

## ***Curriculum Vitae***

### **Charles Maxwell Becker**

#### **Address:**

Department of Economics  
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**Date and Place of Birth:** October 31, 1954, Staten Island, NY

**Marital Status:** Married Mary Winn Chrestenson-Becker, June 1977; two children: Stephen (1983) and Andrew (1986)

#### **Education:**

**Grinnell College**, B.A., August 1972-May 1976, Honors in both Economics and Russian Language, elected to Phi Beta Kappa in junior year.

**Princeton University**, M.A., Ph.D., September 1977-August 1981, General Examination for the Ph.D., October, 1979; Ph.D., August 1981.

#### **Ph.D. Thesis:**

The Urban Income Distribution in L.D.C.s and a Model of Optimal Investment for an Underdeveloped Economy (Committee: Edwin S. Mills, Chair, W. Arthur Lewis, Mieko Nishimizu).

#### **Fields of Interest:**

Economic Demography, Economic Development, Transitional Economies, Urban and Regional Economics, Health Economics

#### **Recognitions:**

American Economic Association, awarded lifetime membership for service to the profession, January 2008

Duke University, Equity, Diversity and Inclusion Award, Spring 2008

Duke University, 2008 Diversity Award, November 2008

#### **Professional Employment:**

##### **Duke University**

Associate Chair, Department of Economics, July 2009 – present

Research Professor, Department of Economics, January 2004 – present

Academic director, MA program, August 2003 - present

Courses: Economics 357 (PhD seminar in Health Economics),

Economics 296 (Research Seminar),

Economics 205 (MA-level microeconomics),

Economics 196/296 (African Economic Development),

Economics 145/245 (Urban Economics)

Director, American Economic Association Summer Program and Minority Scholarship Program, Sept 2003 – Aug 2007

Research Scientist, Department of Economics, August – December 2003

**University of Colorado at Denver:**

Director, American Economic Association Summer Minority Program, Sept 2000 – August 2003

Research Professor, Department of Economics, January 1999 – August 2003  
 Courses: Economics 6770 (Economic Development), 6053 (Applied Economics Seminar), 5130 (Managerial Economics), 5420/4420 (International Finance), 5050 (Taxation and Stabilization Policy in Emerging Economies), 5850 (Advanced MA Micro Theory)

Co-Director, Program in International Business and Economic Studies (PIBES), Jan 1999 – Dec 2002

**University of Colorado at Boulder:**

Research Associate, Institute of Behavioral Science, Program in Population Processes, 1987 - present.

Professor Adjunct (1996 – present) and Associate Professor Adjunct, Department of Economics, 1987 - 1996

Courses: Economics 8774 (Ph.D. seminar on Post-Soviet Economies), 8774 (Ph.D. Seminar on Microeconomic Aspects of Economic Development), 8666 (Ph.D. Seminar on Economic Demography), 5293 (MA Seminar on Migration and Urbanization), Econ/Geog 4293 (Migration and Urbanization).

**Government of the Republic of Kazakhstan:**

Senior Advisor to the Ministry of Labor and Social Protection, and the National Bank of the Republic of

Kazakhstan, 1999 - 2001. Responsibilities: actuarial forecasting and social policy design

Senior Advisor to the Kazakhstan Actuarial Center, 2001 – 2006

**International Management and Communications Corp. (IMCC):**

Senior Economist and Director, 1998 - 2001

- Team Leader, Pension Reform Technical Assistance (PRTA) program to the Government of the Kyrgyz Republic, for the Asian Development Bank, Bishkek, Kyrgyzstan, June 1998 – May 1999.
- Senior Actuarial and Economics Expert, Kazakhstan pension reform project, USAID, May 1999 – May 2001.
- Demographic data expert, Kazakhstan insurance reform project, USAID, March 2000 – January 2001.
- CAER project, HIID/USAID, January – June 1999.

**Economics Institute:**

Professor of Economics, September 1996 – December 1998.

Associate Professor of Economics, January 1987 - August 1996.

President, January 1990 - December 1996.

Deputy Director/Academic Program, January 1987 - December 1989.

Courses: 8774 (Ph.D. Seminar on the Post-Soviet Economy), 6010 (advanced MA level Microeconomic Theory), 6363 (International Economics), 6333 (Research Methods), 5333 (Managerial Economics), 5010 (introductory MA/ advanced intermediate Microeconomic Theory), 6823 (Professional Business Communication), 4810 (Research Methodology), 6214 (Agricultural Development Seminar), 4020 (Intermediate Macroeconomic Theory), 4010 (Intermediate Microeconomic Theory).

**The World Bank:**

Consultant: Research Project RPO 672-64, Analysis of Indian Urbanization, 1981-1984.

Consultant for INDSP, evaluating public industrial enterprises in Zambia, 1984. Consultant

for WUD, analyzing urban economics research with reference to Africa, 1985-6. Country

assessment and analysis of structural adjustment policy in The Gambia (AF15D) 1989 -

1991. Consultant for Agricultural and Rural Development Department, working on CGE

models of Indonesia and Bangladesh, 1993.

**Vanderbilt University:**

Assistant Professor of Economics, September 1981 - December 1986.

Courses: Economics 389 (Ph.D. Seminar on Microeconomic Topics in Economic Development), 388 (Ph.D. Seminar on Economic Development), 355A-B (Seminar on Research on Economic Development, for students in the Graduate Program in Economic Development), 288 (Economic Development), 279 (Theory of Urban Structure), 269A (Economics of the Environment and Natural Resources), 263 (African Economic Development), and 232 (Intermediate Macroeconomic Theory).

**Harvard University:**

Visiting Scholar in Economics, Fall, 1984; HIID: consultant, CAER project, 1998-99.

**Princeton University:**

Assistant in Instruction: 1979-1981

Research Assistant: with Professor Don Fullerton, on an Office of Tax Analysis, U.S. Treasury Department contract to extend a dynamic general equilibrium simulation model of the United States, January 1980 - July 1981; with Dr. Laurence Morse on a U.S. Labor Department contract to study youth labor market problems, summer 1978.

**Thomas J. Watson Foundation Fellow:**

Independent study of state credit policies in three countries with large public sectors, in Tanzania, Yugoslavia, and New Zealand, May 1976 - May 1977.

**Grants, Research Contracts, and Fellowships (excluding AEA Summer Minority Program grants):**

- National Council of Eurasian and East European Research:** grant with Kathryn Anderson to investigate family structure and economic change in Central Asia, 2005-2006.
- Duke Center for International Development,** Faculty Research Grant in International Development, "Matching Health Care Delivery to Needs in a Transition Setting: Irkutsk Region, Eastern Siberia," 2004-2005; no cost extension through 2006.
- InterAmerican Development Bank:** contract to write a study on methods of assessing urban and regional competitiveness, 2001-02.
- National Institute on Aging:** research support to study the impact of economic crisis on adult mortality in developing transition economies, 2001-02.
- HIID/USAID:** research support (a) to work on post-Soviet demographic crisis; (b) to incorporate economic variables into demographic actuarial models for pension forecasting; CAER project, 1998.
- USAID:** grant to present a lecture series (in Russian) on (a) economic growth, (b) restructuring local government, and (c) demographic change in the former Soviet Union, in the Central Asian republics of Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan, 1995.
- Investor Responsibility Research Center:** research on South Africa's ability to resist sanctions, using SAMs and IO tables, 1988.
- The Carnegie Foundation:** research on the impact of sanctions against South Africa, summer 1987.
- The World Bank:** contract to write a survey of urban economics research on Africa, summer 1985.
- Vanderbilt University Research Council:** grant for research assistant and travel funds to study methods of determining factor substitution elasticities in economic computable general equilibrium models, summer 1985.
- The World Bank:** contract to complete a computer simulation model of India at Vanderbilt University, 1983 - 1984.
- Vanderbilt University Research Council:** grant for research assistant to use a household survey with retrospective data to study migration in Malaysia, with Kathryn H. Anderson, summer 1983.
- The World Bank:** funding for work on a computer simulation model of India, May - December 1982.
- Princeton University Fellowship,** September 1977 - June 1981.
- Sloan Foundation Fellowship in Applied Microeconomics,** Summer, 1979
- Thomas J. Watson Foundation Fellowship,** May 1976 - May 1977

**Publications:**

a. **Books**

Mills, Edwin S. and Charles M. Becker, 1986. *STUDIES IN INDIAN URBAN DEVELOPMENT*, New York: Oxford University Press.

