

1 ADAM J. ZAPALA (State Bar No. 245748)  
ELIZABETH T. CASTILLO (State Bar No. 280502)  
2 JAMES G. DALLAL (State Bar No. 277826)  
**COTCHETT, PITRE & MCCARTHY, LLP**  
3 840 Malcolm Road, Suite 200  
Burlingame, CA 94010  
4 Telephone: (650) 697-6000  
Facsimile: (650) 697-0577  
5 azapala@cpmlegal.com  
ecastillo@cpmlegal.com  
6 jdallal@cpmlegal.com

7 *Interim Lead Counsel for Indirect Purchaser Plaintiffs*

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10 **UNITED STATES DISTRICT COURT**  
11 **NORTHERN DISTRICT OF CALIFORNIA**  
12 **SAN FRANCISCO DIVISION**

13 **IN RE CAPACITORS ANTITRUST**  
14 **LITIGATION**

**MDL No. 17-md-02801**  
**Case No. 3:14-cv-03264-JD**

15 **This Document Relates to:**  
16 **All Indirect Purchaser Actions**

**DECLARATION OF RUSSELL L.**  
**LAMB, PhD**

**Date:** August 12, 2021  
**Time:** 10:00 a.m.  
**Place:** Courtroom 11, 19<sup>th</sup> Floor

1 I, Russell L. Lamb, hereby declare the following:

2 1. I have been asked by Class Counsel for the Indirect Purchaser Plaintiffs (“IPPs”) to  
3 provide certain information to the Court in support of IPPs’ Motion for Preliminary Approval of  
4 Revised Settlements with Defendants Shinyei and Taitso.

5 2. I have previously submitted four expert reports in this case. On February 24, 2017,  
6 I submitted an expert report in support of IPPs’ Motion for Class Certification.<sup>1</sup> On April 28,  
7 2017, I also submitted a rebuttal report in support of IPPs’ Motion for Class Certification.<sup>2</sup>  
8 Similarly, on November 30, 2018, I submitted a merits expert report;<sup>3</sup> and on April 9, 2019, I  
9 submitted a merits expert rebuttal report.<sup>4</sup>

10 3. In my previous reports, as described therein, as part of my analysis, I examined  
11 vast amounts of transaction level pricing data from both Defendants and distributors for the sale  
12 of capacitors in the United States. I utilized econometric techniques to determine whether  
13 Defendants’ alleged anticompetitive conduct artificially inflated the price that direct purchasers  
14 paid for capacitors, and if so, by how much. I also utilized econometric techniques to determine  
15 what amount, if any, of the overcharge suffered by direct purchaser distributors was “passed-  
16 through” to the indirect purchasers in this case. In my previous reports, I found (among other  
17 conclusions) that (a) Defendants’ anticompetitive conduct artificially inflated the price that direct  
18 purchasers paid; (b) direct purchaser distributors passed through the overcharge to the indirect  
19 purchaser class; (c) the direct purchaser overcharge and pass-through models were based on  
20 common evidence and demonstrated common impact; and (d) I was able to estimate the  
21 magnitude of both the direct purchaser overcharge and the degree of pass-through to indirect  
22 purchasers. For purposes of Defendants’ sales of film capacitors, I estimated an overcharge  
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24 <sup>1</sup> ECF No. 1681 (IPPs’ Motion for Class Certification); ECF No. 1682-46 (Expert Declaration of  
25 Russell L. Lamb Regarding Class Certification Issues).

26 <sup>2</sup> ECF No. 1682-47 (Expert Reply Declaration of Russell L. Lamb Regarding Class Certification  
27 Issues)

<sup>3</sup> Expert Trial Declaration of Russell L. Lamb

<sup>4</sup> Expert Trial Reply Declaration of Russell L. Lamb

1 amount of 7.9%, with a corresponding pass-through rate of at least 100%.<sup>5</sup>

2 4. As noted, I also provided a number of other opinions in my previous reports,  
3 including but not limited to, an analysis of the capacitors market, which I found conducive to the  
4 formation and effective management of a cartel, along with the existence of pricing structures that  
5 assisted in demonstrating common impact. I incorporate by reference the previous reports  
6 submitted or exchanged in this matter, including the opinions found in those reports, as though  
7 fully set forth herein.

