MICHAEL W. HORRIGAN

EDUCATION: Ph.D. Purdue University, December 1980 (Economics)

M.S. Purdue University, May 1978 (Economics)

B.A. College of the Holy Cross, May 1976 (Mathematics) High School Diploma, Northampton, MA, June 1972

EMPLOYMENT:

President, W.E. Upjohn Institute for Employment Research (March 2019 to present). The Institute, headquartered in Kalamazoo, MI, is a private, not-for-profit, nonpartisan, independent organization founded in 1945. The Institute conducts high-quality research on labor markets, focusing on the causes of unemployment, the effectiveness of social safety net programs, the impact of education and training on workers' employability and earnings, the influence of state and local economic development policies, and the analysis of regional economic conditions. The Institute also administers federal- and state-funded employment and training programs for employment and training programs for disadvantaged and dislocated workers in Southwest Michigan.

Associate Commissioner, Office of Employment and Unemployment Statistics (August 2014–March 2019). As Associate Commissioner I oversaw ten programs that produce and disseminate the Nation's key indicators of employment and unemployment as well as a research office that conducts analysis on labor market measurement issues.

With an annual budget of over \$200 million and a staff of over 300 national office employees, I led an office that produces and disseminates two Principal Federal Economic Indicators, the monthly civilian unemployment rate and the monthly change in the number of payroll jobs in the U.S. economy. This office also produces data on job turnover, data on establishment births, growth, and deaths, State and area employment and unemployment indicators, local area unemployment statistics, occupational employment and wage statistics, projections of occupational employment, longitudinal information on careers and the lives of two cohorts of Americans, and a survey of how Americans use their time.

I also co-chaired the BLS Labor Market Information Oversight Council (BLOC), a governance body that oversees the BLS Federal-state cooperative programs (Quarterly Census of Employment and Wages, Current Employment Statistics – State and area, Occupational Employment Statistics, and Local Area Unemployment Statistics). This group includes state Labor Market Information (LMI) Directors and OEUS Assistant Commissioners who oversee these Federal-state cooperative programs.

Associate Commissioner, Office of Prices and Living Conditions (March 2007–August 2014) As Associate Commissioner I oversaw the four programs that produce and disseminate the Nation's key indicators of price inflation and consumer expenditures as well as have responsibility for a program that conducts leading edge research on the measurement of price changes.

With an annual budget of over \$200 million and a staff of over 700 national office employees and 450 field data collectors, I led an office that produces and disseminates price indexes from the Consumer Price Index (CPI) Program, the Producer Prices Index (PPI) Program, the International Price Program (IPP), and the Consumer Expenditure (CE) Survey.

Assistant Commissioner, Division of Industrial Prices and Producer Price Indexes (October 2004–March 2007)

As Assistant Commissioner I was responsible for the monthly release of the Producer Price Index (PPI) data, which are classified as sensitive Federal Economic indicators. Nearly 100,000 price quotations are collected each month to construct the various commodity, industry, and stage-of-processing Producer Price Indexes. The PPI program introduces new or resampled industries on a semi-annual basis, many of which are detailed service-providing industries that have not been previously collected in the PPI program.

Assistant Commissioner, Office of Occupational Statistics and Employment Projection (October 2001 – September 2004)

As Assistant Commissioner in the Office of Occupational Statistics and Employment Projections at the Bureau of Labor Statistics (BLS), I oversaw two major BLS survey programs: The Occupational Employment Statistics (OES) Survey and the Employment Projections Program. The office conducts the biannual OES Survey, which produces detailed occupational employment and wage information by industry for the nation, by State and Metropolitan Statistical area. The BLS employment projections program releases long-term (ten-year) projections of industry and occupational employment, which are updated and released every two years.

Director, National Longitudinal Surveys Program (October 1, 1996 – September 2001)

As Director of the Bureau's Longitudinal Surveys, my duties involved overseeing a survey program that consists of longitudinal surveys of several cohort groups. Longitudinal data are collected for each group on an annual or biennial basis on a variety of economic and social indicators. During my tenure, the cohort groups included a cohort of young and mature women, a youth cohort begun in 1979, the children born to mothers in this group, and the fielding of a new youth cohort ages 12-16 as of December 31, 1996. These data provide invaluable information on a wide variety of topics including labor force participation decisions over time, earnings trends, household formation, and pension coverage to name just a few. These data are used extensively by academics and policymakers to address questions that cannot be examined using only cross-sectional data.

