## Hearing of the Commission on Legislative, Judicial and Executive Compensation October 31, 2023

#### Testimony by Richard C. Lewis, President of New York State Bar Association

#### **Table of Contents**

- 1. Hearing of the Commission on Legislative, Judicial and Executive Compensation Testimony (October 31, 2023)
- 2. Attachment 1: New York State Bar Association Report and Recommendations on Judicial Compensation in New York State (July 15, 2011)
- 3. Attachment 2-A: Comments of Orley Ashenfelter Analysis of Judicial Salaries in New York State (November 30, 2015)
- 4. Attachment 2-B: Orley Ashenfelter Curriculum Vitae (October 2015)

# Hearing of the Commission on Legislative, Judicial and Executive Compensation October 31, 2023

Testimony by Richard C. Lewis, President New York State Bar Association

#### Hearing of the Commission on Legislative, Judicial and Executive Compensation

# New York State Bar Center One Elk Street, Albany October 31, 2023 Testimony by Richard C. Lewis, President New York State Bar Association

I am Richard C. Lewis, President of the New York State Bar Association. On behalf of the Association, I thank you for the opportunity to testify on the subject of judicial compensation. An independent and properly funded judiciary is important not only to our judges and their families, but also to our New York State Bar Association, every attorney, the people of our great State, and, in the end, to the stability of our democratic society. In 2010 our Association strongly supported the bill mandating the establishment of periodic judicial compensation commissions because they play a critical role in maintaining our system of justice. I am honored to be here today to share our Association's support for increased judicial compensation and the continuing importance of this Commission's work.

#### Long-standing Policy in Support of Adequate Judicial Salaries

The New York State Bar Association represents the interests of over 55,000 members from across New York State and around the world, and is the voice for the legal profession in New York. For than three decades. more Association steadfast supporter of iudicial has been a strong and compensation. Throughout that time, our position has been firm and clear -- an independent, well-functioning judiciary, accessible to all, is a cornerstone of our democratic society. We strongly believe that the operation of our justice system depends upon confidence -- on the part of both lawyers and their clients -- that the judge presiding over a case is qualified, independent, and focused on the matter at hand. New York has always been fortunate to have so many talented, civic-minded jurists who are

willing to sacrifice financially and personally in order to serve the public. However, as we said in the past, salary stagnation was an impediment to retaining qualified and experienced judges and attracting the best and brightest attorneys to the bench. In short, the justice system's ability to function properly depends on the judges who serve it. That is why our Association has made judicial compensation such a high priority.

In 2011, our Association adopted a report that was the basis for our submission to that Commission recommending a substantial increase in judicial salaries. Our position in 2011 and 2015 was that an increase should reflect the cost-of-living increase since the prior raise.

Furthermore, we also recommended implementation of a protocol for the regular adjustment of judicial salaries thereafter to account for the rising cost of living, which is critical in our current submission to this Commission. We applaud this Commission and its work at these hearings to properly consider judicial compensation in New York State.

The New York State Bar Association has a long history of advocacy and support for proper funding of our judiciary, our reports calling for increased funding of the judiciary are attached with my written submission.

New York State is a center for the legal, business, and financial communities. Our judges and court system play an important role in developing a body of law that is recognized throughout the country and around the world as a gold standard for its treatment of financial and commercial matters. Our bench is world-renowned for its fairness, neutrality, independence, and its capacity to handle complex cases.

These are among the reasons that New York courts are attractive to businesses from around the globe. The devaluation of our judges' work – through inadequate compensation – makes it more difficult to attract and retain the best and brightest to the bench. Such deficiencies threaten to diminish the reputation of our courts, with a negative economic impact on our State. We must maintain our Judiciary's national and international judicial reputation for quality, fairness, and independence as we go forward.

Judicial compensation reflects the value that we, as a society, place upon the critical work that our judges perform. We all appreciate and benefit from the important role of the Judiciary in our society, but the failure to adequately compensate judges devalues their work in a way that we believe is detrimental to a properly functioning justice system. That is why the New York State Bar Association recommended a substantial increase in judicial salaries in the past, and calls for regular cost-of-living adjustments be provided to judges. The Association reiterates its long-standing position on the importance of adequate judicial salaries and recommends implementation of substantial increases for New York's judges to keep it consistent with compensation the federal bench. on

Thank you again for the opportunity to testify.

### Attachment "1"

# NEW YORK STATE BAR ASSOCIATION REPORT AND RECOMMENDATIONS ON JUDICIAL COMPENSATION IN NEW YORK STATE JULY 15, 2011

#### TABLE OF CONTENTS

- I. Executive Summary
- II. Background
  - a. History of Judicial Compensation in New York
- III. NYSBA Standing and Interest
  - a. NYSBA Support of Adequate Judicial Compensation
- IV. Compensation Evaluation
  - a. Judges' Salaries Elsewhere
  - b. Other Public Sector Salaries
  - c. Lack of Cost of Living Adjustment
- V. Consequences of Stagnant Judicial Salaries
- VI. Conclusions and Recommendations

Appendix A: Curriculum Vitae of William C. Blanchfield, Ph.D

Appendix B: Report of Economist William C. Blanchfield, Ph.D

Appendix C: NYSBA Resolutions on Judicial Compensation

#### I. Executive Summary

The New York State Bar Association ("NYSBA") respectfully submits this report to the 2011 Commission on Judicial Compensation to assist it in fulfilling its mandate, pursuant to chapter 567 of the Laws of 2010, to establish appropriate levels of compensation for New York State judges and justices for the four-year period commencing April 1, 2012.

The presence of an independent, well-functioning judicial system, accessible to all, is a bedrock principle of our democracy. The courts, more than any other arm of government, are the bulwark of liberty. As the State of New York now faces the limitations presented by a challenging economy, the Governor and Legislature must ensure that adequate resources are provided to allow courts to fulfill their essential role. The establishment of the Commission on Judicial Compensation is the first step in achieving this important goal.

Judges are critical to the delivery of justice in our system of government. Judicial salaries reflect the value that society places on the important work our judges perform. Therefore, it is of paramount importance to compensate judges fairly and without further delay. NYSBA, the largest voluntary state bar association in the country, represents the interests of over 77,000 members, from within and without the State, with affiliations throughout the profession. NYSBA is uniquely positioned to provide its own independent perspective on the importance of adequate judicial compensation. NYSBA and its members recognize that an appropriately compensated judiciary is extremely important to a properly functioning system of government. Notably, NYSBA members represent clients who are the citizens of New York State who depend on a well functioning judiciary with those most capable sitting on the bench. Members' clients avail themselves of, and are reliant upon, the judiciary to resolve their disputes, from emotional and crisis-ridden family law matters to some of the largest commercial disputes in the financial capital of the world. NYSBA members are there, in the courts, and on the "firing lines" every day. Clients' disputes, whether small or large, need a sound judiciary in order for the system to function properly.

The salaries of New York judges were last adjusted in 1999, when they were brought into parity with salaries of federal district court judges. Since then, New York judicial salaries have fallen far behind those of federal judges and judges in other states. It is important to have salaries that do not deter highly qualified individuals from seeking judicial office, and to ensure that judges are fairly compensated on an ongoing basis in order to retain them on the bench. Consequently, NYSBA supports a substantial judicial pay increase, at least reflective of the cost-of-living increase since 1999, to take effect on April 1, 2012. According to the analysis of an independent expert commissioned by NYSBA, a 2012 salary for Supreme Court justices of \$192,000 would be the minimum salary that would reflect this cost-of-

living increase. NYSBA further supports annual cost-of-living adjustments in the following three years. 1

#### II. Background

#### a. <u>History of Judicial Compensation in New York</u>

The history of judicial salaries since 1977, when the State assumed responsibility for funding New York's courts, reveals a pattern of long periods of salary stagnation, interrupted by occasional "catch-up" increases. What is perhaps most noteworthy about this history is the lack of a systemic approach for any of the salary increases—either as to the timing or as to the amount. In the 50 states, New York's judges have gone the longest without any pay adjustment. A judge serving since 1995 has received only one pay increase, in 1999. A judge serving since 1988, 23 years ago, has received only two salary adjustments, in 1993 and 1999, while seeing inflation dramatically erode his or her salary.<sup>2</sup>

Starting in 2003, and in each subsequent year, the Judiciary has asked the Legislature and the Governor to increase judicial salary levels. The Legislature, and former Governors Pataki, Spitzer, and Paterson have all expressed public support for a judicial salary increase. Nonetheless, the Legislature has not enacted a judicial salary adjustment. This failure to act challenges the doctrine of three separate branches of government—the Executive, Legislature and Judicial—upon which our country and our State functions.

Beginning in 2006, New York's Judiciary submitted proposals designed to reform how the State sets salaries for all three branches of government. Under this proposal, a series of quadrennial commissions would prescribe cost-of-living adjustments and salary levels for judges, legislators, and executive branch officials. This proposal garnered the support of New York's governmental leaders, but it fell victim to continued discord between the other branches of government.

In 2007, then New York State Chief Judge Judith S. Kaye asked the National Center for State Courts (the "NCSC") to conduct a study of New York State judicial compensation. The NCSC issued a report in May, 2007 (the "NCSC 2007 Report"). In the report, the NCSC found that judicial pay levels are inadequate and unlikely to continue to attract and retain highly qualified members of the legal profession to serve on the state's bench. Their key findings from 2007 include:

New York judges are underpaid compared to judges elsewhere.

<sup>&</sup>lt;sup>1</sup> The Association extends its appreciation to the members of its Working Group on Judicial Compensation Commission for preparation of this report: John S. Marwell (chair), John P. Bracken, John R. Dunne, Timothy J. Fennell, Michael E. Getnick, James C. Moore, and G. Robert Witmer, Jr.

<sup>2</sup> See, National Center for State Courts, Judicial Compensation in New York (2007) (hereinafter "NCSC Report), at 7.

- Their pay ranks 48<sup>th</sup> in the nation when adjusted for New York's high cost of living.
- Of the 50 states, New York's judges have gone the longest without any salary adjustment.
- New York's judicial pay has been significantly eroded by inflation (26% from 1999 to 2007), while judges in every other state have received pay raises averaging 3.2% annually, for a cumulative increase of more than 24%.
- Federal District Court Judges, with whom State Supreme Court Justices enjoyed pay parity in 1999, now earn almost \$30,000 more annually.
- 2. New York judges' pay lags far behind comparable public sector compensation.
- Thousands of public sector employees in New York are paid higher salaries than
  the \$136,700 paid to the State's general jurisdiction trial judges. Hundreds of nonjudicial employees in the courts now earn more than the judges for whom they
  work.
- District Attorneys in New York City earn \$190,000, or at least \$53,300 more than all the trial judges before whom they and their assistants appear.
- Many positions in state and local government are paid more than New York's judges.
- More than 1,350 professors in the State and City University systems earn more than New York's judges.
- More than 1,250 public school administrators across the State, from elementary school principals to superintendents of schools, earn more than New York's judges.<sup>4</sup>

Most recently, in late November 2010, then Governor David Paterson included in his agenda a bill to create a Judicial Compensation Commission. Both houses of the Legislature passed the bill. The Governor signed the bill on December 10, 2010. NYSBA applauds the wisdom of establishing the Judicial Compensation Commission to address such a longstanding societal need.

#### III. NYSBA Standing & Interest

For more than 125 years, NYSBA has shaped the development of the law, educated and informed the profession and public, and responded to the demands of a changing society. Today, with more than 77,000 lawyers, representing every town, city, and county in the state, as well as locations across the United States and beyond,

NCSC Report, at 1

Id

NYSBA's objectives include facilitating the administration of justice and elevating the standards of integrity, honor, and professional skill and courtesy in the legal profession. NYSBA is a link between the state and the individual lawyer, a force for constructive change and a chief exponent of the rights and liberties of the public. NYSBA represents all areas of the legal profession; from private practice to public sector attorneys, from large law firm to small and solo practitioners, from legal services to government services, to in-house counsel, transactional lawyers and litigators alike. And importantly, NYSBA's members represent the citizens of New York State, clients who depend on the judicial system. NYSBA members' clients are individuals, large corporations and small corporations, individual in-state and out-of-state clients, and people in need of *pro bono* services and without funds to afford private counsel. These clients rely on the proper functioning of the judicial system to resolve disputes which are extremely important to them. NYSBA is their voice in this process.