Becker, Charles M., Trevor Bell, Haider Ali Khan, and Patricia Pollard. 1990. *THE IMPACT OF SANCTIONS ON SOUTH AFRICA*. Washington, DC: Investor Responsibility Research Center.

Becker, Charles M., Jeffrey G. Williamson, and Edwin S. Mills. 1992. *INDIAN URBANIZATION AND ECONOMIC GROWTH SINCE 1960*. Baltimore: Johns Hopkins University Press. (reviews in: September 1993 *Journal of Economic Literature* by Robert Evenson; February 1994 *Economic Development and Cultural Change* by John McDonald).

Becker, Charles M., Andrew M. Hamer, and Andrew R. Morrison. 1994. *BEYOND URBAN BIAS: AFRICAN CITIES IN AN AGE OF STRUCTURAL ADJUSTMENT*. London: Heinemann and James Currey. (reviews in: March 1996 *Population and Development Review*, by Subbiah Kannappan in *Economic Development and Cultural Change*, January 1998).

Becker, Charles M., Grigory A. Marchenko, Vladimir Evliev, Sabit Khakimzhanov, and Ai-Gul S. Seitenova, 2009. *PENSION REFORM IN TRANSITION ECONOMIES*. New York: Palgrave – Macmillan.

b. **Journal Articles**

(with Don Fullerton) "Income Tax Incentives to Promote Savings," *National Tax Journal*, **33**(3), September 1980, pp. 331-351.

(with Edwin S. Mills and Jeffrey G. Williamson) "Dynamics of Rural-Urban Migration in India, 1960-1981," *Indian Journal of Quantitative Economics*, **2**(1), June 1986, pp. 1-43.

(with Edwin S. Mills and Jeffrey G. Williamson) "Modeling Indian Migration and City Growth 1960-2000," *Economic Development and Cultural Change*, **35**(1), October 1986, pp. 1-33.

"Economic Sanctions against South Africa," *World Politics*, **39**(2), January 1987, pp. 147-173.

"Urban Sector Income Distribution and Economic Development," *Journal of Urban Economics*, **21**(2), March 1987, pp. 127-145.

(with Timothy Bartik, John Bush and Steven Lake) "Saturn and State Economic Development," *Forum for Applied Research and Public Policy*, **2**(1), Spring 1987, pp. 29-40.

(with Andrew Morrison) "The Determinants of Urban Population Growth in sub-Saharan Africa," *Economic Development and Cultural Change*, **36**(2), January 1988, pp. 259-278.

"The Impact of Sanctions on South Africa and Its Periphery," *African Studies Review*, **31**(2), September, 1988, pp. 61-88.

"The Demo-Economic Impact of the AIDS Pandemic in Sub-Saharan Africa," *World Development*, **18**(12), December 1990, pp 1599-1619.

(with Andrew Morrison) "Observational Equivalence in the Modeling of African Labor Markets and Rural-Urban Migration," *World Development*, **21**(4), April 1993, pp. 535-554.

(with Christopher Grewe) "Rural-Urban Migration in Africa: Do Age-Gender Cohorts Matter?" *Journal of African Economies*, **5**(2), June 1996, pp. 228-270.

(with David Hemley) "Interregional Inequality in Russia during the Transition Period", *Comparative Economic Studies*, **38**(1), May 1996, pp. 55-81.

(with Margarita Ibragimova, Grace Holmes and Damira Bibosunova) "Maternal Care vs. Economic Wealth and the Health of Newborns: Bishkek, Kyrgyz Republic and Kansas City, USA." *World Development*, **26**(11), November 1998, pp. 2057-2072.

(with Dina Urzhumova) "Pension Burdens and Labor Force Participation in Kazakstan." *World Development*, **26**(11), November 1998, pp. 2087-2103.

(with David Hemley) "Demographic Change in the Former Soviet Union during the Transition Period." *World Development*, **26**(11), November 1998, pp. 1957-1976.

(with David Bloom) "The Demographic Crisis in the Former Soviet Union: Introduction." *World Development*, **26**(11), November 1998, pp. 1913-1920.

(with Kathryn Anderson) "Post-Soviet Pension Systems, Retirement, and Elderly Poverty: Findings from the Kyrgyz Republic." *MOCT-MOST: Economic Policy in Transitional Economies* **9**(4), 1999, pp. 459-478.

(with Munir Quddus) "Speculative Price Bubbles in the Rice Market and the 1974 Bangladesh Famine," *Journal of Economic Development*, **25**(2), December 2000, pp. 155-175.

(with Sergey Paltsev) "Macro-Experimental Economics in the Kyrgyz Republic: Social Security Sustainability and Pension Reform," *Comparative Economic Studies* **43**(4), Fall 2001, pp.1-34.

"Fertility Decline in sub-Saharan Africa: Introduction," *Journal of African Policy Studies* **7**(2-3), May 2002, pp.1-16.

(with Ai-Gul Seitenova and Javier Piedra) "Demand for bank loans and credit bureau services in the Republic of Kazakhstan," *Central Asian Journal of Management, Economics and Social Research* **3**, June 2002, pp. 1-19.

(with Erbolat Musabek, Ai-Gul Seitenova, and Dina Urzhumova), "Short-run migration responses of men and women during a period of economic turmoil: lessons from Kazakhstan." *Eurasian Geography and Economics* **44**(3), 2003, pp. 228-243.

(with Sergey Paltsev) "Economic consequences of demographic change in the former USSR: social transfers in the Kyrgyz Republic," *World Development* **32**(11), November 2004, pp. 1849-1870.

(with Ai-Gul Seitenova), "Kazakhstan's pension system: pressures for change and dramatic reforms," *Hitotsubashi Journal of Economics* **45**(2), December 2004, pp. 151-187.

(with Erbolat Musabek, Ai-Gul Seitenova, and Dina Urzhumova), "The migration response to economic shock: lessons from Kazakhstan." *Journal of Comparative Economics* **33**(1), March 2005, pp. 107-132.

(with Dina Urzhumova) "Mortality recovery and stabilization in Kazakhstan," *Economics and Human Biology*, **3**(1), March 2005, pp. 97-122.

(with Terry-Ann Craigie) "W. Arthur Lewis in retrospect," *Review of Black Political Economy*, **34**(4), December 2007, pp. 187-216.

c. **Book Chapters, Conference Volume Papers, Edited Volume Chapters, and non-English Language Journal Articles**

(with Edwin S. Mills) "Urbanization, Public Services and Income Distribution in Developing Countries," in Ed B. Prantilla, Ed., NATIONAL DEVELOPMENT AND REGIONAL POLICY, Nagoya, Japan: Maruzen Asia for the U.N. Centre for Regional Development, 1981, pp. 57-70.

(with Edwin S. Mills and Jeffrey G. Williamson), "The Impact of Unbalanced Productivity Advance on Indian Urbanization: Some Preliminary Findings," *Modeling and Simulation*, 155(part 1), Research Park Triangle, NC: Instrument Society of America, 1984, pp. 187-194.

(with Kenneth C. Ray) "Water Resources in the Soviet Union: Trends and Prospects," in T. Nejat Veziroglu, Ed., THE BIOSPHERE: PROBLEMS AND SOLUTIONS, Amsterdam: Elsevier, 1984, pp.

347-379.

(with Edwin S. Mills and Jeffrey G. Williamson), "Modeling Indian Migration and City Growth," *IUSSP International Population Conference: Florence 1985*, **3**, Liege, IUSSP, 1985, pp. 123-132.

