

MARK C. REGETS

EDUCATION:

Ph.D. May 1989, Economics, State University of New York at Binghamton

Fields of specialization: Labor Economics and Applied Econometrics

Dissertation topic: Naval Reserve Retention: Moonlighting or Voluntarism

Advisors: Prof. Solomon W. Polachek, Prof. Stanley Masters, Prof. Hiam Ofek

M.A. December 1982, Economics and Finance, State University of New York at Binghamton

B.A. January 1980, Economics and Political Science, Central Connecticut State University

PROFESSIONAL EXPERIENCE:

January 1993 - Present National Science Foundation

In each position I have held with NSF, I have conducted research on science and engineering labor markets. Major responsibilities have included:

- Authored biennial chapter on The Science and Engineering Labor Force in the National Science Board's Science and Engineering Indicators from 1996-2010, and a contributor to other sections of the report.
- Director of 1993 National Survey of College Graduates, the largest survey ever conducted by NSF with a sample of 216,000 interviewed via mail, CATI, and personal visits. The NSCG was completed on time, with an 80% response rates, and exceeded its original 3-year budget of \$10.3 budget by less than 1%.
- Project Officer for National Academies of Sciences Study of Information Technology Labor Markets and High Skill Migration
- Project Officer for New Immigrant Survey Pilot (NIS-P) and the New Immigrant Survey-2001

Project officer for several interagency activities, including creation of special data for NSF from the BLS Occupation and Employment Statistics Survey; estimating stay rates for foreign doctorate recipients with the Department of Energy and the Social Security Administration.

- NSF representative to OECD Focus Group on High Skill Mobility and to the U.S. Government's, Interagency Group on Immigration Research and Statistics.
- IZA's (Germany's) representative to the European Network on Human Mobility.
- NSF representative to National Science and Technology Council working groups on STEM Capacity and on Workforce Development and Education (2003-2007)
- Participated in the redesign of NSF labor force surveys for the 2000's decade, as well as the earlier 1995-1999 SESTAT surveys.

February 2010-February 2011 on assignment to National Academies, National Research Council, Board on Higher Education and Workforce.

Contributed to reports on graduate education, research universities, and technical labor forces.

February 1988 - January 1993 Economist, U.S. Commission on Civil Rights

Director, Illegal Immigration Policy Program	(November 1988-January 1993)
Researcher, Housing Discrimination Enforcement	(January 1992-January 1993)
Co-Director, Hispanic Socioeconomic Status Project	(July 1990-December 1991)
Chief Staff Representative to the Attorney General's Immigration Reform Taskforce	(March 1990-November 1990)
Director, Parental Choice in Education Project	(August 1989-May 1990)
Researcher, Economic Status of Black Women	(February 1988-October 1988)

August 1984 - February 1988 Research Analyst, Center for Naval Analyses

I had primary responsibility for the design of a Naval Reserve personnel planning model and econometric analysis of Reserve labor supply.

September 1981 - August 1983 Economics Department computer consultant, SUNY-Binghamton

I assisted faculty with research involving large data sets (NLS, PSID, Census PUMS) or unusual programming needs.

TEACHING EXPERIENCE:

Adjunct Assoc. Prof.: Spring 2006 and 2007, Economics of Science and Technology, Georgetown University

Lecturer: Summers of 1981 and 1983, SUNY-Binghamton, Principles of Micro and Macroeconomics

Lecturer: Fall 1981, Broome Community College, Principles of Microeconomics

Teaching Assistant: SUNY-Binghamton, Principles of Micro and Macroeconomics, Masters-level econometrics

Economics Department computer consultant, SUNY-Binghamton: 1981-1983, Presented seminars on the use of computers, programming, and statistical software packages (Fortran, SAS, TSP)

PUBLISHED PAPERS, CHAPTERS AND REPORTS:

The Science and Engineering Labor Force, with Nirmala Kannancutty and Steven Proudfoot, in *Science and Engineering Indicators: 2010*, National Science Board, 2010

Adapting to the New High-Skilled Migration, Harvard International Review, *Issue on Global Education*, Vol. 30 (3) - Fall 2008 Issue