Therefore, maintaining high judicial standards is of the utmost importance to NYSBA and the profession and practicing attorneys that it represents. In this respect, NYSBA is uniquely positioned to offer its own independent perspective in the debate over judicial compensation. NYSBA's interest is to ensure that our system of justice is administered by an independent, highly competent judiciary. A highly competent judiciary is vital to the proper functioning of our system of government and to maintain the confidence of our citizens in the legal system's ability to resolve disputes properly, respectfully, and with civility.

An appropriately compensated judiciary has been among NYSBA's top legislative priorities since 2006. Consequently, NYSBA has repeatedly committed its resources to promote salary reform, through advocacy activities by State Bar leadership and members and the work of staff and consultants.

For example, NYSBA has mobilized its members, urging them to contact their state legislators and the Governor to voice their support for the enactment of judicial salary reform legislation. That activity was in addition to the action taken in recent years by past presidents of NYSBA in the form of letters to state policy-makers, letters to newspaper editors, testimony before legislative committees, and countless meetings and phone calls with legislators and the Executive Chamber.

NYSBA officers have consistently worked to persuade the Governor and legislative leaders to raise judicial salaries. In late November, 2010, the Governor included on his agenda for an "extraordinary legislative session" a bill to create a Judicial Compensation Commission. Both houses of the Legislature passed the bill. The Governor signed the bill on December 10, 2010. NYSBA applauds the formation of the Judicial Compensation Commission, stresses the importance of the Commission carrying out its task, and recommends a substantial adjustment to judicial compensation.

#### NYSBA support of adequate judicial compensation

In 2006 NYSBA supported the Office for Court Administration's ("OCA") proposed legislation with respect to judicial salary increases and the creation of a Quadrennial Commission on Executive, Legislative and Judicial Compensation. Former Chief Judge Judith S. Kaye recommended the increase in judicial salaries and the Quadrennial Commission concept as part of her State of the Judiciary Address delivered on February 6, 2006.

NYSBA has previously adopted resolutions on this issue, including:

- A May 2005 resolution adopted by the House of Delegates urging the Governor and Legislature to increase state judicial compensation to restore salary parity for our judges with that of their counterparts on the federal bench. The resolution also advocated for providing salary adjustments to judges of the trial courts of limited jurisdiction in order to provide salary uniformity for judges within the same level of court and among all trial court judges. Finally, the resolution advocated a mechanism for future salary adjustments for Justices of the Supreme Court to be accomplished automatically without the need for legislative action, to maintain parity with Federal District Court Judges.<sup>5</sup>
- A January 1994 resolution adopted by the House of Delegates, which recognized NYSBA's long-standing support for fair judicial compensation and recognized the need for regular and automatic review of judicial salaries to determine the need for an increase.
- A January 1993 NYSBA resolution supporting an increase in judicial compensation, as proposed in the Judiciary's 1993-1994 state budget request.
- An April 1992 NYSBA resolution, which generally urged the Governor and Legislature to support an increase in compensation of judges of the State of New York.

Moreover, NYSBA has also reached out to the Legislature and the Governor via more traditional advocacy activity by the President. Judicial Salary Reform has been among NYSBA's legislative priorities since 2006.

Throughout the years, NYSBA's position on judicial salary increases has remained uniform and firm. The Judiciary's success in meeting the expectations of the people depends on the caliber of its judges who make the court system work properly. Judges should be properly compensated and merit an appropriate salary adjustment.

#### IV. Compensation Evaluation

a. Judges' Salaries Elsewhere

<sup>&</sup>lt;sup>5</sup> See, Appendix D for a compilation of NYSBA resolutions on judicial compensation-

In 2007, New York ranked 12<sup>th</sup> among the states based on nominal salary paid to a judge of the trial court.<sup>6</sup> However, when New York's high cost of living is taken into account, the ranking drops to the bottom nationally. In fact, judicial pay in New York now ranks last nationwide when adjusted for statewide cost of living. Due to the protracted pay freeze, New York judges today earn the same nominal salaries as judges in Arkansas and Louisiana, where living costs and dockets are markedly lower.

States with long gaps between compensation reviews have provided their judges with annual cost-of-living adjustments in the interim. The vast majority of states routinely adjust judicial compensation. For the 24 month period ending on June 30, 2006, New York was one of only 11 states that made no adjustment at all to judicial salaries. Judges of every other state received pay adjustments averaging 3.2% annually. Also, the salaries of federal judges, judges in other states, and New York's non-judicial employees have increased on a regular basis to keep pace with the cost of living. Only the New York State judges have not received a pay increase or salary adjustment to address cost of living increases.

NYSBA retained an independent economist to evaluate and report on judicial salaries and make appropriate comparisons with other states' judges: Dr. William C. Blanchfield, an economist with a Ph.D in Political Economy and many years of experience in the field. His curriculum vitae is attached as Appendix A of this Report. Dr. Blanchfield is a published author, professor, and consultant in the field of economics. At our request, Dr. Blanchfield compared New York State judicial wages with all other states in 2010, and found that at the general jurisdiction trial court, New York State median wages were \$128,500, while the total of all other states was \$132,500. He concluded that New York lags behind other states in trial court wages. Meanwhile, the docket of New York State courts continues to grow and far outnumbers the dockets of most other states. Dr. Blanchfield also compared judicial salaries of New York with Connecticut and New Jersey because these two states are most similar in income per capita and other economic variables. Unadjusted data from 2010 shows New York lagging far behind Connecticut and New Jersey. At the general jurisdiction trial court level, Connecticut judges earn \$146,780 and in New Jersey judges earn \$165,000. In New York, general jurisdiction trial court judges earn \$124,382. Notably, the average New York State judge's docket far outnumbers that of the average judge in New Jersey and Connecticut.

#### Other Public Sector Salaries

Over the past 12 ½ years, the salaries of New York judges have fallen behind the salaries of hundreds of state-employed professionals, including many with less training and seniority. The following are merely some examples:

<sup>6</sup> See, NCSC Report, at 9.

<sup>&</sup>lt;sup>7</sup> Dr. Blanchfield's son, the Honorable Mark W. Blanchfield, is a Judge on the Schenectady City Court.

- District Attorneys in New York City earn \$190,000 or \$34,000 more than the State's Chief Judge, and at least \$53,300 more than all of the trial judges before whom they and their assistants appear.
- More than 1,350 professors in the State and City University systems earn more than a Justice of the New York State Supreme Court. Over 1,000 of these professors are paid more than \$150,000.
- Deans of public law schools make over \$200,000 a year. Principals of New York City public schools also earn more than a Supreme Court Justice.

Even senior law clerks today, because of annual salary increases since 1999 and cost-of-living adjustments, earn \$141,195 or 103.2% of their judges' salaries. In other words, some law clerks are paid more than the judges for whom they work. This salary structure imbalance is counter-intuitive, and also counter-productive to the proper functioning of the judicial system.

#### c. Lack of Cost-of-Living Adjustments

The failure to provide cost-of-living adjustments to judges over the last 12 ¼ years has upended long-standing salary distinctions based on the fundamental difference between judicial officers and non-judicial personnel. For the first time in the history of the court system, hundreds of non-judicial staff now earn more than judges and justices in the court system whom they serve.

Dr. Blanchfield also examined the effect of New York's sustained failure to adjust judicial salaries to account for rising cost-of-living standards. Dr. Blanchfield examined judicial salaries in 1999, and using the Consumer Price Index ("CPP"), adjusted the salaries to reflect appropriate cost-of-living adjustments for the past 12 ½ years. Dr. Blanchfield found that the salary for a New York Supreme Court Justice in 2012 would be \$192,011, when adjusted for cost of living based on the CPI. (See Appendix B). The CPI is defined by the United States Bureau of Labor Statistics, and is a measure of the average change over time in the prices paid by urban consumers for a market basket of consumer goods and services. The CPI can be used to index the real value of wages, salaries, pensions, etc. Moreover, Dr. Blanchfield noted in his report that "the argument that wages should not be increased during difficult times is a spurious one. The CPI will adjust for that."

Since the last judicial pay adjustment, inflation has significantly eroded the value of judicial salaries. To date, on average, a judge serving throughout this period has lost more than \$330,000 relative to the cost of living. The New York State Judiciary has endured the lack of cost-of-living adjustment to their salary for too long. The Judicial Compensation Commission has the opportunity to correct this issue by fairly

<sup>8 &</sup>quot;Consumer Price Index - Frequently Asked Questions (FAQs)". Bureau of Labor Statistics. Accessed September 10, 2010. http://www.bls.gov/cpi/cpifaq.htm.

adjusting judges' salaries with a substantial increase now, and making additional costof-living adjustments over the following three years.

#### V. Consequences of Stagnant Judicial Salaries

Judges are society's essential component for the delivery of justice in our system of government. Judicial salaries reflect the value that society places on the important work judges perform. The current judicial salary structure needs reform so as to not impose financial limits upon the field of prospective judges. Such limitations may deter high-quality individuals from seeking judicial office. Reform also is needed to ensure that our judges are fairly compensated on a regular and ongoing basis. The federal government and other states have identified effective mechanisms to provide regular salary reviews for public leaders.

Indeed, a New York Times article, published on July 5, 2011, confirmed that judges are leaving the bench in relatively large numbers, not to retire, but to return to law practice. The Times cited a study that showed nearly 1 in 10 judges are now leaving annually. James M. McGuire, a judge on the New York State Appellate Division, First Department, recently resigned from his position on the bench to reenter private practice. His judicial salary was \$144,000. McGuire said, "I've got no choice. The only responsible thing for my family is to go. I tormented myself for the longest period of time about whether I should go, because I love the work." Robert Spolzino, a former New York State Appellate Division, Second Department judge said; "I never expected to get rich as a judge, but I never expected to get poor either." Chief Judge Jonathan Lippman said, "Why would a talented lawyer want to join an institution that hasn't had even a cost of living increase in 12 years?"

Furthermore, New York State has a strong interest in attracting and retaining businesses, which generate jobs and tax revenues and contribute to economic prosperity. Businesses rely on the courts to resolve their disputes, and the quality and efficiency of the Judiciary are significant factors taken into consideration by companies deciding where to locate and do business. Businesses and individuals are the clients that NYSBA members represent. Members' clients come to New York to do business and potentially litigate their cases in part because of their dependence and reliance on a properly functioning judicial system known for its highly qualified judges.

Inadequate judicial salaries also suggest potential harm to judicial independence and to the public's perception of our justice system. The average citizen should have confidence that judges will decide cases with complete independence. The ongoing situation in New York clearly has the potential to adversely affect the public's confidence in the independence of the Judiciary.

#### VI. Conclusions and Recommendations

NYSBA respectfully submits this report to assist the Commission in fulfilling its mandate. NYSBA supports a substantial judicial pay increase, at least reflective of the cost-of-living increase since 1999, to take effect on April 1, 2012. According to the analysis of an independent expert commissioned by NYSBA, a 2012 salary for Supreme Court justices of \$192,000 would be the minimum salary that would reflect this cost-of-living increase. NYSBA further supports annual cost-of-living adjustments in the following three years. This increase will address the significant erosion in judicial pay over the past 12 ½ years. Furthermore, the Commission should ensure that a protocol exists for the regular adjustment of judicial salaries to account for cost-of-living adjustments.

#### List of Appendices

Appendix A: CV of William C. Blanchfield, Ph.D

Appendix B: Economic Report of Dr. Blanchfield

Appendix C: NYSBA Resolutions on Judicial Salaries

APPENDIX A

#### VITA

#### WILLIAM C. BLANCHFIELD

#### BLANCHFIELD CONSULTING

#### PERSONAL

Home Address: 2610 Sunset Avenue Utica, New York 13502 Telephone: (315) 733-6331 Business Address: 2514 Genesee Street Utica, New York 13502

Telephone: (315) 738-1210

or (315) 525-5720

Fax:

(315) 724-1220

#### EDUCATION

Ph.D. in Political Economy, State University of New York at Albany, June 1970.

Dissertation entitled "The Economics of High Education." Major areas of study: Economic Theory, Econometrics, Economic Development and Fiscal Policy.

M.S. in Economics, Rensselaer Polytechnic Institute, Troy, New York, June 1965.

Masters Essay entitled "Banking Mergers in New York State." Graduate fellowship providing tuition and fees.

B.S. in Metallurgical Engineering, Rensselaer Polytechnic Institute, Troy, New York, January 1961. Dean's list, Varsity Baseball.

#### ACADEMIC EXPERIENCE

Professor of Economics, Utica College of Syracuse University, 1979.

Appointed September 1, 1966. Professor Emeritus Utica College, 2008.

#### CONSULTING EXPERIENCE

Consultant, Oneida County Planning Office, Utica, New York. Consulted on statistical section of major report on future revenue sources and population increases.