"Modeling Southern African Labor Markets: A Multi-country General Equilibrium Approach," *Modeling and Simulation*, **16**(part 1), Research Triangle Park, NC: Instrument Society of America, 1985, pp. 137-143.

(with Barry W. Poulson and Allen Rappaport, eds.), *INTERNATIONAL ECONOMICS INTEGRATION: LESSONS FROM THE 1980s AND PROSPECTS FOR THE 1990s*. Cedar Falls, IA: University of Northern Iowa Press, 1991. Proceedings of the Economics Institute Second World Banking and Finance Symposium and NAEFA Fifth International Congress.

"Migration and Urbanization in sub-Saharan Africa: International Agency Influences," in *IUSSP, POPULATION POLICY IN SUB-SAHARAN AFRICA: DRAWING ON INTERNATIONAL EXPERIENCE*. Liege: IUSSP, 1991.

(with Christopher Grewe) "Rural-Urban Migration in Latin America: Does Age-Gender Cohort Matter?" *Ciencia Economica* (Peru), **32** (April 1994), pp. 6-43.

(with Christopher Grewe) "Demographic Change in Asia: Some Implications for Public Policy" *Economy and Development* (Hanoi, Vietnam: National Economics University), 1995.

(with Andrew Morrison) "The Growth of African Cities: Theory and Estimates" in Archie Mafege and Samir Radwan, Eds. *ECONOMIC AND DEMOGRAPHIC CHANGE IN AFRICA*, Clarendon Press, Oxford, 1995.

(with Andrew Morrison), "Public Policy and Rural-Urban Migration" in Joseph Gugler, ed., *CITIES IN THE DEVELOPING WORLD*. New York, Oxford University Press, 1997.

"Enterprise Incentives in Post-Soviet Agribusiness and Manufacturing" in Robert E. Evenson, ed. 1998. *PROCEEDINGS OF THE CONFERENCE ON ATTAINING UKRAINE'S AGRO-INDUSTRIAL POTENTIAL*. New Haven, CT: Yale University, Economic Growth Center. Ukrainian language version published in three parts in *Propozitsiya* 2(8-9, 10, and 11), August-September, October and November 1997.

(with Andrew R. Morrison) "Urbanization in Transforming Economies", Ch. 43 in Paul Cheshire and Edwin S. Mills, Eds., *NORTH-HOLLAND HANDBOOK ON APPLIED URBAN ECONOMICS*. Amsterdam: Elsevier North-Holland, 1999, pp. 1173-1290.

National Research Council. 2003. *CITIES TRANSFORMED: THE DYNAMICS OF DEMOGRAPHIC CHANGE IN DEVELOPING COUNTRIES. PANEL ON URBAN POPULATION DYNAMICS*. Mark R. Montgomery and Richard Stren, editors, with the assistance of Holly Reed. Committee on Population, Division of Behavioral and Social Sciences and Education. Washington, DC: National Academies Press. [http://www.nap.edu/catalog.php?record\\_id=10693#toc](http://www.nap.edu/catalog.php?record_id=10693#toc). (Review in *Economic Development & Cultural Change* **56**(3): 714-717, April 2008, by Emmanuel Jimenez).

(with Ai-Gul Seitenova and Dina Urzhumova), "Pension Reform in Central Asia: an Overview." Ch. 9 in Masaaki Kuboniwa and Yoshiaki Nishimura, Eds. *Economics of Intergenerational Equity in Transition Economies*. Tokyo: Maruzen Publishers, 2006, pp. 233-254.

(with Ai-Gul Seitenova), "Fertility and Marriage in Kazakhstan's Transition Period:

Implications for Social Security Policy," Ch. 13 in Masaaki Kuboniwa and Yoshiaki Nishimura, Eds. *Economics of Intergenerational Equity in Transition Economies*. Tokyo: Maruzen Publishers, 2006, pp. 341-357. Japanese version: "Chuo Azia no Nenkin Kaikaku," in: Yoshiaki Nishimura (ed.), *Ikoukeizaikoku no Nenkin Kaikaku: Chutouou-Kyusoren Shokoku no Keiken to Nihon e no Kyokun (Pension Reforms in Transition Economies: Experiences in the CEE and FSU countries and Lessons for Japan)*, Minerva Publishing Co.: Kyoto, 2006, pp. 277-300. (Japanese translation prepared by Ichiro Iwasaki).

"Urbanization and Rural-Urban Migration." Ch. 35 in AMITAVA Dutt and Jaime Ros, Eds. *International Handbook of Development Economics*. Cheltenham, UK and Northampton, MA: Edward Elgar, 2008.

(with Gregory N. Price) "Curriculum Intensity in Graduate Preparatory Programs: Impact on Performance and Progression to Graduate Study among Minority Students in Economics," in Ronald G. Ehrenberg and Charlotte V. Kuh, Eds. *Doctoral Education and the Faculty of the Future*. Ithaca, NY: Cornell University Press, 2008.

[http://www.econ.duke.edu/Econ/Faculty/Users/cbecker\\_files/papers/BeckerPriceCHERI%20conf%20final.pdf](http://www.econ.duke.edu/Econ/Faculty/Users/cbecker_files/papers/BeckerPriceCHERI%20conf%20final.pdf)

#### d. **Other Publications and Documents**

Reading list, Economics 389, Seminar in Economic Development - Microeconomic Aspects (Spring 1984), in Edward Tower, ed., *ECONOMICS READING LISTS*, vol. 5 (DEVELOPMENT ECONOMICS), and reading list, Economics 263, African Economic Development (Spring 1985) in vol. 17 (COMPARATIVE SYSTEMS & PLANNING). Durham, NC: Eno River Press, 1985.

"Public Industrial Enterprises in Zambia," Washington, D.C.: The World Bank (INDSP), restricted circulation, 1985.

Review of Dharam Ghai and Lawrence Smith, *AGRICULTURAL PRICES, POLICY, AND EQUITY IN SUB-SAHARAN AFRICA*. Boulder, CO: Lynne Rienner, 1987. *Journal of Development Economics*, 1989.

Review of J. Vernon Henderson, *URBAN DEVELOPMENT: THEORY, FACT, AND ILLUSION*. New York: Oxford University Press, 1988. *Journal of Regional Science*, 1989.

POVERTY IN THE GAMBIA. Washington, DC: The World Bank (AF1SD), restricted circulation, 1991.

Review of Oded Stark, *LABOR AND MIGRATION*. Oxford: Basil Blackwell, 1990. *Contemporary Sociology*, April 1993.

Reading list, Economics 8668, Economic Demography, in Edward Tower, ed. *ECONOMICS READING LISTS*, Durham, NC: Eno River Press, 1995.

Review of Shirin Akiner, Sander Tideman, and John Hay, Eds. *SUSTAINABLE DEVELOPMENT IN CENTRAL ASIA*. New York: St. Martins Press.

1998. *Journal of Energy and Development*, **25**(2), Spring 2000.

PENSION REFORM IN THE KYRGYZ REPUBLIC. Edited monograph consisting 10 strategy papers, 6 background reports, and 9 technical reports.

Bishkek, Kyrgyz Republic and Arlington, VA: IMCC for the Asian Development Bank, April 1999.

(with Dina S. Urzhumova, Ai-Gul Seitenova, and Alexander Golovatsky). *GOVERNMENT OF KAZAKHSTAN PENSION EXPENDITURE FORECASTS*.

Almaty, Kazakhstan and Arlington, VA: IMCC for the Republic of Kazakhstan Ministry of Finance, USAID, and the World Bank. June 1999.

(with Dina S. Urzhumova). "Annuity and other retirement payout options in the Republic of Kazakhstan." Almaty: National Bank and

IMCC/USAID, June 2000.