The Science and Engineering Labor Force, in Science and Engineering Indicators: 2008, National Science Board, 2008

Asia's Rising Science and Technology Strength: Comparative Indicators for Asia, the European Union, and the United State, with Jean Johnson and other NSF authors, National Science Foundation, 2007

Research Issues in the International Migration of Highly Skilled Workers: A Perspective with Data from the United States, National Science Foundation, 2007

A Half-Century Snapshot of the STEM Workforce: 1950 to 2000, with B. Lindsay Lowell, Commission on Professionals in Science and Technology, 2006

What Do People Do After Earning A Science and Engineering Bachelor's Degree?, National Science Foundation, 2006

The Science and Engineering Labor Force, in Science and Engineering Indicators: 2006, National Science Board, 2006

International Labor Force Migration, in "Education and Employment in Science and Engineering: A Global Perspective", edited by Nathan Bell, Commission on Professionals in Science and Technology, 2004

The Science and Engineering Labor Force, in Science and Engineering Indicators: 2004, National Science Board, 2004

International Mobility of Scientists and Engineers to the United States: Brain Drain or Brain Circulation, in "Taking Sides: Clashing Views on Global Issues", edited by James Harf, 2003

The Science and Engineering Labor Force, in Science and Engineering Indicators: 2002, National Science Board, 2002

The Science and Engineering Workforce, with R. Wilkinson, in Science and Engineering Indicators: 2000, National Science Board, 2000

U.S. Graduate Education, with J. Johnson and A. Rapoport, in *Graduate Education Reform in Europe, Asia, and the Americas and International Mobility of Scientists and Engineers*, Edited by Jean Johnson, National Science Foundation, May 2000

Foreign Science and Technology Personnel in the United States, in *Mobilising Human Resources for Innovation*, Organization for Economic Cooperation and Development, OECD Committee for Scientific and Technological Policy, December 1999

Immigrants and Human Capital Investment, with H. Duleep, American Economic Review, May 1999.

The Science and Engineering Workforce, with R. Wilkinson, in Science and Engineering Indicators: 1998, National Science Board, 1998

Projecting Immigrant Earnings: The Significance of Country of Origin, with H. Duleep, Social Security Bulletin, no. 4, 1998, pp. 32-44.

International Mobility of Scientist and Engineers to the United States—Brain Drain or Brain Circulation, with J. Johnson, National Science Foundation, NSF 98-316, June 1998

Immigrant Entry Earnings and Human Capital Growth, with H. Duleep, Research in Labor Economics, vol. 16, 1997, pp. 297-317.

Measuring Immigrant Wage Growth Using Matched CPS Files, with H. Duleep, Demography, May 1997, vol. 34, no. 2, pp. 239-249.

The Decline in Immigrant Entry Earnings: Less Transferable Skills or Lower Ability? with H. Duleep, Quarterly Review of Economics and Finance, vol. 37, Special Issue on Immigration, 1997, pp. 189-208.

Family Unification, Siblings, and Skills, with H. Duleep, in Harriet Duleep and Phanindra V. Wunnava (editors), Immigrants and Immigration Policy: Individual Skills, Family Ties, and Group Identities, Greenwich, CT: JAI Press, 1996, pp. 219-244.

Social Security and Immigrant Earnings, with H. Duleep, Social Security Bulletin, vol. 59, no. 2, Summer 1996, pp. 20-30.

The Science and Engineering Workforce, with R. Wilkinson, in Science and Engineering Indicators: 1996, National Science Board, 1996

"Admission Criteria and Immigrant Earnings Profiles, with H. Duleep, International Migration Review, Summer 1996

Earnings Convergence: Does it Matter Where Immigrants Come From or Why?, with H. Duleep, Canadian Journal of Economics, Spring 1996

Some Evidence on the Effect of Admission Criteria on Immigrant Assimilation: The Earning Profiles of Asian Immigrants in Canada and the U.S., with H. Duleep, in Immigration, Language, and Ethnic Issues: Public Policy in Canada and the United States, editor, Barry Chiswick, Washington, D.C., American Enterprise Institute, 1992