Consultant, City of Utica, New York. Consulted on Municipal Budgetary Problems. Estimated revenue from possible sales taxes. Consulted on urban transportation problems.

Consultant, Special Metals Corporation. Seminar on long range planning.

Consultant, Smith Barney, Inc. Seminars on economic forecasts.

Consultant, Various Attorneys. Expert witness on value of lifetime earnings, pensions, additional earnings from medical and legal degrees, and the value of businesses.

#### OTHER EXPERIENCE

Customer Service Engineer, Crucible Steel Company, Syracuse, New York 1964.

U.S. Army Reserve, 1961-1968, Rank: Captain.

Customer Service Engineer, Special Metals, Inc., New Hartford, New York, 1961-September, 1963.

#### COURSES TAUGHT

Principles of Economics
Price Theory

National Income Analysis

Econometrics

. Structure of American Industry

. Fiscal Policy

Environmental Economics

Statistics

Also: Graduate Courses in the MBA Program at Syracuse University and Rensselaer Polytechnic Institute.

#### PUBLICATIONS

#### Articles and Papers

<u>College Dropout Identification - A Case Study</u>, Journal of Experimental Education, Winter, 1971.

<u>College Dropout Identification - An Economic Analysis</u>, Journal of Human Resources, Fall, 1972.

College Dropout Identification - Research in Education, University of Michigan, May, 1972.

A Review of Productivity Research and a Cross Sectional Study of Italian Manufacturing, Staff Papers, Confederation of Industry, Rome, Italy, Fall, 1982.

Panelist - Cancer Treatments and Mortality Rates, an Economic Analysis. Eastern Economics Association Conference, October, 1990.

Sexual Discrimination in Faculty Salaries, National Social Science Association Conference, November, 1989.

Legal and Economic Problems in Gender Discrimination. New York State Economics Association Conference, October, 1990.

A Study of Faculty Attitudes of Student Affairs Professionals, College Student Personnel Association Conference, October, 1990.

The Economic Effects of Changes in the New York State Thruway Interchanges. A Study of Oneida County, Funded by New York State Transportation Department, with IRS Consulting and Wharton Econometrics, Fall and Spring, 1990, 1991.

The Value of Small Business, Economic and Legal Problems, Presented at Rensselaer Polytechnic Institute, Spring 1997 and at the Association of Professional Researchers for Advancement, August 1997.

Valuing Losses in Civil Cases, Presented to Oneida County Bar Association, March, 1997.

Cross Examination of Economists, Presentations to Albany County Bar and Onondaga Bar; CLE, January and June 2005.

#### BOOKS

Economics, Reality Through Theory, (Co-authored with Jacob Oser), Harcourt, Brace, Jovanovich, January, 1973.

The Evolution of Economic Thought, (revised with Jacob Oser, original by Jacob Oser), Harcourt, Brace, Jovanovich, January, 1976.

Economic Development, Grid, Inc., January, 1976.

#### AWARDS

<u>Class of 1960 Alumni Award</u>, Rensselaer Polytechnic Institute, For Service to the Institute and the Class of 1960.

National Alumni Council of Utica College, Outstanding Faculty Award, May, 1989.

Directors Award, Rensselaer Polytechnic Institute, May, 1994.

Alumni Key Award, Rensselaer Polytechnic Institute, June, 1996.

Demers Medal, Rensselaer Polytechnic Institute, June, 2002.

#### APPOINTMENTS

Guest Scholar at the Confederation of Industry, Rome, Italy, Spring and Summer, 1982. I led two seminars at the Confederation and did research on productivity problems in Italy. I can speak and write Italian.

Treasurer, Utica Public Library, January, 1988.

Chairperson, Board of Ethics, Oneida County - Appointed June, 1991.

Member, Financial Partnership Board, City of Utica - Appointed September, 1996.

Member, Board of Trustees, Rensselaer Alumni Association - Appointed June, 1996.

Member, Economics Dept. Review Committee, Lawrence Klein Chair, Rensselaer Polytechnic Institute, 1999.

Member, Search Committee Chair Economics Dept., Rensselaer Polytechnic Institute, 2001.

Coordinator, Utica College Entrepreneurship Series, 2004.

APPENDIX B

#### WILLIAM C. BLANCHFIELD, Ph.D.

ECONOMIST 2610 SUNSET AVENUE UTICA, NEW YORK 13502

Phone 315-738-1210

Fax 315-724-1220

#### Economic Analysis of Judicial Salaries for New York State

D.	Wages in 1999	Wages in 2012
A. Limited & Special Courts		·
City Court	\$ 120,000	\$ 168,185
Surrogates Court	\$ 120,000	\$ 168,185
Family Court	\$ 120,000	\$ 168,185
Court of Claims	\$ 137,000	\$ 192,011
B. Appellate and General		
County Court	\$ 120,000	\$ 168,185
Supreme Court	\$ 137,000	\$ 192,011
Appellate Terms	\$ 140,000	\$ 196,216
Appellate Division	\$ 144,000	\$ 201,822
State Court Admin.	\$ 148,000	\$ 207,374
Associate Justice	\$ 151,000	\$ 211,633
Chief Justice	\$ 156,000	\$ 218,639

Source for Initial Wages - Survey of Judicial Salaries 7/1/10

Increase in Wages - U.S. Department of Labor, Bureau of Labor Statistics

#### WILLIAM C. BLANCHFIELD, PH.D.

ECONOMIST 2610 SUNSET AVENUE UTICA, NEW YORK 13502

Phone 315-738-1210.

Fax 315-724-1220

## Comparison of New York State Judicial Wages With All Other States (New York State in 2010, other States in 2010)

M	Median Wages Highest	
Court	, , ,	
Total All States	\$ 146,917	
New York State	\$ 151,000	
000	Median Wages Appellate	
Court		
Total All States	\$ 140,732	
New York State	\$ 142,000	
rois .	Median Wages General	
Jurisdiction Trial Court	· ·	
Total All States	\$ 132,500	
New York State	\$ 136,700	

#### WILLIAM C. BLANCHFIELD, Ph.D.

ECONOMIST 2610 SUNSET AVENUE UTICA, NEW YORK 13502

Phone 315-738-1210

Fax 315-724-1220

### Comparison of Judicial Wages – New York and Connecticut and New Jersey (All Data as of 2010)

Highest Court
\$ 162,520
\$ 185,482
\$ 151,200
Appellate Court
\$ 152,637
\$ 175,534
\$ 144,000
Trial Court
\$ 146,780
\$ 165,000
\$ 136,700

All Data from Survey of Judicial Salaries 7/1/10

#### WILLIAM C. BLANCHFIELD, PH.D.

ECONOMIST 2610 SUNSET AVENUE UTICA, NEW YORK 13502

Phone 315-738-1210

Fax 315-724-1220

#### Comments - Analysis of Judicial Wages New York State v. Other States

New York State is most like Connecticut and New Jersey in income per capita and other economic variables. Unadjusted data from 2010 shows New York far behind Connecticut and New Jersey (see table). Adjusting New York State wages for a cost of living increase would erase this disparity (see table).

A proper comparison, beside contiguous states is to compare judicial salaries with salaries of Law School Professors. Trial Courts could be compared with Assistant Professors. Appellate Courts with Associate Professors and Highest Courts with Professors and Deans. A survey of Columbia, Cornell, Albany, NYU and other university law schools would yield useful comparisons. I do not have that data (law school wages) available. I'm not certain the Universities would release that information.

The most solid analysis is to simply adjust 1999 wages to 2012 (see table). The CPI adjustment would cover the volatility of the economy. That is the CPI goes down in recessions and up in good times (with a lag). The argument that wages should not be increased during difficult times is a spurious one. The CPI will adjust for that.

#### APPENDIX C

and the second of the second o

#### NEW YORK STATE BAR ASSOCIATION RESOLUTION ADOPTED BY HOUSE OF DELEGATES APRIL 1992

#### TO THE GOVERNOR AND THE LEGISLATURE OF THE STATE OF NEW YORK

RESOLVED, that the New York State Bar Association strongly urges that the compensation of the judges of the State of New York be increased. At the very least, this increase should be commensurate with the ratio of inflation measured prospectively from October 1987.

In so doing, the Association takes cognizance of the following facts, which it deems significant to this cause:

- 1. The last salary increase for New York State judges occurred over four years ago, in October of 1987. Failure to correct this state of affairs during the next fiscal year would result in a five-and-one-half year freeze on judicial salaries. In light of the increased filings and burgeoning court calendars documented in the Chief Judge's 1991 State of the Judiciary report, such a freeze is inequitable and unjust. Moreover, according to the National Center for State Courts, judges in no other state have gone without a pay raise longer than the judges of New York and one other state, Pennsylvania.
- 2. Due to the escalating cost of living, judges receive substantially less in disposable income today than they received four years ago. Using the consumer price index as the measure of the rate of inflation, the cost of living increased 21.6% between January 1988 and December 1991.
- 3. Ethical constraints imposed by the Code of Judicial Conduct severely limit the ability of judges to earn income from other sources. Indeed, the commentary to Canon 5 of the Code expressly provides that the appropriate remedy for the financial hardships caused by the canons of ethics is the securing of "adequate judicial salaries." The 1988 Report of the New York Temporary Commission on Executive, Legislative, and Judicial Compensation concluded that judges, among other public officials, "are now required to accept a standard of living far below the less-than-munificent compensation of twenty years ago. It is unconscionable to demand such sacrifice of our public servants and their families."
- 4. According to the Office of Court Administration, a significant number of executive branch employees have received salary increases since 1987 and many earn more than members of the state judiciary. As of November 1990, over 3400 executive branch employees (nearly all of whom received increases after October 1987) were earning salaries higher than the minimum salaries of Surrogates, Family Court judges and County Court judges. (Salaries among some judges of co-equal jurisdiction differ depending on location in the state.) As of March 1990, over 5600 executive branch employees (nearly all of whom received increases after October 1987) were earning salaries exceeding the minimum salary of full-time City Court judges. Furthermore, District Attorneys within the five counties of New York City now earn \$20,000 per year more than the Supreme Court Justices before whom they appear. (Ironically, §928 of the County Law provides that District Attorneys in the five counties shall receive salaries that are no less than those of Supreme Court Justices.) As urged by the Chief Judge, a comparison between

judicial salaries and those of legislative and executive branch personnel would prove useful in assuring fairness in the treatment of judges.

- 5. The salaries of the lowest paid federal judges are greater than those of the highest paid New York State trial judges: Justices of the New York State Supreme Court currently earn \$95,000 while U.S. Bankruptcy judges and full-time Magistrate Judges earn \$119,140.
- 6. Now is an appropriate time for the Governor and the Legislature to take cognizance of the need for judicial salary increases and to generate appropriate legislation to meet the need. The absence of an explicit request for judicial salary increases in the 1992-93 judiciary budget proposed by the Chief Judge and Office of Court Administration is understandable in light of the contentious litigation over the 1991-92 budget that was only recently resolved. Judicial salary increases, nevertheless, should be a part of the 1992-93 budget. The gap between current salaries and the cost of living will only widen if action is not taken now.
- Despite the hardships of the current economic climate and the difficult financial circumstances of the State, basic fairness dictates that judges receive a salary increase. Judges should not be singled out to make financial sacrifices greater than those borne by other public servants with equal responsibilities in fundamental operations of state government. It is important to the citizens of the state that the most qualified candidates pursue and remain in judicial service. This goal cannot be achieved without an assurance that judicial salaries will increase at reasonable time intervals. As noted at the outset, the failure to act now will result in a five-and-one-half year interval. This is simply too long.

The New York State Bar Association believes that it is important that each member lend his or her voice to the call to solve this important problem, and therefore it is further:

RESOLVED, that the New York State Bar Association strongly urges its members to contact the members of the Legislature of the State of New York and the Governor to express their support for an increase in compensation for the state judiciary.

#### NEW YORK STATE BAR ASSOCIATION RESOLUTION ADOPTED BY HOUSE OF DELEGATES JANUARY 1993

RESOLVED, that the New York State Bar Association strongly urges that the compensation of the judges of the State of New York be increased as proposed in the 1993-1994 judiciary budget.

In making this recommendation we also endorse, recognize and support the concern for judicial salary increases as expressed by the New York County Lawyers' Association in its report to this House on January 29, 1993 and by other bar groups across the state.

