

Master of Science Program in Applied Economics
1102 Morrill Hall, University of Maryland
College Park, MD 20742
spayson@umd.edu

EDUCATION

- 5/91 Ph.D., Economics, Specialization in Econometrics and the Economics of Development and Technological Change, Columbia University, NY, NY
- 6/82 M.Sc., Economics, London School of Economics and, Political Science, UK
- 5/79 B.A., Mathematics and Bio-Psychology, Wesleyan University, Middletown, CT

TEACHING EXPERIENCE

- 1/20-Present Economic Development (graduate course), University of Maryland Master's Program in Applied Economics, College Park, MD
- 10/19-Present Principles of Economics II - Microeconomics, Montgomery College, Takoma Park, MD
- 2/10-3/11 Economics of the National Income and Product Accounts (two in-house training classes), Bureau of Economic Analysis, Washington, DC
- 1/03-5/07 Economics of Technology, Innovation, and Growth (three classes) Georgetown University, School of Foreign Service, Washington, DC
- 1/97-12/01 Macroeconomic Principles, Marymount University, Arlington, VA (five classes)
- 6/01-8/01 Microeconomic Principles, Marymount University, Arlington, VA
- 8/00-12/00 Economics of Technology (graduate course), Virginia Tech (Northern Virginia Campus), Falls Church, VA
- 9/94-12/94 Price Theory, American University, Washington, DC
- 6/94-7/94 Macroeconomic Principles, Trinity University, Washington, DC
- 9/87-12/87 Economic Principles Lab, Columbia University, New York, NY
- 6/87-7/87 Economic Development & Growth, Columbia University, New York, NY

OTHER WORK EXPERIENCE

- 1/21 – Present Chief Economist, Immigration and Customs Enforcement**
Office of Policy and Planning, Department of Homeland Security
500 12th Street, SW, Washington, DC 20536

Responsible for managing a group of economists to perform economic analyses in support of new and revised regulations involving immigration and customs enforcement. The regulatory changes to be analyzed arise from new initiatives by the Biden Administration to improve U.S. immigration and customs policies, by aggressively addressing and correcting the problems of the past.

7/18 – 1/21 **Economist, Office of Indian Energy and Economic Development**
Office of the Assistant Secretary for Indian Affairs, U.S. Department of the Interior,
12220 Sunrise Valley Dr., Reston, VA 20191

Most senior economist in the Bureau of Indian Affairs. A key responsibility of the agency is to support economic growth and well-being in 574 tribal nations, with over 2 million people living in tribal areas.

Prepared, for the Office of the Assistant Secretary, a detailed empirical analysis of the effects of the Indian Affairs' budget on the economic well-being of Indian Country.

Measured and analyzed incidences of poverty and unemployment among the tribal nations.

Performed analyses and wrote the following reports for the Office of the Assistant Secretary:

“Housing Affordability and Home Ownership in Indian Country”

“Alternative Measures of Indian Country: Understanding Their Implications for Economic, Statistical, and Policy Analysis”

“Food Production in Tribal Economies: Before, During, and After the COVID-19 Pandemic”

“COVID-19 Caused Much Higher Unemployment for American Indians and Alaska Natives in April 2020: An Estimated 25 Percent Versus 14 Percent for the United States Overall”

Author of new studies, reports, primers, etc., prepared by the Division of Economic Development to advance economic development in Indian Country.

Prepared, and presented at a conference, a research paper on “The Economic Effects of Infrastructure Development in American Indian Tribal Areas with Low Income and High Unemployment.” It was published in 2019 in the *American Journal of Economics and Business Administration*.

Wrote a weekly column in the Office Newsletter, entitled: “Achieving Accuracy, Transparency, and Scientific Integrity in the Analysis of Economic Data” (Wrote 39 articles in FY 2019).

9/19 – 3/20 **Risk Management Analyst, and President’s Management Council Fellow**
Small Business Administration (SBA), 409 3rd St., SW, Washington, DC 20416

Served in a training rotation as a Fellow in the President’s Management Council, Interagency Rotation Program, with the position of Risk Management Analyst. This program requires participants to “develop experience associated with a federal credit program, private capital markets, and the private equity industry, and become knowledgeable about practices that will benefit any federal professional agency.”