Are Sanctions Worth It?: Effectiveness Versus Human and Economic Costs of the Immigration Reform and Control Act of 1986, U.S. Commission on Civil Rights, July 1991

The Immigration Reform and Control Act: Assessing the Evaluation Process, with Jeffrey O'Connell, U.S. Commission on Civil Rights, July 1989

The Reserve Components Common Personnel Data System : Strengths and Weaknesses as a Source of Data for Navy Personnel, Center for Naval Analyses, June 1987

The SELRES Force Structure Model: Sensitivity Analyses, with James Grogan, Center for Naval Analyses, September 1986

Manpower Cost and Attainability in the Navy's Selected Reserve: The SELRES Force Structure Model, Center for Naval Analyses Research Contribution, May 1986

Steady-State Cost Differences for Alternative Selected Reserve Pay Grade Mixes, Center for Naval Analyses, January 1986

A Comparison of Estimators for Continuation Rates of Enlisted Personnel in The Naval Selected Reserve, Center for Naval Analyses, March 1985

Stock Price Volatility and Efficient Markets, Journal of the New York State Economics Association, Vol. XIII, 1983

SHORTER PUBLISHED WORKS:

Impact of Skilled Migration on Receiving Countries, Scidev.net Policy Brief, May 2003

Has the Use of Postdocs Changed?, National Science Foundation, NSF 99-310, December 1998

What Follows the Postdoc Experience: Employment Patterns of 1993 Postdocs in 1995, National Science Foundation, NSF 99-307, November 1998

What is Happening in the Labor Market for Recent Science and Engineering Ph.D. Recipients?, National Science Foundation, NSF 97-321, September 1997

Review of *Soothing the Establishment: The Impact of Foreign-Born Scientists and Engineers on America*, by David North, International Migration Review, Vol. 30, #4, Winter 1996

More Than 10.3 Million U.S. Residents Have Science or Engineering Degrees, National Science Foundation, NSF 95-340, November 1995

Immigrants Are 23 Percent of U.S. Residents With S&E Doctorates, National Science Foundation, NSF 95-339, November 1995

Nonacademic S&Es: Trends from the 1980 and 1990 Censuses, National Science Foundation, NSF 95-306, March 1995

CITATION COUNTS (1/25/2013):

Social Science Citation Index: Core Journals: 149 All SSCI cites: 249

Google Scholar: 1049 H-index:12 G-index: 32

DISCUSSION PAPERS:

"The Elusive Concept of Immigrant Quality: Evidence from 1970-1990" with Harriet Duleep, IZA Discussion Paper, 2002

"Research Issues in High-Skilled International Migration", IZA Discussion Paper, 2001

"Are Lower Immigrant Earnings at Entry Associated with Faster Growth? A Review," with Harriet Duleep, Program for Research on Immigration Policy, Discussion Paper PRIP-UI-44, Washington, D.C.: The Urban Institute, 1997

"Are Lower Immigrant Earnings at Entry Associated with Faster Growth? A Review," with Harriet Duleep, Program for Research on Immigration Policy, Discussion Paper PRIP-UI-44, Washington, D.C.: The Urban Institute, 1997

"The Elusive Concept of Immigrant Quality: Evidence from 1970-1990," with Harriet Duleep, Program for Research on Immigration Policy, Discussion Paper PRIP-UI-41, Washington, D.C.: The Urban Institute, 1996

"Civil Rights for the Underclass: How Lower Income Blacks and Hispanics Fared in the 1960s," with Harriet Duleep, Population Studies Center, Discussion Paper UI-PSC-16, Washington, D.C.: The Urban Institute, 1994.

"Country of Origin and Immigrant Earnings," with Harriet Duleep, Program for Research on Immigration Policy, Discussion Paper PRIP-UI-31, Washington, DC: The Urban Institute, 1994.

"The Elusive Concept of Immigrant Quality," with Harriet Duleep, Program for Research on Immigration Policy, Discussion Paper PRIP-UI-28, Washington, DC: The Urban Institute, 1994.