#### NEW YORK STATE BAR ASSOCIATION RESOLUTION ADOPTED BY HOUSE OF DELEGATES JANUARY 1994

RESOLVED, that the House of Delegates, in recognition of the Association's long-standing support of the concept that the members of the Judiciary be adequately compensated, and after considering the report of the New York County Lawyers' Association with reference to the issue of automatic review of judicial salary increases, hereby recognizes the need for the periodic review of judicial salaries and the further need for a mechanism to accomplish such review, and recommends the establishment of a permanent commission on salaries for judicial officers to review judicial salaries on a regular basis and to make appropriate recommendations to the Governor and the Legislature.

#### NEW YORK STATE BAR ASSOCIATION RESOLUTION ADOPTED BY EXECUTIVE COMMITTEE MAY 5, 2005

WHEREAS, the New York State Bar Association ("NYSBA") finds that it has been over six years since the last judicial pay increase for New York judges;

WHEREAS, the value of judicial compensation in New York State has been seriously eroded since the last salary increase;

WHEREAS, the cost-of-living has increased by over 18 percent since 1999;

WHEREAS, since 1999, the salaries of others, including federal judges, judiciaries in other states, and non-judicial employees, regularly increased to keep pace with the rising cost-of-living;

WHEREAS, New York has traditionally been a leader among the states regarding judicial compensation;

WHEREAS, New York has steadily been losing ground to other states. When adjusted for the high regional cost-of-living, NY ranks only 23<sup>rd</sup> among the states in the level of compensation paid to judges of the trial court of general jurisdiction;

WHEREAS, other states have mechanisms, such as automatic cost-of-living adjustments, to ensure that judicial compensation is reviewed regularly. Such mechanisms include: Cost-of-living adjustments; Automated adjustments linked to adjustments given to other groups, such as non-judicial employees; or Commissions that review and make recommendations with respect to salary adjustments:

#### NOW, THEREFORE, BE IT

RESOLVED, that NYSBA hereby urges the Governor and Legislature to increase the compensation for judges of the State of New York to restore them to parity with their counterparts, the Judges of the Federal District Courts. At the same time, salaries of the Judges of our appellate courts should be increased in appropriate proportion.

RESOLVED, that NYSBA hereby urges the Governor and Legislature to provide for an adjustment of the salaries of Judges of the trial courts of limited jurisdiction to reduce the extent of salary disparity both within the same level of court and among Judges of all trial courts and further to crease a salary commission that would meet every two years to consider whether remaining pay disparities should be further reduced or eliminated.

RESOLVED, that NYSBA hereby urges the Governor and Legislature to establish a mechanism for future salary adjustments, by providing that salaries of Justices of the Supreme Court will automatically, and without need for further legislative action, be adjusted annually to keep pace

with those of Judges of the Federal District Courts, and that the salaries of Judges of other Statepaid courts be adjusted to preserve their relationships with those of Justices of the Supreme Court.

# Attachment "2-A"

# COMMENTS OF ORLEY ASHENFELTER ANALYSIS OF JUDICIAL SALARIES IN NEW YORK STATE

**November 30, 2015** 

#### I. QUALIFICATIONS

1. I am the Joseph Douglas Green 1895 Professor of Economics at Princeton University. I am the former President of the American Economics Association and the former President of the American Law and Economics Association. I am a recipient of the IZA Prize in Labor Economics and the Mincer Award for Lifetime Achievement of the Society of Labor Economists. I am a Fellow of the Econometric Society, a Fellow of the American Academy of Arts and Sciences, a Fellow of the Society of Labor Economics, a Corresponding Fellow of the Royal Society of Edinburgh, and a Distinguished Fellow of the American Economics Association. My areas of specialization include labor economics, industrial organization, econometrics, and law and economics. I was previously the Director of the Industrial Relations Section at Princeton University, and I have been Director of the Office of Evaluation of the U.S. Department of Labor, a Guggenheim Fellow, and the Benjamin Meeker Visiting Professor at the University of Bristol. I edited the *Handbook of Labor Economics* and I was a previous editor of the American Economic Review and a previous co-editor of the American Law and Economics *Review.* My curriculum vitae is attached to this report as Appendix A.

#### II. ASSIGNMENT

2. I have been retained by counsel for the New York State Bar Association to examine and comment upon the salaries of judges in New York state relative to other judicial salaries in the United States.

#### III. DATA

- 3. The data I use for my analysis comes from three sources: the National Center for State Courts, the U.S. Courts website on federal judicial salaries, and the Council for Community and Economic Research.
- 4. The Judicial Salary Tracker, published by the National Center for State Courts, reports the salaries for "associate justices of the courts of last resort, associate judges of intermediate appellate courts, and judges of general-jurisdiction trial courts."
- 5. I obtained data on Federal judicial salaries from the U.S. Courts website.<sup>2</sup> These data report the salaries for District Court judges, Circuit Judges, Associate Justices, and the Chief Justice.
- 6. I obtained state-level cost-of-living data from the Council for Community and Economic Research. This index is constructed by comparing the relative cost of housing, food, utilities, healthcare, transportation, and other goods and services in various locations around the United States.<sup>3</sup> I have re-centered the state-level cost of living index (COLI) so

<sup>1</sup> *Survey of Judicial Salaries*, Vol. 40, No. 1. January 2015. Data available for download at <a href="http://www.ncsc.org/FlashMicrosites/JudicialSalaryReview/2015/home.html">http://www.ncsc.org/FlashMicrosites/JudicialSalaryReview/2015/home.html</a>.

<sup>&</sup>lt;sup>2</sup> See http://www.uscourts.gov/judges-judgeships/judicial-compensation

<sup>&</sup>lt;sup>3</sup> See <a href="https://www.coli.org/Method.asp">https://www.coli.org/Method.asp</a> for a description of the methodology behind constructing the Cost of Living Index (COLI).

that the average value of the index is 100.<sup>4</sup> States whose COLI value is greater than 100 have higher-than-average costs relative to the rest of the United States. States whose COLI value is less than 100 have lower-than-average costs. New York's COLI value is 139, indicating that the cost of living in New York State is 39% higher than the national average.

#### IV. ANALYSIS

- 7. In Table 1, I present a comparison of New York state judges' and federal judges' salaries. At the trial court level, New York State Supreme Court judges earn \$174,000, while Federal judges earn \$201,100. At the appellate level, New York state judges earn \$177,900, while Federal judges earn \$213,300. At the highest level, judges at New York's Court of Appeals earn \$192,500, while Supreme Court justices earn \$246,800. New York state judges earn 87% as much their federal counterparts at the trial court level, 83% as much as their federal counterparts at the intermediate level, and 78% as much as their federal counterparts at the highest level.
- 8. In Table 2, I present a comparison of New York state judges' salaries with salaries earned by judges in other states. In Column A, I list the unadjusted salaries for New York state judges at each level. In Column B, I list the average salaries for judges

<sup>&</sup>lt;sup>4</sup> That is, I have divided each state's COLI value by the average COLI value for all states and then multiplied the resulting value by 100. This transformation allows me to compare each state's COLI value to 100, and more easily compare each state's cost of living relative to the average across the U.S.

across all states. In Column C, I list the salary of New York state judges, adjusted for the higher cost of living in New York relative to the U.S. average. This adjustment is called a cost-of-living adjustment (COLA). In Column D, I calculate what the salary of New York state judges would be if New York judges were paid the average judicial salary (for all U.S. state judges), adjusted for different cost of living across states. These salaries are \$204,245 for trial court judges; \$218,204 for appellate judges, and \$226,922 for judges at the highest level court. Lastly, in Column E, I present the current New York salaries as a percentage of the cost-of-living-adjusted (COLA) U.S. average salaries. New York state judges earn 85% of the COLA U.S. average salary at the trial court level, 82% at the appellate court level, and 85% at the highest court level.

9. In Figures 1-3, I present the cost-of-living-adjusted salary paid to each state's judges. Figure 1 presents the salaries for general trial court judges; Figure 2 presents the salaries for the intermediate appellate court; Figure 3 presents the salaries for the highest court in each state. In each of these Figures, each bar represents the salary in one state. New York's bar is colored red; the national average salary is colored blue. In all cases, the salary paid in New York is among the lowest salaries paid in any state, and is substantially lower than the U.S. average salary, once you adjust for cost of living differences across states.

-

<sup>&</sup>lt;sup>5</sup> I obtain this value by dividing the raw salary of New York judges by 0.01 \* the COLI adjustment factor for New York.

<sup>&</sup>lt;sup>6</sup> I obtain this value by dividing the average salary across all states by 0.01 \* the COLI adjustment factor for New York.

Orley Ashenfelter 11/30/2015

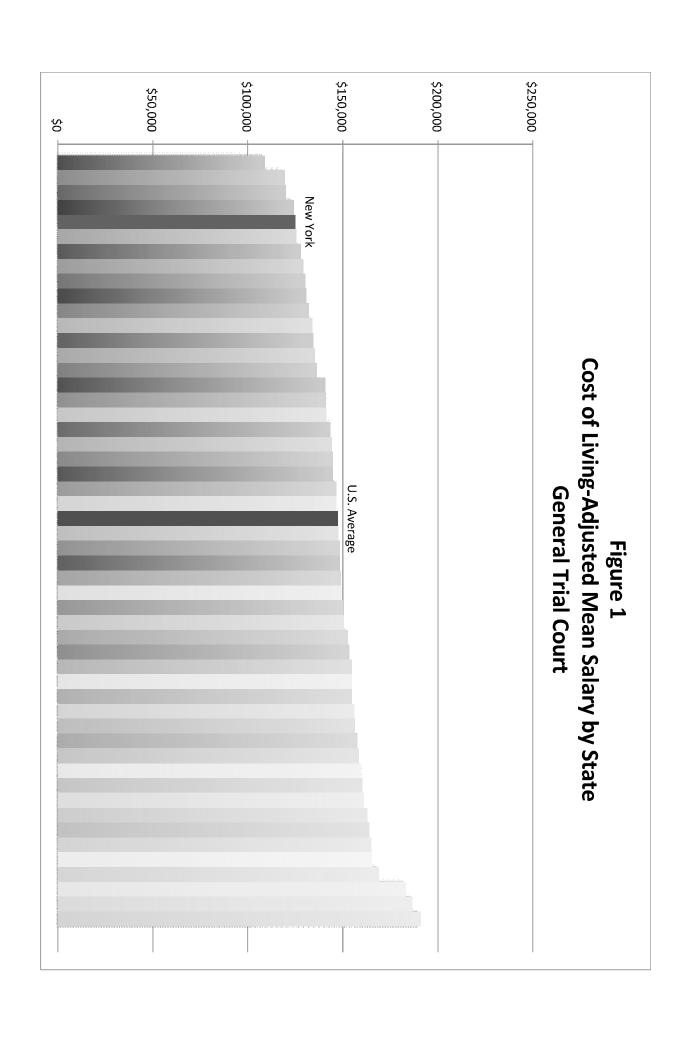
Table 1

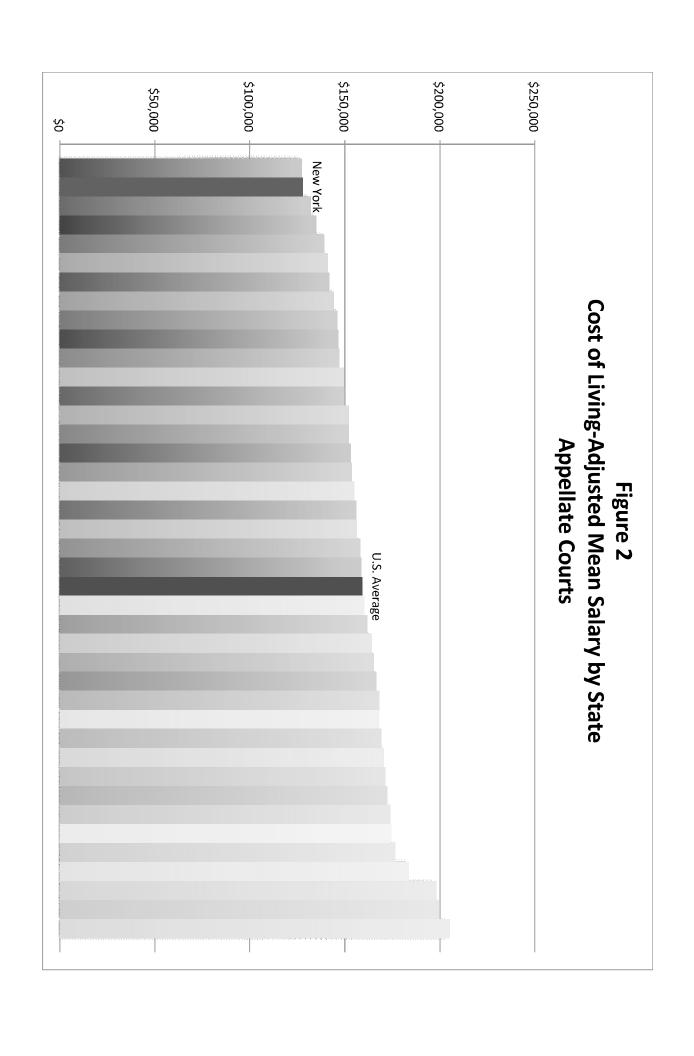
Comparison of New York State and Federal Judges' Salaries							
	General-	Intermediate					
	Jurisdiction	Appellate					
	<b>Trial Court</b>	Court	<b>Highest Court</b>				
New York	\$174,000	\$177,900	\$192,500				
Federal Court System	\$201,100	\$213,300	\$246,800				
NY Salaries as a % of							
Federal Salaries	87%	83%	78%				