7/17 – 7/18 **Economist, Office of the Assistant Secretary – Indian Affairs**
U.S. Department of the Interior (DOI)

Lead author of the internal economic report, “Economic Analysis of Infrastructure Investments in Indian Country” (with Deputy Assistant Secretary Gavin Clarkson and DOI Chief Economist Benjamin Simon).

Lead author of an internal economic report, “How Indian Country Should Benefit More from New Market Tax Credits (with Deputy Assistant Secretary Gavin Clarkson and two others).

Economic adviser to the Acting Assistant Secretary for Indian Affairs, on matters such as the agency's interactions with the Director of the Census Bureau regarding the Census Bureau's plans for population counts in tribal areas in the 2020 decennial census.

Prepared two internal, economic reports to the Acting Assistant Secretary: one on self-governance compacts and self-determination contracts, and the other on the Navajo Generating Station.

In collaboration with the Director of the University of California-Berkeley, Institute for the Study of Societal Issues (Dr. Martin Sanchez-Jankowski), designed a new course on "Development Economics for Indian Country" (<https://tinyurl.com/ybsf9v9g>) to be taught at tribal colleges.

**2/15 – 7/17 Economist (GS-15), Office of Offshore Regulatory Programs (ORP)
Bureau of Safety and Environmental Enforcement (BSEE)
U.S. Department of the Interior**

Led other economists (who are contractors hired by the agency) to produce economic statistics on the offshore oil industry and related industries, and to perform economic analyses, based on these statistics, on the benefits and costs of agency-established regulations.

Author of the internal agency report, "Standard Operating Procedures for Economic Regulatory Analysis at the Bureau of Safety and Environmental Enforcement (BSEE)."

Served as lead author of economic regulatory impact analyses in support of regulations, developed by the agency, on offshore oil and gas operations.

Performed research on the economic effects of offshore regulations, such as employment effects, and presenting my findings in conference papers.

**7/11 – 2/15 Economist (GS-15), Office of the Assistant Secretary – Indian Affairs
Department of the Interior, 1849 C St., NW, Washington, DC 20240**

Briefed staffers in the Senate Committee on Indian Affairs on population and employment statistics for the Indian reservations.

Delivered presentations to tribal organizations in Washington, DC and throughout the country (e.g., Alaska, Arizona, California, Minnesota, Montana, Oklahoma, and South Dakota).

Responsible for the biennial report by the Secretary of the Department of the Interior to Congress: *American Indian Population and Labor Force Report*.

Co-chaired Interagency Working Group for the Development of Economic Statistics on Indian Country. Collaborated with the Office of Management and Budget (OMB) in analyzing the performance of schools on Indian reservations that are supported by the Department of the Interior.

Performed cost-benefit analyses of regulations that impact American Indians.

Organized economic conference sessions on "Indian Country Economics," including sessions at the Annual Meetings of the American Economic Association.

1/03-7/11 Supervisory Economist, Government Division, Bureau of Economic Analysis
1441 L St., NW, Washington, DC 20230 (address has since changed)

As Chief of the Special Studies Branch, managed approximately nine individuals each year, which included senior economists, economists, a computer specialist, and interns. The branch performed research on the Biomedical R&D Price Index and Government Finance Statistics, and on various National income and product account (NIPA) estimates on government activities.

Taught an in-house training course to BEA staff (class size about 25) on the Economics of the National Income and Product Accounts.

Coauthor of article in BEA's journal, *Survey of Current Business* on methodological and statistical revisions in BEA's estimation of the National Economic Accounts.

From 9/2007 to 6/2008: One of 16 individuals appointed by Commerce Secretary Gutierrez to the Department's Commerce, Science and Technology Fellowship (ComSci) Program. Assigned to work full time, from 9/20/07 to 6/25/08, in the NIH, Office of the Director, to perform research, and prepare a presentation on, trends in health-related R&D.

7/01-1/03 Economist, Economic/Statistical Support (ESS),
Packers & Stockyards Programs (P&SP)/GIPSA/ US Dept. of Agriculture
14th & Independence Ave., S.W., Washington, DC 20250-3647

Coordinated a cooperative agreement program for graduate-level, economic research. Reviewed papers on regulatory issues, as input for policy decisions, and coauthored the 2002 report to Congress: *Assessment Report of Cattle and Hog Industries*. Represented the Grain Inspection, Packers and Stockyards Administration on two interagency teams (for research and statistical information) to establish quality-of-information guidelines.