(with Ai-Gul Seitenova and Dina Urzhumova). *ADEQUACY OF PENSIONS FOR DIFFERENT GROUPS OF EMPLOYEES AND RECOMMENDATIONS FOR ACTIONS NECESSARY TO ADEQUATELY ADDRESS IDENTIFIED RETIREMENT INCOME DEFICIENCIES*. Astana, Kazakhstan: Ministry of Labor and Social Protection, Second Annual Report to the World Bank in fulfillment of a conditionality for the continued disbursement of a PRIL (pension reform implementation loan), July 2000.

(with Dina Urzhumova and Ai-Gul Seitenova). *LONG-RUN FISCAL COSTS OF STATE PENSIONS AND SOCIAL ALLOWANCES*. Astana,

Kazakhstan: Ministry of Finance, Second Annual Report to the World Bank in compliance with conditions of the PRIL (pension reform implementation loan), July 2000.

Review of World Bank. 2000. ENTERING THE 21<sup>ST</sup> CENTURY: WORLD DEVELOPMENT REPORT 1999/2000. New York: Oxford University Press. *Regional Science and Urban Economics* **31**(6), pp. 757-764, November 2001.

Review of Arne Tostensen, et al., Eds. 2001. ASSOCIATIONAL LIFE IN AFRICAN CITIES: POPULAR RESPONSES TO THE URBAN CRISIS: Uppsala, Sweden: Nordiska Afrikainstitutet. *African Studies Review* **46**(1) pp. 193-194, April 2003.

Review of Bill Freund and Vishnu Padayachee, Eds. (D)URBAN VORTEX: SOUTH AFRICAN CITY IN TRANSITION. Pietermaritzburg, South Africa: University of Natal Press, 2002. *African Studies Review*, **47**(2), pp. 148-149, September 2004.

(with Ai-Gul Seitenova), "Disability in Kazakhstan: making sense of recent trends," Washington, DC: World Bank, Social Protection discussion paper 0802, February 2008.  
<http://siteresources.worldbank.org/SOCIALPROTECTION/Resources/SP-Discussion-papers/Disability-DP/0802.pdf>

### **Research in Progress: Working Papers and Manuscripts**

(with Rebecca Anthopolos), "Global Infant Mortality: Initial results from a cross-country infant mortality comparison project," Durham, NC: Duke University Department of Economics, unpublished ms. (presented at 2006 Southern Demographic Association meetings). (under review) [http://www.econ.duke.edu/Econ/Faculty/Users/checker\\_files/papers/Anthopolos-Becker\\_SDA\\_3.pdf](http://www.econ.duke.edu/Econ/Faculty/Users/checker_files/papers/Anthopolos-Becker_SDA_3.pdf)

(with Kathryn Anderson), "Marriage, fertility, education, and labor force participation decisions of young women in the Kyrgyz Republic," Durham, NC: Duke University Department of Economics, unpublished ms. (presented at 2006 Southern Economic Association meetings).

(with Sergey Paltsev) "The (In)credibility of Social Security Modeling in Transition Countries: Uncertainty Analysis for Kyrgyzstan," Durham, NC: Duke University Department of Economics, unpublished ms.

(with Irina Merkurjeva). "Disability transition risk: estimates from Russian longitudinal data with modifications for Kazakhstan." Durham, NC: Duke University Department of Economics, *working paper no. 05-07*.  
<http://www.econ.duke.edu/Papers/Abstracts05/abstract.05.07.html> (revise and resubmit from *Economics & Human Biology*)

(with Aleksandr Andreev), "Age-adjusted disability rates and regional effects in Russia," Durham, NC: Duke University Department of Economics, unpublished ms.

(with Wichsinee Wibulprasert), "Urban residential water demand at the onset of drought in a traditionally high-rainfall area," Durham, NC: Duke University Department of Economics, unpublished ms.

(with Galina An), "Another partition? Migration from Kazakhstan to Russia: Gender, age, ethnicity, & perceptions of uncertainty," Durham, NC: Duke University Department of Economics, unpublished ms.

"The unanticipated consequences of creating an indigenous intelligentsia: Soviet affirmative action and post-independence conflicts," Durham, NC: Duke University Department of Economics, unpublished ms.

### **Seminars:**

The World Bank (1982, 1983, Water Supply and Urban Development Seminar, Hershey, PA, 1985, 1990, 1999), University of Illinois-Urbana (1983, 1991, 1992), Beloit College (1983), Grinnell College (1983; Rosenfield Lectures, 1988), Harvard University (1984; HIID, 1996, 1998), University of Kentucky (1986), University of Colorado at Boulder (1986), Kansas State University (1987), University of Kansas (1987), University of Wyoming (1988), University of Denver (1988), Michigan State University (1988), Colorado State University (Agricultural Economics, 1989), Tulane University (1990), BAPINDO (Indonesian Development Bank, 1992), Williams College (1993), Indonesian Economic Association (1994), Malaysian Economic Association (1994), University of Colorado at Denver (1995, 1996, 1999; International Business, 1996), Yale University (1995, 1997), Colby College (1996), Belarussian State University (1996), Uzbekistan Presidential Academy for State and Society (1996), Kazakhstan Institute of Management, Economics, and Strategic Forecasting (KIMEP) (1997), Kyrgyz Center for Economic and Social Research (1998), Asian Development Bank (1998), US Agency for International Development (1999), InterAmerican Development Bank (1999),

University of Wisconsin – Milwaukee (2001), Tougaloo College (2002), Howard University (2003), Alabama A&M University (2/6/2004, Black History Month Lecture on W Arthur Lewis), Vanderbilt University (2/9/2004, Graduate Program in Economic Development, seminar on mortality increase and recovery in Kazakhstan and other former Soviet republics), Prairie View A&M University (2/16/2004, Distinguished Speaker program lecture on the contributions of W. Arthur Lewis), Wesleyan University (2/15/2004: determinants of mortality in Kazakhstan), Duke University (3/3/2004, Demography Workshop, determinants of mortality in Kazakhstan), Texas Southern University (2/16/05, seminar on W. Arthur Lewis), University of Texas – El Paso (2/18/05, seminar on contributions of W. Arthur Lewis), Rio Grande Economic Association (2/18/05, seminar on the Russian economy), University of Houston (2/23/06, on W. Arthur Lewis and developing countries' manufactures' exports), University of Texas – Austin (2/24/06, on macro-actuarial forecasting in transition economies), Grambling State University (2/7/07, on W. Arthur Lewis and developing countries' manufactures' exports), University of Nevada – Las Vegas (2/19/07, on W. Arthur Lewis and developing countries' manufactures' exports), Caucasus Research Resource Center (Baku, Azerbaijan) (6/17/09, on pension reform issues in transition economies, and a second lecture on migration modeling using data on Kazakhstan-Russia flows).