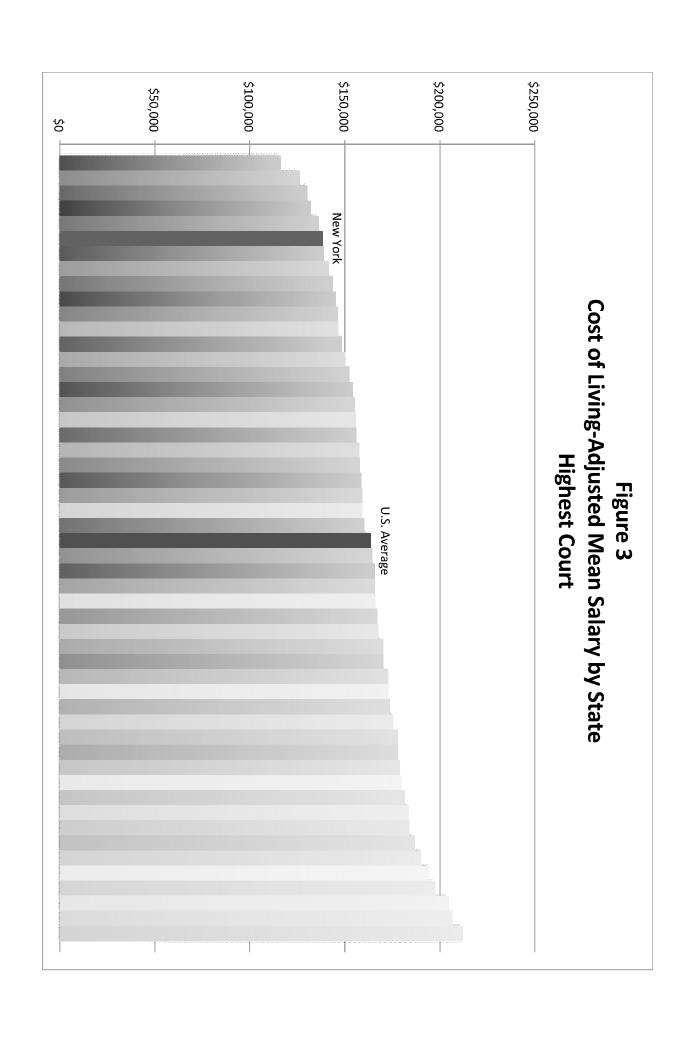
Table 2

Comparison of New York State Judicial Wages with All Other States							
	(A)	(B)	(C)	(D)	(E)		
	New York	Average SalaryAll	New YorkCost of Living	Salary Required to put New York judges at Average (COLA) U.S.	NY Salaries as a percentage of Average (COLA) U.S.		
	<b>Unadjusted Salary</b>	States	Adjusted (COLA) Salary	Salary	Salary		
General Jurisdiction Trial Court	\$174,000	\$146,847	\$125,101	\$204,245	85%		
Appellate Court	\$177,900	\$156,882	\$127,905	\$218,204	82%		
Highest Court	\$192,500	\$163,150	\$138,402	\$226,922	85%		

Note: New York's unadjusted salaries are divided by an adjustment factor of 1.39 to account for higher cost of living in New York than in the US on average. This adjustment factor is based on the re-centered Cost of Living Index (COLI) from the Counsel for Community and Economic Research.







# Attachment "2-B"

## APPENDIX A

## **Curriculum Vitae**

### **Curriculum Vitae**

NAME: Orley C. Ashenfelter

BUSINESS Industrial Relations Section

ADDRESS: Firestone Library

**Princeton University** 

Princeton, New Jersey 08544-2098

BUSINESS PHONE: 609-258-4040

FAX NUMBER: 609-258-2907

CURRENT Joseph Douglas Green 1895 Professor of Economics

POSITION:

And

Vice-President, 2015-16, Western Economic

Association International

Executive Committee, Law and Public Affairs,

**Princeton University** 

Scientific Advisory Committee, Graduate School of

Economics, Barcelona

Co-editor, Journal of Wine Economics

Advisory Board, Stanford University, Institute for

**Economic Policy Research** 

Advisory Board, Center for Economic Policy Studies,

**Princeton University** 

Editorial Board, *Journal of Cultural Economics* International Advisory Board, the *Economic and* 

Labour Relations Review

Editorial Board, the Australian Bulletin of Labour

PREVIOUS President, American Economic Association, 2011

POSITIONS: President, American Law and Economics Association, 2010

President, Society of Labor Economists, 2003

Section Editor, Economics, International Encyclopedia of the Social

and Behavior Sciences

Co-Editor, American Law and Economics Review, 1999-2005

Director, Industrial Relations Section, Princeton University

Co-editor, American Economic Review, 2001-2002.

Editor, American Economic Review, 1985-2001.

Meyer Visiting Research Professor, New York University School of Law, 1990.

Meeker Visiting Professor, University of Bristol, 1980-81.

Guggenheim Fellow, 1976-77.

Director, Office of Evaluation, U.S. Department of Labor, 1972-73.

Lecturer, Assistant Professor, and Associate Professor of Economics,

Princeton University, 1968-72.

EDUCATION: Claremont McKenna College, B.A. 1964

Princeton University, Ph.D. 1970

#### **AWARDS AND HONORS:**

Honorary Degree from Charles University, Czech Republic, January 15th, 2014.

Labor and Employee Relations Academic Fellow, 2010

Distinguished Fellow, American Economic Association, January, 2008.

Recipient of Karel Englis Honorary Medal, awarded by the Academy Council of the Academy of Science of the Czech Republic, May, 2007.

Society of Labor Economists' Jacob Mincer Award, June 4, 2005.

Corresponding Fellow of the Royal Society of Edinburgh, 2005.

IZA Prize in Labor Economics, 2003.

Doctor Honoris Causa, University of Brussels, November 29, 2002

Fellow, American Academy of Arts & Sciences, 1993-

Recipient of the Ragnar Frisch Prize of the Econometric Society, 1984.

Fellow, Econometric Society, 1977.

Guggenheim Fellowship, 1976-77.

#### **BOOKS:**

Statistics and Econometrics: Methods and Applications, (with Phillip Levine and David Zimmerman), New York: J. Wiley, 2003.

The Collected Essays of Orley C. Ashenfelter, Volumes I – III, (edited by Kevin Hallock), Cheltenham, England: Edward Elgar Publishing Limited, 1997.

Volume I Employment, Labor Unions, and Wages Volume II Education, Training, and Discrimination

Volume III Economic Institutions and the Demand and Supply of Labor

#### **PUBLIC LECTURES:**

Art Investment Forum, Shanghai, China, October 2013, "Trust and Transparency in the Art Market," Keynote Speech.

Shanghai Jiao Tong University, Antai College of Economics and Management, China, October 2013, "Comparing Real Wages".

Sotheby's Institute, London, May 2013, "Trust and Transparency in the Art Market" Plenary Lecture, Conference on Art Markets.

U.S. Department of Labor, November 2012, "History of Program Evaluation," presented at the 75th Anniversary Celebration and Conference.

Washington State University, March 2011, "McWages, Cross Country Comparison of Wages", 11<sup>th</sup> Annual Bertha C. and Roy E. Leigh Distinguished Lecture in Economics.

American Bar Association, December 2010, "Presentation, Conference on Labor Market Monopsony."

Yale University, November 2010, "Plenary Lecture, Conference on Empirical Legal Studies."

San Francisco Federal Reserve Board, July 2010, "Expert Opinion."

Brigham Young University, April 2010, "McWages, Cross Country Comparison of Wages."

Stanford University, March, 2010, "Labor Markets and Their Recovery."

Vanderbilt University, February 2010, "McWages, Cross Country

Comparison of Wages."

Law and Economics Workshop, University of California-Berkeley, Berkeley, California, November 16, 2009, "The Effect of Mergers on the Consumer Prices: Evidence from Five Mergers on the Enforcement Margin."

District of Columbia Circuit Conference of the Federal Courts, Nemacolin Woods, Pennsylvania, Conference of the Third Circuit Judicial Court of Appeals, June 8, 2006, "How Not to Lie with Statistics."

Stanford Institute for Economic Policy Research, Stanford University, Stanford, California, May 30, 2006, "McWages: Cross-Country Comparison of Wages."

The Economics of Art and Culture in Honor of Victor Ginsburg, June 17, 2005, Brussels, Belgium, "Efficiency and Inefficiency in the Market for Bordeaux Wines."

David Hume Institute Lecture, Edinburgh, Scotland, March 24, 20005. "The Evolution of the Global Labor Market: Change vs. Continuity."

J. Denis Sargan Lecture to the Royal Economietric Society, Nottingham, England, March 23, 2005, "The Value of a Statistical Life: Problems and Prospects."

Edmund Clarke Distinguished Lecture, October 15, 2004, Queens College, Ontario, "Evolution of the Global Labor Market: Change vs Continuity."

Wei Lun Lecture, December 14, 2000, The Chinese University of Hong Kong, "How Large Is the Economic Payoff to Education?"

Paul Hartman Memorial Lecture, November 1, 1995, University of Illinois at Champaign-Urbana, "How Credible is the Evidence Linking Education and Income?"

Jerome Levy Economics Institute Lecture, November 21, 1995, Bard College, "How Credible Are Estimates of the Economic Returns to Schooling?"

Ida Cordelia Beam Lecture, November 10, 1994, University of Iowa, "Does a College Degree Pay Off? Evidence from Data on Identical Twins."

42nd Joseph Fisher Lecture, October 12, 1993, Adelaide University, Adelaide, Australia, "How Convincing is the Evidence Linking Education and Income?"

Lecture to honor Gregg Lewis, October 29, 1992, Duke University, "The Economic Returns to Schooling from a New Sample of Twins."

George Seltzer Distinguished Lecture, October 6, 1991, Industrial Relations Center, University of Minnesota, "How Convincing Is The Evidence Linking Education and Income?"

University of Bristol, Bristol, England, December 6, 1990, "The Market for Fine Wine: Is It Economically Efficient or Is There a Sucker Born Every Minute"

#### **PUBLICATIONS:**

(with D. Hosken; M. C. Weinberg) "Did Robert Bork Understate the Competitive Impact of Mergers? Evidence from Consummated Mergers." August 2014, *Journal of Law and Economics*, Vol. 57, No. S3. The Contributions of Robert Bork to Antitrust Economics, pp. S67-S100, The University of Chicago Press for The Booth School of Business of the University of Chicago and The University of Chicago Law School.

"The early history of program evaluation and the department of labor." May 2014, Special Issue: U.S. Department of Labor Centennial, *Industrial and Labor Relations Review*, 67 Supplement, 574-577.

(with Hosken, Daniel; Weinberg, Matthew) "Corrigendum: the price effects of a large merger of manufacturers: A case study of Maytag Whirlpool." February 2014, *American Economic Journal: Economic Policy*, 6(1), 308-309.

(with Bloom, David E. and Dahl, Gordon B.). "Lawyers as Agents of the Devil in a Prisoner's Dilemma Game." Princeton University Industrial Relations Section Working Paper #270, NBER Working Paper No. 4447, September, 1993. September 2013, *Journal of Empirical Legal Studies* 10(3): 399-423.

(with Jones, Gregory). "The Demand for Expert Opinion: Bordeaux Wine". December 2013, *Journal of Wine Economics*, 8, pp 285-293.

(with Hosken, Daniel; Weinberg, Matthew) "The price effects of a large merger of manufacturers: A case study of Maytag-Whirlpool", February 2013, *American Economics Journal: Economic Policy*, 5(1), 239-261.