Chief, Division of Special Studies, Office of Publications and Special Studies, (July 1991 - September 1996)

As the head of the Division of Special Studies, my duties were split between two primary functions. The first involved serving as program manager for two surveys of employer-provided training. This function required overseeing all aspects of the survey operation including management of a multi-year multi-million-dollar budget, overall survey development and design, statistical sampling design, computer systems development, data collection procedures, preparation of background analytical papers, and final data analysis. This work included publication of three press releases; one on the results of the 1993 Survey of Employer Provided Training, a second on the employer portion of the 1995 Survey of Employer-Provided Training, and a third press release on the findings from our matched worker/firm personal visit survey of employees measuring the intensity and costs of formal and informal training.

The second function as Division Chief involved the managing of a series of Special Studies that are conducted on a variety of labor-market issues. These projects were designed to bring together analysts who are experts on the various data sets used by BLS. Since these data sets

often reside in different program offices within our bureaucratic structure, our Division was able to examine broad and important labor market issues that go beyond the specific interests of each program office. In particular, I served as co-chair of two chapters in the 1994 and 1995 Reports on the American Workforce. These chapters focused on issues of earnings and income inequality, respectively. Examples of topics we investigated include: examination of trends in family income, trends in the inequality of wages and salaries, estimating the increase in demand for higher skilled workers during the 1980s; earnings mobility across the distribution of earnings; and recent trends in the quality of workers and jobs.

Senior Labor Economist, Council of Economic Advisers, (July 1990 - July 1991)

Staff positions on the Council are generally for one year, during which time staff members are given chief responsibility for a number of specific areas. The three most prominent during my year were working with Chairman Boskin on the President's Initiative to improve the Quality of Economic Statistics, serving on interagency working groups analyzing the economic impact of protecting the spotted owl, and working on the Immigration Act of 1990 and other related issues. Other areas of responsibility included collective bargaining disputes such as in the automobile and railroad industries, analyzing the labor market impacts of the Mexican Free-Trade agreement, tracking developments in the Unemployment Insurance System, pensions, and the provision of family leave benefits. Other duties included writing portions of the Economic Report of the President, preparing testimony for congressional hearings, and drafting statements of Administration policy on pending legislation.

Senior Staff Economist, Secretary of Labor's Commission on Workforce Quality and Labor Market Efficiency (August 1988 - May 1989)

Working 60 percent of my time on the Commission, my principal duties included writing two articles for the Commission, supervising authors of six papers contracted by the Commission, developing a set of policy recommendations on both the Unemployment Insurance System and on the funding of data needs for labor market analysis, and serving as an active participant in the debate over the policy recommendations adopted by the Commission.

Labor Economist, Bureau of Labor Statistics (July 1986- July 1990)

Chief duties involved the development and write up of research projects for publication in the Monthly Labor Review as well as other professional journal publications. Other duties include working on various committee assignments, which included reviewing academic research funding proposals, examining the possible development of longitudinal data from the Current Population Survey, and assisting with the conceptual design of a job vacancy survey.

Adjunct Professor of Economics, Georgetown University Graduate School of Public Policy (September 1993 – present) and Johns Hopkins School of Advanced Academic Programs (2012 – present)

Teaching duties typically include a three-hour teaching load each semester, including courses in Macroeconomics, Tools of Policy analysis, and a course on Survey Research Methods.

Assistant Professor of Economics, Williams College (August 1980 - June 1986)

Teaching duties included a fifteen-hour teaching load over a two semester academic year. While at Williams I taught, among others, courses in Intermediate Macroeconomic theory, the Quantitative Economics Sequence, Senior Level Research seminars on labor theory and

experimental economics and a course I designed on the development of modern Macroeconomic thought.

Academic duties also included serving as Director of the Department Honors Program, faculty advisor of three year-long thesis projects and Director of Graduate Studies at the Center for Development Economics.