10/94-7/01 Science Resources Analyst / Senior Economist
Science Resources Statistics Division, National Science Foundation
4201 Wilson Blvd., Arlington, VA 22203 (address has since changed)

Responsible for periodic monograph, *National Patterns of R&D Resources*, a primary source of analysis of U.S. R&D expenditures. Developed the statistical and econometric methodologies for these estimates. Provided economic advice to policy analysts, such as a briefing memorandum to the National Science Board on "Economic Concepts that Underlie the Estimation of the Returns to R&D." Peer reviewed reports that involved economic arguments, and served as a principle reviewer of the report, *Women, Minorities, and Persons with Disabilities in Science and Engineering*.

1/92-10/94 Agricultural Economist, Economic Research Service, USDA

Performed economic research on quality measurement, food safety, and technological change. Examples include a study of the effects of media coverage of food safety on patterns of food consumption, and a study of consumers' willingness to pay for organic produce based on a survey that I designed and implemented. I also managed and advised two summer interns.

11/87-11/91 Research Associate, Inter-American Development Bank (IDB)
1300 New York Ave., N.W., Washington, DC 20005

Conducted economic research, reviewed papers, prepared reports, and presented conference papers. My research was on innovation and technological development in Latin America. I performed this work while completing my dissertation in economics at Columbia University.

6/79-7/81 Economic Consultant / Associate, ICF Consulting Inc.,
11/82-7/84 1725 I St., NW, Washington, DC 20006

Analyzed government regulations of the EPA, the Occupational Safety and Health Administration (OSHA), and other agencies. Also supervised several research assistants.

PUBLICATIONS

BOOKS

S. Payson, *The Downsizing of Economics Professors: How It Will Happen and Why It Will Succeed* (Lanham, MD: Rowman and Littlefield, 2017) (182 pages).

S. Payson, *How Economics Professors Can Stop Failing Us: The Discipline at a Crossroads* (Lanham, MD: Rowman and Littlefield, 2017) (373 pages).

S. Payson, editor, *Public Economics in the United States: How the Federal Government Analyzes and Influences the Economy* (Santa Barbara, CA: ABC-CLIO, 2014) (1,134 pages). (Three-volume set containing 44 chapters and three introductions by 61 authors, covering the full range of economic topics addressed by government agencies.)

S. Payson, *Economics, Science and Technology* (Hants, U.K.: Edward Elgar, 2000), (275 pages).

S. Payson, *Quality Measurement in Economics: New Perspectives on the Evolution of Goods and Services* (Hants, U.K.: Edward Elgar, 1994), (250 pages).

CHAPTERS

S. Payson and D. Bachman, "Monetary Policy," in S. Payson, editor, *Public Economics in the United States* (Santa Barbara, CA: ABC-CLIO, 2014).

S. Payson, "Economics of Technological Innovation," in Hossein Bidgoli, editor, *The Handbook of Technology Management*, (John Wiley and Sons, Inc., January 2010).

J. Jankowski, F. Moris, and S. Payson, "U.S. and International Research and Development: Funds and Alliances," in *Science and Engineering Indicators – 2002*, January 2002.

S. Payson, "Economic and Social Significance of Scientific and Engineering Research," Chapter 8 in NSF, *Science and Engineering Indicators — 1996*, 1996, 8-1 — 8-13.