"Comparing real wage rates: Presidential address", National Bureau of Economic Research, Inc. Working Papers: 18006. *American Economic Review*, April 2012, 102(2), 617-642.

(with Gordon Dahl) "Bargaining and the role of expert agents: An empirical study of final-offer arbitration." *Review of Economics and Statistics*, February 2012, 94(1), 116-132.

(with Kathryn Graddy) *A Handbook of Culutural Economics*, Second Edition, Chapter 2 "Art Auctions", August 2011

"Foreward", American Economic Review, May 2011, v. 101, iss. 3, pp. x-xi

(with Kathryn Graddy) "Sale Rates and Price Movements in Art Auctions", *American Economic Review*, May 2011, v. 101, iss. 3, pp. 212-16

(with Hosken, Daniel; Vita, Michael; Weinberg, Matthew) "Retrospective Analysis of Hospital Mergers", *International Journal of the Economics of Business*, February 2011, v. 18, iss. 1, pp. 5-16

(with Kirk Doran and Bruce Schaller) "A Shred of Credible Evidence on the Long-run Elasticity of Labour Supply", *Economica*, October 2010, Vol. 77, issue 308, pages 637-650

"George E. Johnson", *Journal of Wine Economics*, vol. 5, no. 1, pg. 217, 2010

(with D. Hosken) "The Effect of Mergers on Consumer Prices: Evidence from Five Selected Case Studies", *Journal of Law and Economics*, August 2010, v. 53, iss. 3, pp. 417-66

(with K. Storchmann) "Measuring the Economic Effect of Global Warming on Viticulture Using Auction, Retail, and Wholesale Prices," *Review of Industrial Organization*, 2010, vol. 37, no. 1, 51-64

(with K. Storchmann) "Using Hedonic Models of Solar Radiation and weather to Assess the Economic Effect of Climate Change: The Case of Mosel Valley Vineyards, "*Review of Economics and Statistics*, May 2010, Vol. 92, No. 2, Pages 333-349

(with Henry Farber; Michael Ransom) "Labor Market Monopsony," *Journal of Labor Economics*, April 2010, v. 28, iss. 2, pp. 203-10

"Predicting the Quality and Prices of Bordeaux Wine," *Journal of Wine Economics*, Spring 2010, v. 5, iss. 1, pp. 40-52

(with John Pencavel) "Albert Rees and the 'Chicago School of Economics," in *Elgar Companion to the Chicago School of Economics*, edited by Ross B. Emmett, Edward Elgar, 2010.

(with Daniel Hosken and Matthew Weinberg) "Generating Evidence to Guide Merger Enforcement," in *Global Competition Policy*, vo. 5, no. 1, Spring 2009.

(with Richard E. Quandt and George M. Tabor) "Wine-Tasting Epiphany: An Analysis of the 1976 California vs. France Tasting," in *Wine and Philosophy*, edited by Fritz Allhoff, November 2007.

(with Stephen Ciccarella and Howard J. Schatz) "French Wine and the U.S. Boycott of 2003: Does Politics Really Affect Commerce?" July 2007, National Bureau of Economic Research Working Paper #13258. *Journal of Wine Economics*, Volume 2, No. 1, Spring 2007.

(with Kathryn Graddy) "Art Auctions" *Handbook of the Economics of Art and Culture*, edited by Victor Ginsburgh and David Throsby (Oxford, UK: Elsevier), vol. 1, 2006.

(with W. J. Collins and A.Yoon) "Evaluating the Role of Brown v. Board of Education in School Equalization, Desegregation and the Income of African Americans," *American Law and Economics Review*, vol. 8, no. 2, Summer 2006.

(with David Ashmore, Jonathan B. Baker, Suzanne Gleason and

Daniel S. Hosken) "Empirical Methods in Merger Analysis: Econometric Analysis of Pricing in FTC v. Staples," *International Journal of the Economics of Business*, vol. 13, no. 2, July 2006. Reprinted in *Recent Developments in Monopoly and Competition Policy*, edited by George Norman (Edward Elgar Publishers: Cheltenham, UK) January 2008.

"George M. Tabor, Judgment of Paris: California vs. France and the Historic 1976 Paris Tasting That Revolutionized Wine," *Journal of Wine Economics*, vol. 1. no. 1 (Spring) 2006.

"Measuring the Value of a Statistical Life: Problems", *The Economics Journal*, vol. 118 (March) 2006.

(with Alan Krueger) "Estimates of the Economic Return to Schooling from a New Sample of Twins," in *Quantitative Social Science*, edited by Jacqueline Scott and Yu Xie, volume 1, part 6, October 2005.

"Predicting the Quality and Prices of Bordeaux Wines," in *Statistics: A Guide to the Unknown*, 4th edition, edited by Roxy Peck, et al., (Stamford, CT: Thomson), March 2005. Reprinted in the *Economic Journal*, vol. 118, no. 529, June, 2008. Reprinted in the *Journal of Wine Economics*, vol. 5, no. 1, 2010.

(with Kathryn Graddy) "Anatomy of the Rise and Fall of a Price-Fixing Conspiracy: Auctions at Sotheby's and Christies'" *Journal of Competition Law & Economics*, vol. 1, no. 1, March 2005.

(with David Ashmore and Olivier Deschenes) "Do Unemployment Insurance Recipients Actively Seek Work? Evidence From Randomized Trials in Four U.S. States," *Journal of Econometrics*, vol. 125, no. 1, March 2005.

(with Junsen Zhang) "Introduction: The Chinese Labor Market: New Quantitative Studies," *Pacific Economic Review*, vol. 9, no. 3, October 2004.

(with Michael Greenstone), "Estimating the Value of a Statistical Life: The Importance of Omitted Variables and Publication Bias," *American Economic Association Papers and Proceedings*, vol. 94, no. 2, May 2004.

(with Michael Greenstone) "Using Mandated Speed Limits to Measure the Value of a Statistical Life," *Journal of Political Economy*, vol. 112, no. S1, February 2004.

(with Kathryn Graddy) "Auctions and the Price of Art," *Journal of Economic Literature*, vol. 41, no. 3, September 2003.

(with Victor Ginsburgh) "Economists Argue the Payments Are Unfair," *The Art Newspaper*, October 2003.

"Art Auctions," in *Handbook of Cultural Economics*, edited by Ruth Towse (Edward Elgar Publishers: Cheltenham, UK) May 2003.

(with David Card) "Did the Elimination of Mandatory Retirement Affect Faculty Retirement Flows?" *American Economic Review*, vol. 92, no. 4, September 2002.

"Comment on the Age Discrimination Example," *Jurimetrics Journal*, vol. 42, Spring 2002.

(with John Abowd) "Using Price Indicies and Sale Rates to Assess Short Run Changes in the Market for Impressionist and Contemporary Paintings," in *The Economics of Art Auctions*, Edited by G. Mosetto and M. Vecco, (Milan: F. Angeli Press, 2002).

"Economics Overview," in *International Encyclopedia of Economics*, (Oxford, UK: Elsevier Science Ltd., December 2001).

(with Alessandro Corsi) "Predicting Italian Wines Quality From Weather Data and Expert 'Ratings'," *Cahier Scientifique de 'Observatoire des Conjonctures Vincoles Europeenenes*, no. 4, July 2001.

(with Karl Storchmann) "The Quality of Vineyard Sites in the Mosel Valley of Germany," *Cahier Scientifique de 'Observatoire des Conjonctures Vincoles Europeenenes*, no. 4, July 2001.

(with Dean Hyslop) "Measuring the Effect of Arbitration on Wage Levels: The Case of Police Officers," *Industrial and Labor Relations Review*, vol. 54, no. 2, January 2001.

(with Phillip B. Levine) "Unemployment Insurance Appeals in the State of Wisconsin: Who Fights and Who Wins?" *Research in Employment Policy*, vol. 2, 2000; *Long-Term Unemployment and Reemployment Policies*, Volume 2, edited by Laurie J. Bassi and Stephen Woodbury, (Stamford, CT: JAI Press.)

"Liquid Assets," *Optimus: The Magazine for the Private Investor*, vol. 2, 2000.

(with Gregory Jones) "The Demand for Expert Opinions: Bordeaux Wine," *Cahier Scientifique de 'Observatoire des Conjonctures Vincoles Europeenenes*, no. 3, March 2000.

"Orley Ashenfelter," in *Exemplary Economists*, Volume 1, edited by Roger E. Backhouse and Roger Middleton, (Cheltenham, United Kingdom: Edward Elgar Publishing, Ltd. 2000).

(with Cecilia Rouse) "Schooling, Intelligence, and Income in America: Cracks in the Bell Curve," *Meritocracy and Inequality*, edited by Kenneth Arrow, Steven Durlauf, and Samuel Bowles, (Princeton, NJ: Princeton University Press, 2000).

(with Colm Harmon and Hessel Oosterbeek) "A Review of Estimates of the Schooling/Earnings Relationship, with Tests for Publication Bias," *Labour Economics*, vol. 6, 1999.

"Paul Samuelson Teaching Federal Judges," *Journal of Economics Education*, vol. 30, no.4, Fall 1999.

(with Richard E. Quandt) "Analyzing a Wine Tasting Statistically (Wherein we rigorously analyze the famous 1976 Paris Tasteoff!)," *Chance*, vol. 12, no. 3, Summer 1999.

"Arbitration," in *The New Palgrave Dictionary of Economics and the Law*, edited by Peter Newman, (London, United Kingdom: Macmillian Reference Ltd., 1998).

(with Cecilia Rouse) "Income, Schooling and Ability: Evidence From A New Sample of Identical Twins," The *Quarterly Journal of Economics*, vol. 113, no. 1, February 1998, reprinted in *Income Distribution*, edited by Michael Sattinger, (Cheltenham, England: Edward Elgar Publishing Ltd., 2001).

(with David Ashmore and Randall Filer) "Contract Form and Procurement Costs: The Impact of Compulsory Multiple Contractor Laws in Construction," *Rand Journal of Economics*, vol. 28, no. 0, 1997, S5-S16.

(with David Zimmerman) "Estimates of the Returns to Schooling From Sibling Data: Fathers, Sons, Brothers," *The Review of Economics and Statistics*, vol. 79, no. 1, February 1997.

(with Robert LaLonde) "The Economics of Training," in *The Human Resource Management Handbook*, edited by David Lewin, Daniel Mitchell, and Mahmood Zaidi, (JAI Press, 1997).

(with Kevin Hallock) "Bibliography," in Labor Market Discrimination, Labor Mobility, and Compensating Wage Differentials: Labor Economics, Volume IV, (Cheltenham, England: Edward Elgar Publishing Ltd., 1995).

(with David Ashmore and Robert LaLonde) "Wine Vintage Quality and the Weather: Bordeaux," *Chance*, Fall 1995.

(with Theodore Eisenberg and Stewart Schwab) "Politics and the Judiciary: The Influence of Judicial Background on Case Outcomes," *Journal of Legal Studies*, vol. 24, no. 2, June 1995.

(with Ray Byron) "Predicting the Quality of the Unborn Grange," *The Economic Record*, Australia, vol. 71, no. 212, March 1995: 40-53.

(with Alan Krueger) "Estimates of the Economic Return to Schooling From A New Sample of Twins," *American Economic Review*, vol. 84, no. 5, December 1994. Reprinted in SAGE Benchmarks in Social Research Methods

"Have We Underinvested in Education?," *The Changing Distribution of Income in an Open U.S. Economy*, edited by Jeffrey Bergstrand, Thomas Cosimano, John Houck and Richard Sheehan, (North-Holland Publishing, 1994).

"How Convincing is the Evidence Linking Education and Income?" *Labour Economics and Productivity*, vol. 6, (1994) pp. 1-12. *In Australia's Economy in its International Context*, Volume 2 1950-

2001, edited by Kym Anderson, (Adelaide, Australia: Centre for International Economic Studies, 2001), 366-374.

(with Janet Currie, Henry S. Farber and Matthew Spiegel) "An Experimental Comparison of Dispute Rates in Alternative Arbitration Systems," *Econometrica*, vol. 60, no. 6, November 1992: 1407-1433.

(with David Genesove) "Testing For Price Anomalies in Real Estate Auctions," *American Economic Review*, vol. 82, no. 2, May 1992, 501-505.

(with Ronald L. Oaxaca) "Labor Market Discrimination and Economic Development," in *Unfair Advantage Labor Market Discrimination in Developing Countries*, edited by Nancy Birdsall and Richard Sabot, (Washington, DC: The World Bank, 1991): 35-53.