OTHER RESEARCH CONTRIBUTIONS:

I contributed to the following reports:

Research Universities and the Future of America: Ten Breakthrough Actions Vital to Our Nation's Prosperity and Security, National Research Council, June 2012

Science and Engineering Indicators: 2012, National Science Board, January 2012

A Data-Based Assessment of Research-Doctorate Programs in the United States, National Research Council, April 2011

The Science and Engineering Workforce: Realizing America's Potential, National Science Board, 2003

Immigrant Scientists and Engineers: 1990, National Science Foundation, 1993

Prospects and Impact of Losing State and Local Agencies from the Federal Fair Housing System, U.S. Commission on Civil Rights, August 1992

Civil Rights Issues Facing Asian Americans in the 1990's, U.S. Commission on Civil Rights, February 1992

The Economic Status of Black Women, U.S. Commission on Civil Rights, October 1990

Report and Recommendations of the Task Force on IRCA-Related Discrimination, Task Force on IRCA-Related Discrimination, published by U.S. Department of Justice, September 1990

SELECTED PRESENTATIONS AND TESTIMONY:

Skilled Migrants in a (Human) Networked World: Beyond Brain Drain and Neuro-mercantilism, Research Trends Seminar: Research Mobility & Brain Circulation: Scientific and Economic Impacts, Washington DC, October 2012

Some ways we cannot measure our need for science and engineering skills and some ways we can. Roundtable on Dynamics of the S&E Labor Market and Migration Management, Institute for the Study of International Migration & the UC Comparative Immigration and Integration Program, July 2012

Do we need more STEM graduates? President's Council of Advisors on Science and Technology, January 2011

Globalization of Research and Higher Education: Some Notes, National Research Council Board on Higher Education and Workforce, March 2010

Structuring a Commission: Some thought on things that could go wrong, Conference on Labor Shortages and Comprehensive Immigration Reform, Employment Policy Institute and Migration Policy Institute, May 2009

Characteristics and transitions of high-skilled workers with temporary work visas, American Enterprise Institute Conference on High-Skilled Immigration in a Globalized Labor Market, April 2009

Some observations on family-based immigration, Roundtable sponsored by Center for American Progress, the Immigration Policy Center, and the Asian American Justice Center, January 2009

What do people do with science and engineering master's degrees?, Council of Graduate Schools Annual Meeting, December 2008

Data and perspective on science and engineering labor force conditions, National Academies, Joint meeting of Committee on Underrepresented Groups and the Expansion of the S&E Workforce Pipeline and Committee on Capitalizing on the Diversity of the S&E Workforce in Industry, June 2008

Some thoughts on the global S&T labor market, National Academies Committee on Science, Engineering, and Public Policy, May 2008

Effects of high-skilled migration on native human capital investment, Fifth Annual IZA Migration Meeting, Bonn, May 2008

The complex national effects of high-skilled migration, Council for Foreign Relations, New York, February 2007

Brain Circulation: The Complex National Effects of High-Skilled Migration, American Association for the Advancement of Science, San Francisco, February 2007

Science and Engineering Doctorate Career Paths in the United States, OECD-Spanish Ministry of Education Conference, Madrid, April 2006

Immigrant Initial Earnings and Growth, Senate Judiciary Committee Staff Seminar, December 2005

Some Aspects of the Global Science and Engineering Labor Market, Council on Foreign Relations, New York, October 2005

Foreign Students in the United States, European Dialogue Meeting on Migration Governance, Brussels, June 2005

High Skilled International Migration: Research Issues, IZA/Urban Institute Workshop on Migration, May 2004

Transferability of Foreign University Degrees to the US Labor Market, Southern Economic Association, November 2003

Some Indicators of the Science and Engineering Labor Force, National Academy of Sciences, Committee on Science, Engineering, and Public Policy, May 2003

Internationalization of Science: An Overview, NBER Conference on the Internationalization of Science and Engineering, May 2003

High-skilled Migration: A U.S. Perspective, EU Benchmarking Workshop on Human Resources in RTD, Leipzig, October 2002

Who Does R&D?, Society of Government Economists at ASSA, New Orleans, January 2001

Research Issues in High Skilled Migration, Institute for the Study of Labor (IZA), Bonn, Germany, July 2000