ARTICLES

- S. Payson, "Redirecting Academic Economics to Embrace Scientific Integrity and Advance Useful Knowledge," *The ECCSSA Journal*, January 2021.
- S. Payson, "The Economic Effects of Infrastructure Development in American Indian Tribal Areas with Low Income and High Unemployment," *American Journal of Economics and Business Administration*, November 2109, 2019, Volume 11: 61.77.
- S. Payson, "The Urgent Need for an Economics of 'Hategoatism'," GLO Discussion Paper Series 365, Global Labor Organization (GLO), 2019.
- S. Payson, "Cite This Economics Paper! It Is Time for the House of Cards to Fall Down," *Open Economics*, 2019, <https://doi.org/10.1515/openec-2019-0001>.
- S. Payson and B. Sloboda, "Employment Effects of Offshore Oil and Gas Regulations," Global Labor Organization, GLO Discussion Paper, No. 348, 2019.
- C. McCully and S. Payson, "Preview of the 2009 Comprehensive Revision of the National Income and Product Accounts: Statistical Changes," *Survey of Current Business*, May 2009, pp. 6-16.
- S. Payson, Book Review of Gordon Bjork, *The Way It Worked and Why It Won't: Structural Change and the Slowdown of U.S. Economic Growth*, for *Eastern Economic J.*, Fall 2001.
- S. Payson, Book Review of Judea Pearl, *Causality: Models, Reasoning, and Inference*, for *Technological Forecasting and Social Change*, Vol. 68, No. 1, September 2001.
- S. Payson, "Quality Improvement Versus Cost Reduction: A Broader Perspective on Evolutionary Economic Change," *Technology Analysis & Strategic Management*, Vol. 10, No. 1, 1998, 69-88.
- S. Payson, Book Review of Asad Zaman, *Statistical Foundations for Econometric Techniques*, for the *Journal of Official Statistics*, December 1997, 443-46.
- S. Payson, "The Difficulty of Measuring Capital, Revisited; Does *Science* Offer an Alternative," *Technological Forecasting and Social Change*, 1997, Vol. 56, No. 2, 1-24.
- S. Payson, "Product Evolution and the Classification of Business Interest in Scientific Advances," *Knowledge and Policy*, Winter 1996-97, Vol. 9, No. 4, 3-26.
- S. Payson, "Regardless of Philosophy, Economics Will Not Be a Science Until It Is Based on Science," *Journal of Post Keynesian Economics*, Winter 1996-97, Vol. 19, No. 2, 257-74.
- B. Lin, S. Payson, and J. Wertz, "Opinions of Professional Buyers towards Organic Produce," *Agribusiness*, Vol. 12, No. 1, 1996, 89-97.
- S. Payson, "Product Evolution: What It Is and How It Can be Measured," *Eastern Economic Journal*, Vol. 21, No. 2, 1995, 247-262.

S. Payson, *Using Historical Information to Assess Consumer Concerns About Food Safety*, Technical Bulletin, Economic Research Service, USDA, 1994.

S. Payson, B. Lin, and J. Wertz, "Some Barriers to Organic Produce at the Wholesale Level," *Food Review*, May-August 1994, 23-26.

SELECTED GOVERNMENT REPORTS

With Coauthors from ICF Incorporated, "Oil and Gas and Sulphur Operations in the Outer Continental Shelf – Blowout Preventer Systems and Well Control: Regulatory Impact Analysis; RIN: 1014-AA11, April 2016," <http://tinyurl.com/hvatv4y>

S. Payson, *American Indian Population and Labor Force Report 2013*, Department of the Interior, January 16, 2014. <http://tinyurl.com/n5dxl59>.

S. Payson, *National Patterns of R&D Resources: 1998*, NSF 99-335, 1999. <http://www.nsf.gov/statistics/nsf99335/>

S. Payson and J. Jankowski, *National Patterns of R&D Resources: 1996*, NSF 96-333, 1996. <http://www.nsf.gov/statistics/nsf96333/htmstart.htm>

LEADERSHIP POSITIONS

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| 6/18 – Present | Reviewer/Referee for the Journals: <i>Energy Policy</i> , <i>Open Economics</i> , and <i>The Independent Review</i> . |
| 11/06-12/17 | Executive Director, Association for Integrity and Responsible Leadership in Economics and Associated Professions (AIRLEAP®). |
| 7/08-12/15 | Board Member, Executive Secretary, Conference Organizer, and Vice President, Society of Government Economists (SGE) |
| 7/09-7/10 | President, Society of Government Economists |
| 9/08-9/10 | Member, Interagency Task Group on Science of Science Policy, and Reviewer of Research Grant Proposals, submitted to the National Science Foundation's Program on the "Science of Science and Innovation Policy." |
| 5/10-9/10 | One of Nine Members of the Scientific Committee of the Interagency Task Group for the Science of Science Policy, responsible for peer reviewing and selecting papers for publication and presentation at organized workshops. |
| 1997-04 | Advisory Board Member for international journal, <i>Technological Forecasting and Social Change</i> , for which I peer-reviewed about four papers per year. |

SPECIAL AWARDS

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| 2016 | BSEE, Director's Gold Award (highest award offered in the agency) as a member of the Regulations Development Team for work in preparing and analyzing regulations. |
| 2009 | BEA, Bronze Medal Award |