(with Janet Currie) "Negotiator Behavior and the Occurrence of Disputes," *American Economic Review*, vol. 80, no. 2, May 1990: 416-20.

"Albert Rees: Teacher, Scholar, Public Servant," *Journal of Labor Economics*, vol. 8, no. 2, Part 2, January 1990, S1-S3.

(with Mark W. Plant) "Non-Parametric Estimates of the Labor Supply Effects of Negative Income Tax Programs," *Journal of Labor Economics*, vol. 8, no. 1, Part 2, January 1990.

"Evidence on U.S. Experiences with Dispute Resolution Systems," in *Organized Labor at the Crossroads*, edited by Wei-Chiao Huang, (Kalamazoo, Michigan: W.E. Upjohn Institute, 1989).

"How Auctions Work for Wine and Art," *Journal of Economic Perspectives*, vol. 3, no.3, Summer 1989, 23-36.

(with Ronald Oaxaca) "The Economics of Discrimination: Economists Enter the Courtroom," *American Economic Review*, vol. 77, no. 2, May 1987, 321-25.

"The Case for Evaluating Training Programs with Randomized Trials," *Economics of Education Review*, vol. 6, no. 4, 1987, 333-338.

- "Arbitration and Negotiation Process," *American Economic Review*, vol. 77, no. 2, May 1987, 342-46.
- (with D. Sullivan) "Nonparametric Tests of Market Structure: An Application to the Cigarette Industry," *Journal of Industrial Economics*, vol. 35, no. 4, June 1987, 483-98.
- (with T. Hannan) "Sex Discrimination and Market Concentration: The Case of the Banking Industry," *Quarterly Journal of Economics*, vol. C1, Issue 1, February 1986, 149-73.
- (with J. Brown) "Testing the Efficiency of Employment Contracts," *Journal of Political Economy*, vol. 94, no. 3, 1986, S40-S87.
- (with D. Card) "Why Have Unemployment Rates in Canada and the United States Diverged?" *Economica*, vol. 53, 1986, S171-S195.
- (with D. Card) "Using the Longitudinal Structure of Earnings to Estimate the Effect of Training Programs," *Review of Economics and Statistics*, vol. 67, no. 4, 1985, 648-60.
- "Macroeconomic Analyses and Microeconomic Analyses of Labor Supply," *Carnegie-Rochester Conference Series on Public Policy*, vol. 21, 1984, 117-56.
- (with D. Bloom) "Models of Arbitrator Behavior: Theory and Evidence," *American Economic Review*, vol. 74, no. 1, March 1984, 111-24.
- (with D. Bloom) "The Pitfalls in Judging Arbitrator Impartiality by Win-Loss Tallies Under Final Offer Arbitration," *Labor Law Journal*, vol. 34, no. 8, August 1983, 534-39; reprinted in Proceedings of the 1983 Spring Meeting of the Industrial Relations Research Association.
- "Determining Participation in Income-Tested Social Programs," *Journal of the American Statistical Association*, vol. 78, no. 383 *Evaluation Studies Review Annual*, vol. 10, 1985. September 1983, 517-25, reprinted in L. Aiken and B. Kehrer,
- (with J. Abowd), "Compensating Wage and Earnings Differentials for Employer Determined Hours of Work," August, 1983.

- (with R. Layard) "Incomes Policy and Wage Differentials," *Economica*, vol. 50 May 1983, 127-43.
- "The Withering Away of a Full Employment Goal," *Canadian Public Policy*, vol. 9, no. 1, March 1983, 114-25.
- (with D. Card) "Time-Series Representation of Economic Variables and Alternative Models of the Labor Market," *Review of Economic Studies*, vol. 49, Special Issue, 1982, 761-81; reprinted in *Foundations of Probability, Econometrics and Economic Games*, edited by Omar F. Hamouda and J. C. Rowley.
- (with G. Solon) "Employment Statistics: The Interaction of Economics and Policy," The *American Economic Review*, vol. 77, no. 2, May 1982, 233-236.
- (with G. Solon) "Longitudinal Labor Market Data: Sources, Uses and Limitations," in *What's Happening to American Labor Force and Productivity Measurements?*, National Council on Employment Policy, 1982; revised as Industrial Relations Section Working Paper No. 155, September 1982.
- "The Economic Impact of an Older Population: A Brief Survey," in *Aging: A Challenge to Science and Society*, vol. 2 of *Medicine and Social Science*, (Oxford: Oxford University Press, 1981): 333-40.
- (with J. Abowd) "Anticipated Unemployment, Temporary Layoffs, and Compensating Wage Differentials," in *Studies in Labor Markets*, edited by Sherwin Rosen, (Chicago: University of Chicago Press for the National Bureau of Economic Research, 1981), 141-70.
- (with J. Altonji) "Wage Movements and the Labour Market Equilibrium Hypothesis," *Economica*, vol. 47, no. 187, August 198: 217-45.
- "Commentary on Firm Size, Market Structure and Worker Satisfaction," in *The Economics of Firm Size, Market Structure and Social Performance*, edited by J. Siegfried, 1980.
- "Unemployment as Disequilibrium in a Model of Aggregate Labor Supply," *Econometrica*, vol. 48, no. 3, April 1980, 217-245.

"Estimating the Effect of Training Programs on Earnings," *Review of Economics and Statistics*, vol. 60, no. 1, February 1978, 47-57; reprinted in *Evaluating Manpower Training Programs*, edited by F. Bloch, 1979; and in *Evaluation Studies Review Annual*. vol. 5 edited by Stromsdorfer and Farkus, 1980.

(with J. Ham) "Education, Unemployment and Earnings," *Journal of Political Economy*, vol. 87, no. 51, October 1979, S99-S116.

(with M. Abbott) "Labour Supply, Commodity Demand, and the Allocation of Time Correction," *Review of Economic Studies*, vol. 46, July 1979, 576-79.

(with R. Smith) "Compliance with the Minimum Wage Law," *Journal of Political Economy*, vol. 87, no. 21, April 1979, 330-50.

"What Do Teenage Unemployment Statistics Measure?" Supplementary Papers from the Conference on Youth Unemployment: Its Measurement and Meaning, Washington, DC: US Government Printing Office, October 1978, 37-55.

"What Do Teenage Unemployment Statistics Measure?" Supplementary Papers from the Conference on Youth Unemployment: Its Measurement and Meaning, Washington, DC: US Government Printing Office, October 1978, 37-55.

"Current European Manpower Policies, July 1978" and "Some Highlights of Papers from the Conference on European Manpower Policies," in *European Labor Market Policies*, National Commission for Manpower Policy, Special Report No. 27, September 1978, 5-26.

"What is Involuntary Unemployment?" in *Proceedings of the American Philosophical Society*, vol. 122, no. 3 June 1978, 135-38.

Union Relative Wage Effects: New Evidence and a Survey of Their Implications for Wage Inflation," in *Econometric Contributions to Public Policy*, edited by R. Stone and W. Peterson, (New York: St. Martins Press, 1978), 31-63.

"Evaluating the Effects of the Employment Tax Credit," in Conference Report on Evaluating the 1977 Economic Stimulus Package, (Washington, DC: US Government Printing Office, 1978). "The Labor Supply Response of Wage Earners," in *Welfare in Rural Areas: North Carolina-Iowa Income Maintenance Experiment*, edited by J. Palmer and J. A. Pechman, (Washington: Brookings Institution, 1978), 109-48.

"Unemployment as a Constraint on Labor Market Behavior," in *Contemporary Economic Analysis*, edited by M. J. Artis and A. R. Nobay, (London: Croon Helm for the Association of University Teachers of Economics, 1978), 149-81.

"Demand and Supply Functions for State and Local Employment: Implications for Public Employment Programs," in *Essays in Labor Market Analysis*. *In Memory of Yochanan Peter Comay*, edited by O. Ashenfelter and W. Oates, (New York: John Wiley & Sons, 1978), 1-16.

"Will the Real Conventional Theory of Income Distribution Please Stand Up?" *Social Science Quarterly*, vol. 58, no. 1, June 1977, 147-50.

"Comments on 'Black/White Male Earnings and Employment," in *The Distribution of Economic Well-Being*, edited by F. T. Juster, (Cambridge, MA: Ballinger Publishing Co. for the National Bureau of Economic Research, 1977), 296-98.

(with M. Abbott) "Labour Supply, Commodity Demand, and the Allocation of Time," *Review of Economic Studies*, vol. 43, October 1976, 389-411.

Comment on "Does the Contract Compliance Program Work?" in *Industrial and Labor Relations Review*, vol. 29, no. 4, July 1976, 577-80.

(with J. Pencavel) "A Note on Measuring the Relationship Between Changes in Earnings and Changes in Wage Rates," *British Journal of Industrial Relations*, vol. 14, no. 1, March 1976, 70-76.

"Notes on the Interpretation of Urban Density Functions," *The Journal of Urban Economics*, vol. 3, January 1976, 82-87.

(with J. Heckman), "Measuring the Effect of an Antidiscrimination

Program," in *Evaluating the Labor Market Effects of Social Programs*, edited by O. Ashenfelter and J. Blum, (Princeton, NJ: Princeton University Press, 1976), 46-89.

(with J. Pencavel) "Estimating the Effects on Cost and Price of the Elimination of Sex Discrimination: The Case of Telephone Rates," in *Some New Perspectives on Equal Employment Opportunity: The A.T. & T. Case*, edited by Phyllis Wallace, (Cambridge, MA: MIT Press, 1976), 111-22.

(with S. Kelley) "Determinants of Participation in Presidential Elections," *Journal of Law and Economics*, vol.18, no. 3, December 1975, 695-733.

(with J. Pencavel) "Wage Changes and the Frequency of Wage Settlements," *Economica*, May 1975, 162-70.

"The Effect of Manpower Training on Earnings: Preliminary Results," Proceedings of the 27th Annual Meeting of the Industrial Relations Research Association, 1974, reprinted in *Monthly Labor Review*, April 1975.

(with R. Ehrenberg) "The Demand for Labor in the Public Sector," in Labor in the Public and Nonprofit Sectors, edited by D. Hamermesh, (Princeton, NJ: Princeton University Press, 1975), pp. 55-84; condensed and reprinted in Public Sector Labor Relations: Analysis and Readings, edited by D. Lewin, et al., (Glen Ridge, NJ: Thomas Horton and Daughters. 1977), 30-36.

"Blacks and Trade Unionism," Integrateducation, May-June 1975: 53-59; from a transcript of Hearings before the New York Commission on Human Rights, May 1974.

"Comments on 'Labor Market Discrimination: Analysis, Findings, and Problems," in Volume 2 of *Frontiers of Quantitative Economics*, edited by M. Intriligator and D. Kendrick, (Amsterdam: North Holland Press, 1974), 556-59.

(with J. Heckman) "The Estimation of Income and Substitution Effects in a Model of Family Labor Supply," *Econometrica*, vol. 42, no. 1, January 1974, 73-85.

"Comment on 'Child Quality and the Demand for Children," *Journal of Political Economy*, vol. 81, no. 2, March-April 1973, pp. S96-S98; reprinted in *Economics of the Family*, edited by T. W. Schultz, 1974.

"Discrimination and Trade Unions," in *Discrimination in Labor Markets*, edited by O. Ashenfelter and A. Rees, (Princeton, NJ: Princeton University Press, 1973), 88-112; reprinted in *Readings in Labor Economics and Labor Relations*, edited by Reynolds, Masters and Moser, 1974, 432-443.

(with J. Heckman) "Estimating Labor Supply Functions," in *Income Maintenance and Labor Supply*, edited by G. Cain and H. Watts, (Madison, WI: University of Wisconsin Institute on Poverty Research, 1973, 265-78.

(with J. Pencavel) "American Trade Union Growth, 1900-1960: A Rejoiner," *Quarterly Journal of Economics*, vol. 86, no. 4, November 1972, 691-2.

(with G.E. Johnson) "Unionism, Relative Wages, and Labor Quality in U.S. Manufacturing Industries," *International Economic Review*, vol. 13, no.3, October 1972, 488-508.

"Racial Discrimination and Trade Unionism," *Journal of Political Economy*, vol. 8, no. 3, May-June 1972, 435-64.

(with G.E. Johnson and J. H. Pencavel) "Trade Unions and the Rate of Change of Money Wages in U.S. Manufacturing," *The Review of Economic Studies*, vol. 39, no. 1, January 1972, 27-54.

(with L. Godwin) "Some Evidence on the Effect of Unionism on the Average Wage of Black Workers Relative to White Workers, 1900-1967," Proceedings of the 24th Annual Winter Meeting of the Industrial Relations Research Association, 1971, 217-24.