OTHER PROFESSIONAL EXPERIENCE

In the past several years these activities have included serving as the U.S. representative to the United National Economic Commission for Europe (UNECE) led working group on measuring the quality of employment; serving as an expert on the OECD team charged with redesign of the employer training portion of the International Assessment of Adult Competencies (PIACC); chairing an UNECE sponsored international meeting of experts on consumer prices; serving as a member of the Board of Directors for the National Association for Business Economics; leading the BLS planning, design and implementation of a new survey of how Americans spend their time, serving as a member of an interagency group developing the Economic Product Classification System; serving as the U.S. representative on a team of technical advisors to the OECD study on training statistics; advisor to the Department of Agriculture review of the quality and direction of their statistical programs; making numerous presentations every year to professional groups on trends in labor force participation rates, occupational projections, earnings trends, and worker shortages, among others.

AWARDS:

Recipient, Phillip Arnow Award for outstanding career service, 2019.

Recipient, Presidential Rank Award – Meritorious Rank, 2012.

Recipient, Lawrence R. Klein Award, for best article appearing in the Monthly Labor Review during 1988.

Recipient, Lawrence R. Klein Award, for best article appearing in the Monthly Labor Review during 1987.

<u>Recipient</u> of an Outstanding Teaching Award (1976-77), Krannert Graduate School of Management.

ARTICLES AND PAPERS:

"What the Emerging Economic Data is Telling Us About Jobs and the Eventual Recovery in States," Q&A with the Pew Charitable Trusts, June 3, 2020.

"More than 1 in 5 Michigan workers on unemployment; in manufacturing it's 2 in 5," with Jim Robey, Katie Bolter, and Gerrit Anderson, <u>Research Highlights</u>, W.E. Upjohn Institute for Employment Research, June 3, 2020.

"ForeWARNing? Michigan's Announced Layoffs Under the Warn Act," with Katie Bolter, Gerrit Anderson, Laura Pyle and Jim Robey, <u>Research Highlights</u>, W.E. Upjohn Institute for Employment Research, May 14, 2020.

- "Initial unemployment claims decline substantially nationally and in Michigan," with Jim Robey, Katie Bolter and Gerrit Anderson, <u>Research Highlights</u>, W.E. Upjohn Institute for Employment Research, May 11, 2020.
- "Initial unemployment claims slowed nationally and in Michigan but remain near record levels," with Jim Robey, Katie Bolter and Gerrit Anderson, <u>Research Highlights</u>, W.E. Upjohn Institute for Employment Research, April 30, 2020.
- "What Will the Unemployment Rate Be in the Next Jobs Report," <u>Research Highlights</u>, W.E. Upjohn Institute for Employment Research, April 29, 2020.
- "Half of Michigan's construction workers have filed for unemployment insurance since March 15," with Jim Robey, Katie Bolter and Gerrit Anderson, Research Highlights, W.E. Upjohn Institute for Employment Research, April 24, 2020.
- "Unemployment Claims by Occupation: What We Can Learn from Minnesota," with Brad Hershbein, Research Highlights, W.E. Upjohn Institute for Employment Research, April 22, 2020.
- "More than 1 in 5 Michigan workers have filed for unemployment insurance in four weeks," with Jim Robey, Katie Bolter and Gerrit Anderson, Research Highlights, W.E. Upjohn Institute for Employment Research, April 16, 2020.
- "Initial claims for unemployment insurance level off but remain near historical highs," with Jim Robey, Katie Bolter and Gerrit Anderson, Research Highlights, W.E. Upjohn Institute for Employment Research, April 9, 2020.
- "The number of unemployed individuals per job opening in the U.S. more than tripled in March," <u>Research Highlights</u>, W.E. Upjohn Institute for Employment Research, April 7, 2020.
- "Bleak job numbers only the beginning of COVID-19 fallout," <u>Research Highlights</u>, W.E. Upjohn Institute for Employment Research, April 3, 2020.
- "Initial jobless claims increase to highest-ever levels nationally and in Michigan," with Jim Robey, Katie Bolter and Gerrit Anderson, <u>Research Highlights</u>, W.E. Upjohn Institute for Employment Research, April 2, 2020.
- "Initial claims for unemployment insurance surged last week across the nation," with Jim Robey, Katie Bolter and Gerrit Anderson, Research Highlights, W.E. Upjohn Institute for Employment Research, March 26, 2020.
- "March employment report won't fully capture effects of COVID-19," <u>Research Highlights</u>, W.E. Upjohn Institute for Employment Research, March 20, 2020.
- "Review of Nicholas Eberstadt's book, Men without work," <u>Business Economics</u>, April 2018, Volume 53, Issue 2, pp 103-104.
- "Big Data: A Perspective from the BLS" Amstat News, January 2013.
- "Service Producer Price Indices: Past, Present and Future," Presentation to the CRIW 2006 summer workshop, with Roslyn Swick and Dee Bathgate.