### **Presentations at Professional Meetings:**

- 1980 National Tax Association-Tax Institute of America annual meetings, Washington, DC (May). Co-authored paper on the effect of income tax incentives on U.S. savings behavior; presented by Don Fullerton.
- Society for Economic Dynamics and Control annual meetings, Princeton, NJ (June). Paper presented on optimal growth in a multisector analytical model.
- United National Centre for Regional Development, Seminar on Urbanization and National Development, Nagoya, Japan (October). Co-authored paper on urban inequality patterns; presented by Edwin S. Mills.
- 1982 University of Chicago, Conference on Urban Processes and Policies, Chicago, IL (May). Co-authored paper on urban sector income distribution patterns; presented by Edwin S. Mills.
- 1983 Population Association of America annual meetings, Pittsburgh, PA (April). Presented paper on city growth in Madhya Pradesh; co-authored by Edwin S. Mills.
- Regional Science Association annual meetings, Chicago, IL (November). Presented paper on estimating a computable general equilibrium model of India; co-authored by Edwin S. Mills and Jeffrey G. Williamson.
- American Real Estate and Urban Economic Association - ASSA annual meetings, San Francisco, CA (December). Presented paper on fiscal policy counterfactual simulations in a CGE model of India; co-authored by Edwin S. Mills and Jeffrey G. Williamson.
- 1984 Pittsburgh Conference on Modeling and Simulation, Fifteenth Meetings, Pittsburgh, PA (April). Presented paper on the impact of fiscal policies on the Indian economy, co-authored by Edwin S. Mills and Jeffrey G. Williamson.
- Miami International Symposium on the Biosphere, Miami Beach, FL (April). Presented paper on Soviet water resource policy and problems, co-authored by Kenneth C. Ray.
- 1985 Pittsburgh Conference on Modeling and Simulation, Sixteenth Meetings, Pittsburgh, PA (April). Presented paper on modeling the South African economy.
- International Union for the Scientific Study of Population (IUSSP), general conference, Florence, Italy (June). Presented paper on a general equilibrium model of India, co-authored by Edwin S. Mills and Jeffrey G. Williamson.
- Southern Economic Association annual meetings, Dallas, TX (November). Presented two papers, one on a CGE model of India and co-authored by Edwin S. Mills and Jeffrey G. Williamson; one on the determinants of African urbanization, co-authored by Andrew Morrison. Organized and chaired a session on African urban population growth.
- 1986 Regional Science Association annual meetings, Columbus, OH (November). Presented two papers, one on the determinants of urban income inequality across countries; one on African urbanization, co-authored by Andrew Morrison.
- Southern Economic Association meetings, New Orleans, LA (November). Presented two papers, one on investment and divestment policy in southern Africa; one on the determinants of income inequality across countries.
- IUSSP - University of Nairobi, Seminar on Consequences of Population Trends in Africa, Nairobi, Kenya (December). Presented paper on the determinants of growth of individual (especially secondary) African cities, co-authored by Andrew Morrison.
- American Economic Association - ASSA annual meetings, New Orleans, LA (December). Presented paper on the determinants of the pace of Indian urbanization, co-authored by Edwin S. Mills and Jeffrey G. Williamson.
- 1987 University of Southern California and Claremont Colleges, Conference on Blending Political and Economic Analysis of International Trade Policies, Los Angeles, CA (March). Presented paper on the impacts of sanctions against South Africa.
- American Political Science Association annual meetings, Chicago, IL (September). Presented paper on the impact of

- sanctions on South Africa and the frontline states.
- African Studies Association annual meetings, Denver, CO (November). Presented paper on the impact of sanctions on South Africa and the frontline states.
- American Economic Association - ASSA annual meetings, Chicago, IL (December). Presented paper analyzing the impact of sanctions on southern Africa and optimal frontline state policy.
- 1988 Eastern Economic Association -- ASSA annual meetings, Chicago, IL (December). Presented paper analyzing the impact of sanctions on southern Africa and optimal frontline state policy.
- African Studies Association annual meetings, Chicago, IL (October). Paper presented on the economic consequences of the AIDS epidemic in Africa.
- Regional Science Association annual meetings, Toronto, ONT (November). Paper presented on distinguishing neoclassical and labor-hoarding models' reduced form estimates, co-authored by Andrew Morrison.
- 1989 IUSSP-University of Kinshasa, Seminar on Population Policy in Sub-Saharan Africa: Drawing on International Experience, Kinshasa, Zaire (February-March). Presented paper on the impact of international agency policies on African migration and urbanization.
- North American Economics and Finance Association fifth international congress/Economics Institute second World Banking and Finance Symposium, Boulder, CO (July). Presented paper on a neoclassical model of dependency theory.
- African Studies Association annual meetings, Atlanta, GA (November). Presented paper on the economic impact of the AIDS pandemic in Africa.
- Regional Science Association annual meetings, Santa Barbara, CA (November). Presented paper on the impact of shifts in population age and education structure on urbanization in sub-Saharan Africa.
- 1990 Population Association of America annual meetings, Baltimore, MD (May). Presented paper on comparison of economic and demographic models of rural-urban migration in Africa, co-authored by Andrew Morrison.
- Western Economic Association annual meetings, San Diego, CA (June). Presented paper analyzing neoclassical, rent seeking and demographic cohort migration models, co-authored by Andrew Morrison.
- North American Regional Science Association annual meetings, Boston, MA (November). Presented paper on the impact of economic sanctions on the SADCC nations.
- 1991 Southern Economic Association annual meetings, Nashville, TN (November). Presented paper on determinants of default on small-scale loans in The Gambia, co-authored by Lubuele Luan'Sende.
- 1992 Conference in Honor of Edwin S. Mills, Northwestern University, Evanston, IL (April). Discussant.
- Population Association of America annual meetings, Denver, CO (May). Organized and chaired session on internal migration.
- North American Regional Science Association, Chicago, IL (November). Invited session in honor of Edwin S. Mills; presented paper on demographic cohort shifts and third world urbanization.
- African Studies Association, Seattle, WA (November). Paper presented on the neoclassical basis for dependency theory.
- 1993 African Studies Association, Boston, MA (December). Presented paper on cohort shifts and rural-urban migration.
- 1994 Population Association of America, Miami, FL (May). Presented paper on the determinants of cohort-specific rural-urban migration in Africa, co-authored by Chris Grewe.
- 1995 Southern Economic Association, New Orleans, LA (November). Presented paper on demographic change in the former Soviet Union.
- Regional Science Association, Cincinnati, OH (November). Presented paper on interregional income inequality in the former Soviet Union.
- 1996 Southern Economic Association, Washington, DC (November). Presented paper on mortality trends in Kazakhstan.
- 1997 Conference on Attaining Ukraine's Agro-Industrial Potential, Yale University, New Haven, CT (April). Presented paper on enterprise incentives in post-Soviet agribusiness.

Conference on Economic Transformation in Russia: Views of a New Generation, Zvenigorod, Moscow oblast, Russia, held by IREX, New Economics School, and University of Maryland - IRIS. Presented paper on enterprise incentives (*Stimulirovaniie predprinimatel'stva v usloviyakh post-sovietskogo agropromyshlennogo kompleksa i proizvodstva*)

Southern Economic Association, Atlanta, GA (November). Presented paper on pension reform and labor supply in Kazakhstan.

1998 Workshop on the Post-Soviet Mortality Crisis, Harvard Institute for International Development, Cambridge, MA (January). Co-chaired conference, and presented papers on mortality crisis in the former Soviet Union, and in Central Asia.

2000 Republican Seminar for Akims of Oblasts, Cities, and Raions, Astana, Kazakhstan (December). Co-author of paper presented by Dina Urzhumova on demographic trends in Kazakhstan and their economic significance.

2001 Western Economic Association, San Francisco, CA (July). Presented paper on actuarial forecasting models in the former Soviet Union (with Sergey Paltsev).

2002 Population Association of America, Atlanta, GA (May). Presented paper on migration from Kazakhstan to Russia over time (with Erbolat Musabek, Ai-Gul Seitenova, and Dina Urzhumova).

2003 Population Association of America, Minneapolis, MN (May). Presented paper on the determinants of age and gender-specific mortality in Kazakhstan (with Dina Urzhumova and Ai-Gul Seitenova); presented poster on the determinants of disability risk and transition in Russia (with Irina Merkur'yeva).

2004 Hitotsubashi University, Fourth Annual Workshop on Pension Reform in Transition Countries, Tokyo, Japan (March). Co-author of paper presented by Ai-Gul Seitenova on pension reform in Kazakhstan.

Chinese Aging and Socioeconomic Development Conference, Center for Chinese Demography, Duke University, Durham, NC (August). Presented paper on pension reform options in China.

Central Eurasian Studies Society, Fifth Annual Conference, Indiana University, Bloomington, IN (October). Presented paper on mortality risk in Kazakhstan (with Dina Urzhumova).

2005 Hitotsubashi University, Fifth Annual Workshop on Pension Reform in Transition Countries, Tokyo, Japan (March). Presented papers on pension reform in Central Asia (with Ai-Gul Seitenova and Dina Urzhumova) and on fertility and marriage in Kazakhstan (with Ai-Gul Seitenova).