8 5. As a result of my previous work in the case, my staff and I have extensive  
9 knowledge regarding the data obtained during the course of discovery in this case.

10 6. I have provided a full description of my qualifications to provide these opinions in  
11 previous reports I have submitted in this case. Nevertheless, in this declaration, I have provided a  
12 brief overview of my qualifications.

13 7. I am the President of Monument Economics Group (“Monument”), an economic  
14 consulting firm based in Arlington, VA. Monument provides economic research and quantitative  
15 and statistical analyses to clients in the United States, Canada and elsewhere internationally. I  
16 have studied the economics of markets and prices and have consulted on these issues for over 25  
17 years. I previously have been asked to opine on a variety of economic issues, including the  
18 existence of cartel behavior in various markets, damages arising from anti-competitive conduct,  
19 and class-wide impact arising from alleged price-fixing and anticompetitive conduct as well as  
20 class-wide injury arising from allegations of consumer fraud or breach of warranty. I have also  
21 been retained to offer opinions regarding liability and damages issues in antitrust matters. A copy  
22 of my C.V., including a list of the matters in which I have submitted expert testimony in the past  
23 four years, is attached to this report as Appendix A.

24 8. Prior to my employment at Monument, I held a variety of positions in government,  
25 academia, and other consulting firms. From 1994 until 1999 I was an Economist (later Senior  
26 Economist) with the Federal Reserve System of the United States in Washington, DC and Kansas

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<sup>5</sup> Expert Declaration of Russell L. Lamb Regarding Class Certification Issues pp. 21-22.

1 City, MO. From 1999 until 2004 I taught economics and agricultural economics at North  
2 Carolina State University in Raleigh, NC. I have also been hired as an economic consultant to the  
3 World Bank and the Government of Peru, in addition to being retained on a wide range of  
4 economic consulting projects in a variety of contexts. In addition to my consulting activities, I  
5 have more recently taught economics at George Washington University and at the University of  
6 Tennessee, where I am an adjunct faculty member in the Department of Economics.

7 9. I have been asked by Class Counsel for the IPPs to review the distributor data  
8 obtained during the course of discovery in this matter to provide an estimate of the number of  
9 purchasers that qualify for the settlement class. In so doing, I have been provided with copies of  
10 the settlement agreements with Shinyei and Taitso. I have reviewed the settlement classes  
11 defined in those agreements. I understand that the settlement class definitions reflected in the  
12 settlements with Shinyei and Taitso are limited to persons or entities with qualifying purchases  
13 during the relevant period from California, Florida, Michigan, Minnesota, Nebraska, and New  
14 York.

15 10. As stated in my report submitted in connection with IPPs' Motion for Class  
16 Certification, Class Counsel for the IPPs was successful in obtaining a comprehensive set of data  
17 through subpoenas to distributors in this litigation. As stated in my reports, the distributors  
18 included in my analysis represent approximately 89 percent of U.S. distributor purchases during  
19 the Class Period. In my experience, this is a high percentage to obtain for the intermediary level  
20 of the distribution chain in an indirect purchaser antitrust case. Distributors provided their  
21 transactional purchase and sales data to the IPPs.

22 11. I have reviewed this distributor data to provide an estimate of the number of  
23 entities or persons that purchased qualifying products in the relevant states, California, Florida,  
24 Michigan, Minnesota, Nebraska, and New York. On a cumulative basis, I estimate that the  
25 settlement class includes more than 23,000 entities or persons as settlement class members.

26 12. On a state-by-state basis, I estimate that there are more than 11,000 entities or  
27 persons with qualifying purchases in California during the Class Period; more than 3,500 entities  
or persons with qualifying purchases in Florida during the Class Period; more than 2,000 entities


1 or persons with qualifying purchases in Michigan during the Class Period; more than 2,000  
2 entities or persons with qualifying purchases in Minnesota during the Class Period; more than 300  
3 entities or persons with qualifying purchases in Nebraska during the Class Period; and more than  
4 3,500 entities or persons with qualifying purchases in New York.