- "Potential sources of bias in PPI price indexes for management consulting," Presentation to the Voorburg Group on International Service Sector Producer Price Indexes, 2006.
- "Planning, designing, and executing the BLS American Time-Use Survey," <u>Monthly Labor</u> Review, October 2004, pp. 3-19.
- "Employment outlook: 2002-12 / Concepts and context," Monthly Labor Review, February 2004, pp 3-22.
- "Labor Markets in the 21st Century: A focus on skills," <u>Report of the European Union-USA Event Conference</u>, February 21-22, 2002.
- "Evaluation of a monetary incentive payment experiment in the National Longitudinal Survey of Youth, 1997 cohort," with Rupa Datta and James Walker, *Proceedings of the Federal Committee on Statistical Methodology Research Conference*, November 14-16, 2001.
- "Flexible Workplace Practices: Evidence from A Nationally Representative Survey," with Maury Gittleman and Mary Joyce, *Industrial Labor Relation Review*, Vol. 52, No. 1, (1998).
- "Formal and Informal Training: Evidence from a Matched Employee-Employer Survey," in Advances in the Study of Entrepreneurship, Innovation, and Economic Growth v. 9, edited by Gary Libecap, (Greenwich, Ct.: JAI Press, 1997), pp. 47-82 (with Maury Gittleman and Mary Joyce). Abridged version published as "Results from the 1995 Survey of Employer-Provided Training," Monthly Labor Review 121:6 (June 1998), pp. 3-13.
- "Trends in the Well-Being of Families," in the Report on the American Workforce, U.S. Department of Labor, 1995, pages 51-100.
- "Employer-provided training: results from a new survey," <u>Monthly Labor Review</u>, May 1995, pages 3-17.
- "The Structure of Earnings" in the <u>Report on the American Workforce</u>, U.S. Department of Labor, 1994, pages 45-93.
- "Reducing Inequality through a Higher Minimum Wage," with Ronald Mincy, invited submission to an edited volume, <u>Causes of Increasing Inequality in the U.S.</u>, Sheldon Danziger and Peter Gottschalk, editors, Russell Sage Foundation, December, 1992.
- "The Closing of the Female-Male Earnings Gap: Better Pay or Longer Hours?" with James P. Markey, <u>Monthly Labor Review</u>, July 1990, pp. 11-17.
- "The Unemployment Experience of the Workforce," with Jonathan Leonard, <u>Research in Labor Economics</u>, edited by Ronald Ehrenberg, Volume 11, 1990, pp. 201-222.
- "Data Needs for Labor Market Analysis," <u>Report of the Commission on Workforce Quality and Labor Market Efficiency</u>, September 1989, pp. 2377-2403.
- "The declining middle class thesis: A sensitivity analysis," with Steven E. Haugen, <u>Monthly Labor Review</u>, May 1988, pp. 3-13.

"Time spent unemployed: A new look at data from the CPS," <u>Monthly Labor Review</u>, July 1987, pp. 3-15.

"Toward More Stable Flows: The Use of the CPS Survey as a Longitudinal Data Base. <u>Invited Paper</u>, Proceedings of the BLS/Census Conference on Gross Flows in Labor Statistics, July 19-20, 1984, Washington D.C., December 1985.

"Measures of Unemployment Duration as Guides to Research and Policy," with John A. Carlson, Purdue University, <u>American Economic Review</u>, December 1983.

"Simulation of Alternative Reimbursement Regulations," in <u>Determinants of Current and Future Expenditures on Durable Medical Equipment by Medicare and its Program Beneficiaries.</u> Over, M.A., Bradburd, R.M., et al., April 1983.

"The Duration of Unemployment: How Should it be Viewed?" with John A. Carlson, Purdue University, <u>Atlantic Economic Journal</u>, Volume X, Number 3, September, 1982.

REFERENCES: AVAILABLE UPON REQUEST