National Science Foundation, Pan-REU Conference, Arlington, VA (September). Steering Committee member; ran workshops on underrepresented minority participation in NSF-funded undergraduate programs.

US House of Representatives Committee on Science and Technology, Washington, DC (September) (organized by AAAS and NSF). Presented poster on the AEA Summer Program.

2006 National Economic Association annual meetings (ASSA) (January), Boston, MA. Presented paper on W. Arthur Lewis's vision of developing countries becoming manufactured goods' exporters (with Terry-Ann Craigie).

National Science Foundation/University of North Carolina, Conference on Broadening Participation in the Social, Behavior/al/ and Economic Sciences (SBE) (March), Chapel Hill, NC. Presented talk on the AEA Summer Program.

Belarussian State University, School of Business, 10<sup>th</sup> Anniversary Conference "New Challenges in Business Education" (April), Minsk, Belarus. Presented talk on the role of research in graduate business programs.

Cornell Higher Education Research Institute (CHERI) conference on Doctoral Education and the Faculty of the Future (October), Ithaca, NY. Presented paper on Curriculum intensity in graduate preparatory programs: impact on performance and progression to graduate study among minority students in Economics (with Gregory Price).

Southern Demographic Association annual meetings (November), Durham, NC. Presented paper on re-estimating infant mortality rates in developing countries (with Rebecca Anthopoulos).

Southern Economic Association annual meetings (November), Charleston, SC. Presented paper on Marriage, fertility, education, and labor force participation decisions of young women in the Kyrgyz Republic (with Kathryn Anderson)

2007 World Bank, Social Protection conference on disability (December), Washington, DC. Panelist.

2008 National Economic Association annual meetings (ASSA) (January), New Orleans, LA. Co-authored paper presented on the impact of the AEA Summer Program on progression to doctoral programs (with Gregory Price).

World Bank, ECA workshop on micro responses to macro shocks (February), Washington, DC. Presentation on micro responses in Central Asia.

Southern Demographic Association (November), Greenville, DC. Presented paper on residential water demand during drought conditions in Durham, NC (with Wichsinee Wibulpolprasert)

American Association for the Advancement of Slavic Studies (November), Philadelphia, PA. Presented paper on migration from Kazakhstan to Russia, exploring the impact of anticipated higher moments (with Galina An).

2009 Workshop on Development Strategies for Preventing Inter-Group Violence, Pacific Basin Research Center (June), Aliso Viejo, CA. Paper presented

(on my behalf by Natalia Mirovitskaya) on the unanticipated consequences of creating an indigenous intelligentsia: Soviet affirmative action and post-independence conflicts.

Koc University-ACC, conference on Eurasia in a global context (June), Istanbul, Turkey. Presented paper on migration from Kazakhstan to Russia, exploring the impact of anticipated higher moments (with Galina An).

International Union for the Scientific Study of Population, 26<sup>th</sup> quadriennial International Population Conference (September), Marrakech, Morocco. Will present paper on re-estimating infant mortality rates in developing and middle-income countries (with Rebecca Anthopolos)

American Public Health Association, 137<sup>th</sup> annual meeting, (November) Philadelphia, PA. Will present paper on the effect of parental investment on sexual concurrency among young adults in metropolitan Cape Town, South Africa (with I-Heng Emma Lee and Harsha Thiramurthy)

### **Professional Societies:**

American Economic Association, American Society of Hispanic Economists, National Economic Association, Population Association of America, Southern Demographic Association, Southern Economic Association, Western Economic Association International

### **Professional Service/Advisory Positions:**

*Kazakhstan Economic Review*, Editorial Board, 2009 - present.

*Economics & Human Biology*, Editorial Board, 2004 - present.

*World Development*, Editorial Board, 1994 - present.

*Africa Today*, Editorial Consulting Board, 1995 - present.

Center for Chinese Populations and Socioeconomic Studies, Duke University, faculty associate, 2005 – present.

Center for Slavic, Eurasian, and East European Studies, Duke University, Advisory Board, 2005 – present.

Duke University, Diversity Initiative for Tenure in Economics (DITE) mentor, 2008 – present. Mentees: Dr. Tiffany Green; Dr. Leonidas Muryemba; Prof. Luisa Blanco-Raynal.

International Advisory Board, Kyiv School of Economics, 2005 - present

University of Central Asia, international advisor, 2007 - present

National Economic Association, Board of Directors, 2004 – 2007

National Science Foundation pan-REU conference, Steering Committee member, 2004 – 2006

American Economic Association, Committee on the Status of Minority Groups in the Economics Profession, Subcommittee to Study the Causes and Consequences of the

Absence of Minorities in the Economics Profession, 2001 – 2004

Duke University Library, Slavic and Eurasian Librarian Search Committee, 2006

National Science Foundation, Pan-REU Program National Workshop, 2004-2005, Steering Committee member

*Ad Hoc* Committee to Increase Undergraduate Research in the STEM Disciplines (under the aegis of the National Science Foundation), 2005 – 2006, Chair

*Global Economic Review*, (Yonsei University, Seoul, Republic of Korea), Editorial Board, 1994 – 2004.

National Research Council/ National Academy of Sciences, Committee on Population, Panel on Urban Population Dynamics, 1999 – 2003.

National Bank of the Republic of Kazakhstan, Actuarial Advisory Committee member, 2000 – present

External promotion review committees: Kevin Foster (City College of New York), Haider A. Khan (University of Denver), Andrew Morrison (Tulane University), Munir Quddus (University of Southern Indiana), Steven Radelet (Harvard University, HIID), Vibhooti Shukla (University of Texas, Dallas), Victor Agadjanian (Arizona State University).

International Programs Advisory Committee, University of Colorado at Denver, 2002 – 2003.

External Advisory Board, Metropolitan State University (Denver) Department of Economics, 1995 – 2003.

University of Colorado at Denver Center for International Business Education and Research (CIBER) advisory council, 1993 – 2003

Estonian Business School, International Advisory Board, 1995 - 1997.

Russian – American Contemporary Issues Fellowship Program selection committee (administered by IREX), 2001.

Russian – American Young Leaders Fellowship Program selection committee (administered by IREX), 1998 – 2001, 2003.

Government of the Republic of Kazakhstan, Bolashak Scholars selection committee, 1997

Ron Brown Fellowship Program selection committee for graduate fellows from Central and Eastern Europe (administered by IREX), 1996 - 1998

Edmund Muskie Fellowship Program selection committee for graduate fellows in Economics from the former Soviet Union, (administered by IREX, 1992-95; ACTR/ACCELS 1996 - 1998), 1992 - 1998.

African Institute of Graduate Studies (AIGS). Board of Directors, 1997 - 2000.

*Rocky Mountain News*. Board of Economists, and Business Section Columnist. 1992-94

Social Science Research Council/American Council of Learned Societies Joint Committee on African Studies, 1988 – 1993.

Social Science Research Council/American Council of Learned Societies, Subcommittee on African Agriculture, 1989 - 1992.