Policy Issues and Research in High Skilled Migration, OECD Focus Group on High Skill Mobility, Rome, June 2000

U.S. Data Sources on High Skilled Migration, OECD Focus Group on High Skill Mobility, Budapest, April 2000

Panel Discussion on Pathways From Temporary Visas to Green Cards, National Academy Panel on the Information Technology Workforce. (with S. Smith of DOL), February 2000

The Value of Foreign Science and Engineering Degrees in the United States, American Association for Public Policy and Management Annual Meeting, November 1999

SRS Data Relevant to Studies of the IT Workforce, National Academy of Sciences Panel on the Information Technology Workforce. July 1999

Foreign Science and Technology Personnel in the United States, OECD Working Group on Innovation and Technology Policy, Paris, May 1999

Immigrants and Human Capital Investment, with H. Duleep, American Economic Association, January 1999.

The Civil Rights Act and Hispanic Economic Status, with H. Duleep, Population Association of America, 1998.

What Do People Do With Chemistry Degrees?, American Chemical Society Annual Meeting, Boston, 1998

Are Lower Immigrant Earnings at Entry Associated with Faster Growth?: A Review, with H. Duleep, Society of Labor Economists, 1997.

Rates of Return to Foreign and U.S. Higher Education, Population Association of America, 1997.

Immigrant Earnings Growth Revisited, with H. Duleep, American Economic Association, 1997.

Measuring Immigrant Wage Growth Using Matched CPS Files" with H. Duleep, Population Association of America, 1996.

Earning Convergence: Does it Matter Where Immigrants Come From or Why?, with H. Duleep, Population Association of America, April 1995

Immigrant Earning Profiles and Admissions on the Basis of Family versus Occupational Skills, with Harriet Duleep, Population Association of America, April 1994

January 1994, North American Economic and Finance Association/Allied Social Science Associations, Immigrant Earning Profiles and Admissions on the Basis of Family versus Occupational Skills, with Harriet Duleep

April 1993, Middlebury College Conference on Immigration and Immigration Policy, Country of Origin and Immigrant Earnings, with Harriet Duleep

April 1992, Population Association of America, Civil Rights for the Underclass: How Lower Income Blacks and Hispanics Fared in the 1960's, with Harriet Duleep

January 1992, American Economics Association, The Elusive Concept of Immigrant Quality: A Reexamination of the Borjas/Chiswick Debate, with Harriet Duleep

December 1990, American Economic Association, The Relative Earnings of Black and Hispanic Men: Evidence from Longitudinal Data for the 1960's, with Harriet Duleep

November 1990, Southern Economic Association, Military Reserves as Compensated Leisure: A Peculiar Case of Labor Supply

July 1990, Western Economic Association, Military Reserves as Compensated Leisure: A Peculiar Case of Labor Supply

May 1990, Conference on Immigration, Language, and Ethnic Issues: Public Policy in the United States and Canada, Donner Foundation and American Enterprise Institute, Some Evidence on the Effect of Admission Criteria on Immigrant Assimilation: The Earning Profiles of Asian Immigrants in Canada and the U.S., with Harriet Duleep

OTHER PROFESSIONAL ACTIVITIES:

Reviewer for: Science, Demography, Journal of Human Resources, Journal of Population Economics, Social Science Quarterly, International Migration Review, Quarterly Journal of Business and Economics, R&D Policy, Social Forces, and the NSF's Division for Social, Behavioral, and Economic Research.

Labor Markets Advisory Committee, Migration Policy Institute, 2008-present

Research Fellow, Institute for the Study of Labor (IZA-Bonn), 2000-present

Interagency Taskforce on Immigration Research and Statistics, 1992-present (for both NSF and the U.S. Commission on Civil Rights)

National Science and Technology Council working groups on Human Capacity in STEM, and on Education and Workforce Development (2003-2007)

Advisor to Alfred P. Sloan Foundation Workshops on Immigration of Scientists and Engineers, 1993-1994

Testimony to Commission on Immigration Reform, February 1995

1998 Nominations Committee, American Sociological Association Section on International Migration

1999 Znaniecki Award Committee, American Sociological Association

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