(with M.K. Taussig) "Discrimination and Income Differentials: Comment," *American Economic Review*, vol. 61, no. 4, September 1971, 746-50.

"The Effect of Unionization on Wages in the Public Sector: The Case of Fire Fighters," *Industrial and Labor Relations Review*, vol. 24, no. 2, January 1971, 191-202.

"Changes in Labor Market Discrimination Over Time," *The Journal of Human Resources*, vol. 5, no. 4, Fall 1970, 403-30.

(with J. H. Pencavel) "American Trade Union Growth," *Quarterly Journal of Economics*, vol. 83, August 1969, 434-48.

(with G.E. Johnson) "Bargaining Theory, Trade Union, and Industrial Strike Activity," *American Economic Review*, vol. 59, no. 1, March 1969, 35-49; reprinted in Bobbs-Merril Reprint Series in *Economics*.

"Some Statistical Difficulties in Using Dummy Dependent Variables," Appendix A in *The Economics of Labor Force Participation*, edited by W.G. Bowen and T.A. Finegan, (Princeton, NJ: Princeton University Press, 1969), 644-48.

(with J.D. Mooney) "Some Evidence on the Private Returns to Graduate Education," *Southern Economic Journal*, vol. 35, no. 3, January 1968, 247-56, reprinted in *Human Capital Formation and Manpower Development*, edited by R. Wykstra, 1971.

(with J.D. Mooney) "Graduate Education, Ability and Earnings," *Review of Economics and Statistics*, vol. 50, no. 1, February 1968, 78-86.

(with Wm. Pierce) "Industrial Conflict: The Power of Prediction," *Industrial and Labor Relations Review*, vol. 20, October 1966, 92-95.

#### **BOOKS EDITED:**

(with David Card) *Handbook of Labor Economics*, Volume IV A & B, (Elsevier Science, North Holland, 2010).

(with Radha Iyengar) "Economics of Commercial Arbitration and Dispute Resolution", 2009, pp. ix-xv, An Elgar Reference Collection. Economic Approaches to Law, vol. 21. Cheltenham, U.K. and Northampton, Mass.: Elgar

(with D. Card) *Handbook of Labor Economics*, Volumes I - III, (Elsevier Science, North Holland, 1999).

Worth Series in Outstanding Contributions: Labor Economics, (Worth Publishing Inc., New York, NY, 1999).

(with R. LaLonde) *The Economics of Training I and II*, (Edward Elgar Publishing Limited, Cheltenham, England, 1996).

(with Kevin Hallock) *Labor Economics, Volumes I - IV*, (Edward Elgar Publishing Limited, Cheltenham, England, 1995).

Volume I -- Labor Supply and Demand Volume II -- Employment, Wages, and

Education

Volume III -- Unemployment, Trade Unions,

and Dispute

Resolution

Volume IV -- Labor Market Discrimination,

Labor Mobility, and Compensating

Wage

"Discussion," in *Lessons From the Income Maintenance Experiments*, edited by A. H. Munnel, (Federal Reserve Bank of Washington and Brookings Institution, 1986).

(with L. J. Bassi) "The Effect of Direct Job Creation and Training Programs on Low Skilled Workers," in *Fighting Poverty: What Works and What Doesn't*, S. H. Danzinger and D. H. Weinberg, (Cambridge, MA: Harvard University Press, 1986), 133-51.

(with R. Layard) *Handbook of Labor Economics*, 2 Volumes, (Amsterdam: North Holland Press, 1986). Translated to Spanish.

(with W. Oates) Essays in Labor Market Analysis. In Memory of Yochanan Peter Comay. (New York: John Wiley & Sons for Halsted Press, 1978).

(with L. Hausman, B. Rustin, R. Schubert and D. Slaiman) *Equal Rights and Industrial Relations*. (Industrial Relations Research Association, 1977).

(with J. Blum) *Evaluating the Labor Market Effects of Social Programs*. (Princeton, NJ: Princeton University Industrial Relations Section, 1976).

(with W.G. Bowen) *Labor and the National Economy*. Revised edition, (New York: W.W. Norton, 1975).

(with A. Rees) *Discrimination in Labor Markets*. (Princeton, NJ: Princeton University Press).

#### **BOOKS REVIEWED:**

"Economic history or history of economics?" *Review of Grand Pursuit: The Story of Economic Genius*, Center for Economic Policy Studies, Working Papers: 1365. *Journal of Economic Literature*, March 2012, 50(1), 96-102.

Review of *Last Call: The Rise and Fall of Prohibition* by Daniel Okrent, *Journal of Wine Economics*, Volume 5, Issue 2, Pages 339–347. Also Barron's October 4, 2010, 90(40), 40-40.

Review of *In Search of Bacchus* by George M. Taber, *Barron's* October 5, 2009, 89(40), 40-40.

Review of *The Billionaire's Vinega*r by Benjamin Wallace, *Barron's* July 7, 2008.

Review of *Wine into Words: A History and Bibliography of Wine Books in the English Language* by James M. Gabler, *Journal of Wine Economics*, vol. 2, no. 2, (Fall 2007), 213-225

Review of *Judgment of Paris* by George Taber, *Barron's* September 5, 2005.

Review of *Hollywood Economics* by Arthur DeVany. *Barron's* December 6, 2004.

Review of *The Far Side of Eden* by James Conaway. *Barron's* May 11, 2003.

Review of *The Future of Success* by Robert B. Reich. *Financial Times* (London), February 27, 2001.

Review of *The National Supported Work*Demonstration by R. Hollister, et al. *Journal of*Economic Literature, 24 (September 1986), 1268-70.

Review of *Dangerous Currents* by L. Thurow. *National Review* (April 6, 1984), 53-55.

Review of Jobs for Disadvantaged Workers: The Economics of Employment Subsidies by R. Haveman and J.L. Palmer. Journal of Economic Literature, 21 (September 1983), 1039-41.

Review of *Collective Bargaining and Industrial Relations* by T.A. Kochan. *Industrial Relations*, 21, (Winter 1982), 73-78.

Review of *The Regulatory Process and Labor Earnings* by R. Ehrenberg. *Journal of Political Economy*, 89, (June 1981), 601-03.

Review of *Union Growth and the Business Cycle* by G.S. Bain and F. Elsheikh. *Economica*, 45, (August 1978), 319-320.

Review of *Economic Forecasting* by H. O. Stekler. *Journal of Finance*, 26, (June 1971), 816-17.

Review of *Still a Dream: The Changing Status of Blacks Since 1960* by Sar Levitan, et al. *Monthly Labor Review*, 98 (December 1975), 66-67.

Review of *Patterns of Racial Discrimination* by G. von Furstenburg, et al. *Journal of Economic Literature* (December 1975), 1372-74.

#### **UNPUBLISHED PAPERS:**

(with K. Storchmann) "Wine and Climate Change"

AAWE working paper No. 152, Economics, March 2014.

(with K. Graddy) "Regularities and Anomalies in Art Auctions" March 2003.

(with K. Graddy and M. Stevens) "A Study of Sale Rates and Prices in Impressionist and Contemporary Art Auctions," October, 2000.

(with S. Jurajda) "Cross-Country Comparisons of Wage Rates: The Big Mac Index," August 2000.

(with C. Rouse) "The Payoff to Education," August 1999.

(with N. Thurston) "Mink Markets: Price Determination, Pre-Sale Valuation and Seller-Specific Effects," Instituto y Universidad Torcuato Di Tella Seminar, September 1998.

(with P. B. Levine and S. Skeath) "Practicing Safe Game Theory: An Empirical Test of a Prisoners' Dilemma in Unemployment Insurance Disputes," July 1998.

(with D. Ashmore, J.B. Baker and S. M. McKernan) "Identifying The Firm-Specific Cost Pass-Through Rate," Federal Trade Commission, Bureau of Economics, Working Paper No. 217.

(with A. Papandreou and N. Papandreou) "Weather and the Quality of the Vintage for Greek Red Wines," October, 1997.

"The Hedonic Approach to Vineyard Site Selection," September, 1997.

(with K. Graddy) "An Empirical Study of Sale Rates and Prices in Impressionist and Contemporary Art Auctions," August, 1997.

(with J. Dow, D. Gallagher and D. Hyslop) "Arbitrator and Negotiator Behavior Under an Appellate System," August 1997.

(with C. Rouse) "How Convincing Is The Evidence Linking Education and Income?" October, 1995.

(with J. Waldfogel) "Bargaining in the Shadow of the Judge: Empirical Tests," Prepared for the American Association of the Advancement of Science, Boston, February 11-16, 1993.

(with J. Abowd) "Art Auctions: Price Indexes and Sale Rates for Impressionist Paintings," January 1988.

(with D. Card) "Using Longitudinal Data to Estimate Reemployment Effects of the Minimum Wage," Draft, (May, 1981).

"Minority Employment Patterns" 1966, Prepared for the U.S. Equal Employment Opportunity Commission and OMPER of the Department of Labor.

#### **TESTIMONY BEFORE CONGRESS:**

Hearings before the Committee on the Budget, House of Representatives, "Outlook and Budget Levels for FY 1979-80," 96th Congress: 645-659.

#### **OTHER ACTIVITIES:**

Member, URB Institutional Review Panel for Human Subjects Committee, July, 2007.

Selection Committee, Frisch Medal, 2004.

President, Society of Labor Economists, 2003.

Chairman, Frisch Medal Selection Committee, 2003

Advisory Committee of the Center for Arts and Cultural Policy Studies, Princeton University, 2002-

First Vice President, The Society of Labor Economists, 2002.

Associate Editor, *Journal of Population Economics*, 2001-

Member, Executive and Supervisory Committee, CERGE/EI, Charles University, Prague, Czech Republic, 2001- 2007.

Advisory, Job Opportunity Index National Advisory Board, 2001 – 2003.

Second Vice President, The Society of Labor Economists, 2001

Member, Editorial Board, *Contemporary Economic Policy*, 2000- 2001.

Member, Advisory Board, Stanford Institute for Economic Policy Research, 1999 -

Member, Center for Law and Public Affairs, 1999 -

Board Member, American Foundation for the Center for Graduate Education/Economics Institute of the Charles

University, Prague, Czech Republic, 1999 – Chairman, 1999-2006.

Member, Board of Editors, *Australian Economic Review* 1997 -

Member, Board of Trustees, Center for Advanced Study in the Behavioral Sciences, Stanford University, 1994-2000.

Member, Committee on Fellowships and Special Projects, Center for Advanced Study in the Behavioral Sciences, Stanford University, 1994-2000.

Member, Board of Directors, American Law and Economics Association, 1994 – 1996.

Faculty Member, Law and Economics Center, George Mason University, Advanced Course for Federal Judges on Statistics, Econometrics, and Financial Data, 1979-

Faculty Member, Law and Economics Center, George Mason University, Economics Institute for Federal Judges, 1982 -

Faculty Member, "Statistics and Expert Testimony," The Federal Judicial Center, 1985.

Faculty Member, "Economics and Expert Testimony," The Federal Judicial Center, 1984.

Benjamin Meeker Visiting Professor, University of Bristol, 1981.

Visiting Scholar, Federal Reserve Bank of Philadelphia, 1979-80.

Recipient of the Ragnar Frisch Prize of the Econometric Society, 1984.

Member, Board of Editors, *Journal of Labor Economics*, 1983-2008

Member, Board of Editors, *Pakistan Development Review*, 1981-1985.

Member, Board of Editors, *Journal of Labor Research*, 1980-89.

Member, Board of Editors, *Journal of Urban Economics*, 1974-1978.

Member, Advisory Board, *Ricerche Economiche: An International Review of Economics*, 1992 – 1993.

Member, Advisory Board, *Labour Economics: An International Journal*, 1992-1997.

Member, Advisory Council of the Cornell Institute for Labor Market Policies, 1991- 2000.

Member, Advisory Board, Center for Economic Policy Research, Stanford University, 1984-1999.

Member, Executive Committee, Conference on Research in Income and Wealth, National Bureau of Economic Research, 1982-1989.

Member, Macro Advisory Panel, National Commission for Employment Policy, 1980-81.

Member, Advisory Board, Institute of Labor Management Relations, Rutgers University, 1979-2001.

Member, Advisory Panel of the American Economic Association to the National Commission on Employment and Unemployment Statistics, 1978-81.

Member, Panel of Statisticians for the National Commission on Employment and Unemployment Statistics, 1977-81.

Fellow, Econometric Society, 1977.

Guggenheim Fellowship, 1976-77.