TEMOK (African business and investment opportunities consulting firm), Advisory Board, 1987 - 1995

University of Zimbabwe, Department of Economics. Interviewer of prospective faculty, 1987, 1990 (panel chair, 1993)

### **Refereeing Assistance:**

*Africa Today, Agricultural Economics, African Studies Review, American Journal of Epidemiology, Asian Population Studies, Canadian Journal of African Studies, Comparative Economic Studies, Economic Development and Cultural Change, Economic Inquiry, Economics & Human Biology, Global Economic Review, Growth and Change, Heinemann Educational Books, Inc., Harper & Row, Hong Kong University Research Grants Council, International Regional Science Review, International Studies Quarterly, Journal of Comparative Economics, Journal of Economic Development, Journal of Energy and Development, Journal of Environmental Economics and Management, Journal of Institutional Economics, Journal of Political Economy, Journal of Urban Economics, Lynne Reinner Publishers, McGraw-Hill, National Academy of Sciences, National Science Foundation, North American Review of Economics and Finance, Population and Development Review, Population Reference Bureau (editorial assistance), Population Studies, Regional Science & Urban Economics, Regional Science Perspectives, Research on Aging, Review of Development Economics, Review of Political Economy, Review of Regional Studies, Rivista Internazionale di Scienze Economiche e Commerciali, Review of Urban & Regional Development Studies, Routledge, Science, Social Biology, Social Science & Humanities Research Council of Canada, Thinkwell Electronic Publishers, Urban Studies, West Publishers, Westview Press, World Bank Economic Review, World Bank research committee, World Development, World Resources Report 88-89.*

### **Ph.D. Thesis Committees:**

Alma Nuñez Hale, University of Texas – Pan American (title TBA)

Scott Lustig, Duke University, transitional economics with a focus on health policy (title TBA), (in progress) (Chair)

I-Heng (Emma) Lee, University of North Carolina (Health Policy), “The impact of HIV testing on investment in human capital, consumption, and intra-household allocation of resources in South Africa,” (in progress).

Maria Eugenia Genoni, Duke University, micro-development economics (title TBA), (in progress)

Erika Martinez, Duke University, education economics (title TBA), (in progress)

Nurgul Ukueva, Duke University, “Modeling Fertility, Marriage. Education, and Employment Decisions among Kyrgyz Women,” (in progress)

Maya Anatol'evna Druzhkina, Ural State Economics University, “The Role of Management Efficiency in the Development of Firms' Export Potential (Эффективность Управления Развитием Экспортного Потенциала Предприятия), external reader for degree of Candidate of Science, December 2007

Luky Alfirman, University of Colorado. “Public Revenue and Expenditure Forecasting in Indonesia.” 2004 (senior economist, Indonesia Ministry of Finance)

Sylvia Allegretto, University of Colorado. “The Impact of Sexual Orientation on Wages and Fertility among US Women.” 2003 (economist, Economic Policy Institute, [http://www.epi.org/author\\_details.cfm?author\\_id=99](http://www.epi.org/author_details.cfm?author_id=99))

Sergey Paltsev, University of Colorado. “Pension and Tax Reform in the Former Soviet Union.” 2001. (energy economist, Joint Program on Science and Policy of Global Change, MIT <http://web.mit.edu/paltsev/www/>)

Cheryl Dawson, University of Denver. "The Relationship of Ownership-Control Structures with Efficiency and Economic and Social Justice in Transitional Economies: Enterprises in the Baltic Republics." 2001

Ronald Cossman, University of Colorado, "Urbanization and Inequality in the United States." 2001 (Assistant Research Professor, SSRC, Mississippi State University, <http://www.ssrc.msstate.edu/Faculty/fellows/cossmanr.htm>)

Sameer Rajbhandary, University of Colorado, "Replacement Fertility in Nepal." 2000. (economist, Health Canada)

Christopher Grewe, University of Colorado. "Demographic Structure, Urbanization, and Economic Development." 1999. (economist, and Ukraine Desk Officer US Treasury)

Omar Bello, University of Colorado, "Returns to Human Capital Investment in Venezuela." 2000 (economist, UN Economic Commission on Latin America and the Caribbean)

Kenichi Imai, University of Colorado, "Urban Structural Change in Asian LDC Large Cities." 1999

Gregory Berg, University of Colorado, "Consumer Demand, Tax Policy, and a New Semi-Parametric Estimation Technique for South Africa." 1998

William Taylor, University of Colorado. "Income Inequality in the United States." 1997

Levon Kazarian, University of Colorado. "Advances in Computable General Equilibrium Modeling." 1996

Henry Lumbantoruan, University of Colorado. "Relative Efficiency of Public and Private Enterprises in Indonesia." 1996. (Director, External Loans/Assistance Management, Indonesian Coordinating Ministry of Economic Affairs)

Anne Bliss, University of Colorado. "The Effects of Intensive Pre-Graduate Instruction on the Academic Performance and Social Adjustment of International Students in American Graduate Schools." 1993. 9Senior Instructor, Writing Program, University of Colorado at Boulder <http://spot.colorado.edu/~aabliss/>)

Elizabeth Herr, University of Colorado. "Female Labor Force Participation in 1880 Colorado." 1993. (senior statistician, Noel-Levitz <https://www.noellevitz.com>)

Jacintha Jayitalake, Vanderbilt University. "The Demographic Transition in Sri Lanka." 1992. (Professor of Economics, Northern Virginia Community College, <http://www.nvcc.edu/home/mjayatilake/>)

Rutilio Martinez, Vanderbilt University, "The Impact of Land Reform on Mexican Agricultural Productivity." 1991. (Assistant Professor of Business Statistics, University of Northern Colorado <http://www.mcb.unco.edu/web/fs/faculty.cfm?ss=38902UNCO>)

Saad Khalil, University of Colorado, "Estimates of Agricultural Frontier Production Functions for the Sudan." 1990 (International Education Officer, Embassy of Oman to the United States)

Nik Rahimah Nik Jacob, University of Colorado, "Toward an Understanding of Product Symbolism: An Empirical Assessment of Ethnic Subcultural Influences." 1989. (Lecturer in Marketing and Management, International Islamic University Malaysia, <http://www.managementcentre.com.my/university/professor.htm>)

Khalid Al-Sweilem, University of Colorado, "An Optimal Control Approach to Designing Fiscal Policy for Saudi Arabia." (Chair) 1989. (Director General of Investment, Saudi Arabian Monetary Authority)

Andrew R. Morrison, Vanderbilt University, "Rural-Urban Linkages and Regional Development: The Case of Peru." 1988 (Chair). Dorothy Thomas Award from the Population Association of America for most outstanding essay in demography by a recent Ph.D., 1989. (senior economist, World Bank, <http://alc.gdln.org/sectores/PREM/documents/sept2004/AMorrisonCV.pdf>)

Dramane Oulai, University of Colorado, "Foreign Trade Policies and Urban Bound Migration in Developing Countries." 1987. (economist, International Institute for Education Planning)

Rogayah H.M.Z., Vanderbilt University, "The Redistributive Impacts of Malaysia's Bumiputra Policy: An Analysis Using a Computable General Equilibrium Model." 1986. (Director, Institute of Malaysian and International Studies, National University of Malaysia)

Bradley P. Bullock, Vanderbilt University, "Basic Needs Fulfillment Among Less Developed Countries, 1960-1980: Social Progress over Two Decades of Economic Growth." 1986

Koichi Nakajima, Vanderbilt University, "Dynamic Models of Optimal Rural Family Formation." 1986 (Co-chair). (Professor of Economics, Tezukayama University)

Carlos M. Benevides, Vanderbilt University, "Income Distribution in Brazil: 1970-1980 Compared." 1985.

