model and IT Infrastructure (2003 June). Paper presented to the Hawaii International Conference on Business in Honolulu, Hawaii. With J. Stephanie Collins.