Munir Quddus, Vanderbilt University, "Rational Speculation in the Food Market: A Study of the 1974 Famine in Bangladesh." 1985. (Dean, School of Business, Prairie View A&M State University <http://cob.pvamu.edu/faculty/resume/Mquddus.pdf>)

Mohammad Sohrab Uddin, Vanderbilt University, "Money, Prices and Balance of Payments: Studies of Selected South Asian Countries." 1984. (Director General, Bangladesh Institute of Bank Management)

M. Louise Fox, Vanderbilt University, "Income Distribution in Brazil: Better Numbers and New Findings." 1982. (Lead Specialist, Africa Region, World Bank)

### **Duke MA Thesis Committees:**

2003: Michael Eilert, John Geary, Heather Zuleba

2004: Adam Aiken, Yun-Shan Chen, Aya Kachi

2005: Sanghyun Doh, Chinmay Shah, Joseph Suah, Daniel Taylor

2006: Brett Benson, Jason Duan, Byung-Soo Lee, Sinziana Popa

2007: Karl Boulware, Michael O'Grady, Abel Rodriguez, Wilko Schultz-Mahlendorf, Wiroy Shin, EJ Ume, Cheng-Ying Yang

2008: Brett Benson, Daniel Kselman, John Niles, Sinziana Popa, James Saad

2009: David Siroky

### **Duke BA Honors' Theses supervised:**

2005-2006: Wifag Adnan

2006-2007: Ryan Mattison

2007-2008: Aleksandr Andreev (Best Paper award, 2008 Duke Undergraduate Research Symposium)

2008-2009: Daniel Houghton

2009-2010: Andrea Coravos

### **Duke undergraduates who have gone on to PhD programs:**

2001: Robynn Cox (Georgia State)

2005: Mariana Carrera (Berkeley) (NSF scholarship)

2005: Byung-Soo Lee (Penn State)

2005: Jinghui Lim (Vanderbilt)

2006: Wifag Adnan (Princeton)

2006: Wilko Schulz-Mahlendorf (UCLA)

2006: Michael Suher (Brown)

2007: Aaron Hedlund (Penn)

2008: Aleksandr Andreev (UNC-Chapel Hill) (NSF scholarship)

2009: Wichsinee Wibulpolprasert (Stanford)

### **Administrative Experience:**

**Economics Institute: Deputy Director/Academic Program** (January 1987 – December 1989)

Efforts were devoted primarily to improving course quality, and streamlining course offerings in an effort to cut costs. Introduced long-term faculty contracts and evaluation mechanisms; arranged for distinguished visiting faculty; organized student advising and university placement. Activities were similar to those of a Chair at a mixed teaching/research university's Economics Department.

**Economics Institute: President** (January 1990 – December 1996)

A detailed record of activities is available from the 1990 – 1997 *Annual Reports* of the Institute. The achievements listed (and many others) are not, of course, solely or even

mostly due to my efforts: rather, I was fortunate to participate in the exceptional development of an outstanding academic institution. Highlights include:

- operating in the black both on cash and financial bases for all seven years with budget of \$4 million – 5 million USD;
- tripling the size of the Institute's enrollments; doubling faculty and staff;
- overseeing renovation of all buildings; acquisition of new facilities to double the Institute's physical plant to 50,000 square feet;
- establishing permanent research faculty with national recognition;
- establishing overseas programs in Belarus, Korea, Indonesia, Malaysia, Mongolia, Venezuela, Vietnam;
- managed successful transition from exclusive degree preparation to mixed program providing short-term professional training as market shifted;
- success rate of roughly 75% on USAID contracts on which the EI bid; ranked as top short-term program provider (together with CDC) in internal USAID evaluation;
- establishment of decentralized and democratic internal management systems; rigorous budgeting and personnel policies;
- enhanced and extensive relations with University of Colorado and the US academic community at large;
- creation of joint programs with Universities of Colorado (Economics, Journalism), Arkansas (Business), and Illinois (Accounting).

**IMCC/Asian Development Bank: Team Leader, Kyrgyz Pension Reform Technical Assistance project** (June 1998 – May 1999)

Directed an approximately \$800,000 project designed to provide technical assistance and gauge the feasibility of encouraging a second pillar (mandatory defined contribution accounts) and providing a loan to assist in transition costs (such a move was not recommended). Opened an IMCC office in Bishkek, hired expatriate and local staff that at various times included about 20 personnel. Conducted several seminars, regularly advised Social Fund Ministers and senior Ministry of Finance staff, coordinated policy with World Bank and IMF missions, redesigned actuarial forecasts, gave live TV interviews (in Russian), and produced a large number of analytic policy and research documents in Russian and English.

**Pragma/USAID and individual contractor: Senior Actuarial Advisor to the Government of the Republic of Kazakhstan** (March 2000 – present)

Provided numerous advisory tasks on behalf of the National Bank, Ministry of Labor and Social Protection, and Ministry of Finance. Served as Leader of the Actuarial Advisory Unit; coordinated and wrote substantial parts of two reports to the World Bank in fulfillment of PRIL loan conditions; designed macro actuarial forecasting strategies based on improved demographic analysis; advised on insurance sector development; advised on social policy formation; advised on annuity and other payout options for holders of defined contribution accumulation accounts.

**University of Colorado at Denver, Department of Economics, Program in International Business and Economic Studies (PIBES): Co-Director** (June 1999 – December 2002)

Developed Business Economics concentration as part of the Economics MA degree. PIBES was responsible for developing business economics courses, coordinating them with other graduate economics courses, and assisting in staffing of these courses. PIBES was also responsible for recruiting and advising international students, and working with sponsors. The program started with 6 students in 1999, and presently grew to roughly 20 MA students, accounting for approximately half of the UCD MA Economics program.

**American Economic Association, Summer Program (AEASP) and Minority**

**Scholarship Program: Director** (September 2000 – August 2007)

Organized UC-Denver's successful effort to become the eighth host of the AEA's Summer Minority Program, and the first non-doctoral program to do so. Directorship involves course planning and academic program organization, faculty and teaching assistant recruitment, student recruitment and selection, alumni advising and placement assistance, financial management, reporting to the AEA (summary reports to the Executive Committee are published annually in the May *American Economic Review*; detailed reports to the Committee on the Status of Minority Groups in the Economics Profession are available from the AEA), and coordinated with UCD's partner institution, North Carolina A&T State University. Grant writing and fund raising is also a major activity. The Summer Program at UCD has changed markedly, with the introduction of two levels of instruction. This has enabled recruitment of younger students from less competitive institutions, as these participants can attend both levels over two summers. Applications roughly doubled and enrollments rose approximately 50% with the move to UCD; student satisfaction with the program has also been very high. Oversaw the AEASP's move to Duke University and its further expansion there. The 2005 program had 39 participants, about 30% larger than at UCD; during the program's final year at Duke there were 47 participants. During the past seven years, there have been 195 minority alumni, including 38 students who participated in two summers; the average enrollment has been 33. Since the program expanded to a two-level (Foundations and Advanced) structure in 2001, some 73 of the 195 alumni over the past seven years have entered doctoral programs, another 12 are applying to PhD programs this year, and 59 more are considering taking the plunge. During this period, 5 students have completed their PhDs, about 5 are going on the market this year, and for the foreseeable future roughly 8 alumni per year will complete doctorates and enter the job market.

**Economics MA program Academic Director, Duke University** (August 2003 – present)

Oversaw the academic restructuring of the program and subsequent program growth; planned expansion of course offerings and their integration with AEASP courses. Program size has grown considerably and applicant pool rose from an average of 47 in 2003 and 2004 to 113 in 2005, 121 in 2006, 144 in 2007, 246 in 2008, and 350 in 2009. Introduced standard MA core curriculum, concentrations in (a) economic analysis/PhD preparation, (b) history of political economy, (c) financial economics, and (d) applied economics to complement existing programs; instituted mathematics and econometrics requirements; introduced non-thesis option; introduced January entry option; secured support for internship program. Recent expansion includes tracks in (e) health economics, and (f) Accounting PhD preparation.

**References:**

**Academic:** The following served as external reviewers for my promotion to Full Professor at the EI:

Robert E. Evenson (Economics, Yale University)  
 J. Vernon Henderson (Economics, Brown University)  
 Edwin S. Mills (Kellogg School, Northwestern University)  
 Sherman Robinson (International Food Policy Research Institute, Washington, DC)  
 Edward Tower (Economics, Duke University)  
 Jeffrey G. Williamson (Economics, Harvard University)

**Administrative** (and academic) references:

William A. Darity, Jr. (University of North Carolina)  
 William Kaempfer (Economics and Vice-Chancellor, University of Colorado at Boulder)  
 Steven Medema (University of Colorado at Denver)  
 Edwin S. Mills (Kellogg School, Northwestern University)

**Personal:** *hobbies/activities:* bicycling (touring), non-technical mountain climbing  
*community:* Little League baseball coach (1990-97) from T-ball (6-7) to Seniors (13-15)

age groups

*languages*: Russian (good), Serbian/Bosnian (fair)

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October 18, 2009