5 13. I have also reviewed IPPs' plan to distribute the settlement funds on a *pro rata*  
6 basis to persons or entities from the relevant states with qualifying purchases. I believe that such  
7 a distribution method is fair, reasonable, and adequate; and consistent with the econometric work  
8 and overcharges found in my expert reports. Such a *pro rata* method of distribution compensates  
9 the class members for the harm suffered in proportional amounts to the monetary amounts they  
10 expended.

11 14. Finally, in connection with IPPs' Motion for Class Certification, I have reviewed  
12 the amounts of commerce to distributors attributable to Shinyei and Taitso's sales. It should be  
13 noted that Shinyei and Taitso were relatively small film capacitor players in the U.S. market as  
14 compared to other Defendants in the case. In reviewing the Defendants' data, I estimate that  
15 Shinyei had \$262,192 in film capacitor sales to U.S. distributors during the relevant period and  
16 Taitso had \$9,787 in total film capacitor sales to U.S. distributors during the relevant period. I  
17 note that the foregoing figures likely overstate the amount of affected commerce *relevant to these*  
18 *classes*. The \$262,192 in film capacitor sales from Shinyei to distributors, and the \$9,787 in film  
19 capacitor sales from Taitso to distributors, respectively, estimates the total amount of their sales in  
20 the entire United States. But these settlement classes are limited to California, Florida, Michigan,  
21 Minnesota, Nebraska and New York.

22 I declare under penalty of perjury, under the laws of the United States of America, that the  
23 foregoing is true and correct. Executed on July 2, 2021 in Arlington, Virginia.

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Russell L. Lamb, Ph.D.

# Appendix A



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**Russell Lamb, Ph.D.**

President  
Monument Economics Group  
Phone: (703) 615-3474  
Email: rlamb@megconsulting.com

**Professional Summary**

Russell Lamb is an expert in antitrust economics and has testified concerning antitrust liability, impact, and damages. He has an extensive background in applied econometrics and has developed econometric models to measure damages in a number of matters involving allegations of horizontal price fixing. He has provided expert testimony in State and Federal Courts in the United States and in Canada on a range of issues including class-certification and economic damages in antitrust, RICO and consumer fraud matters. In addition, he has provided expert advice to client attorneys at all levels of the litigation. Dr. Lamb has an extensive background in the analysis of domestic and international agricultural markets and has authored more than 50 articles in peer-reviewed economics journals, trade press, and major newspapers.

Dr. Lamb's work has been cited by courts in certifying classes in the United States and Canada. For example, in *In re Aftermarket Automotive Lighting Products Antitrust Litigation*, the court held that his analysis provided "a sufficient basis from which to conclude that Plaintiffs would adduce common proof concerning the effect of Defendants' alleged price-fixing conspiracy on prices class members paid." In certifying the Class in *In re: Titanium Dioxide Antitrust Litigation*, the Court said, "This Court finds that Dr. Lamb's regression analysis accurately reflects the characteristics of the titanium dioxide industry, and the facts in this case." In *In Re: Domestic Drywall Antitrust Litigation*, the Court cited extensively to Dr. Lamb's analysis in its decision to certify the Class: "Dr. Lamb's expert opinion fits the facts of the case, is relevant, and is therefore admissible to show classwide injury and measurable damages in support of Plaintiffs' Motion for Class Certification. [...]"



The Court [...] has thoroughly considered Dr. Lamb's opinion in its decision on the DPPs' Class Certification Motion." In the Canadian LCD Competition Act Class Action, the Court held that Dr. Lamb's analysis provided "evidence of a viable methodology for the determination of loss on a class-wide basis." In *In re: Puerto Rican Cabotage Litigation*, the Court held that "Dr. Lamb [had] set forth a reputable and workable model for determining damages as to individual class members." In certifying the class in *Clarke and Rebecca Wixon, et al. v. Wyndham Resort Development Corp., et al.*, the Court held that "Dr. Lamb [had] presented a plausible class-wide method of proof." In certifying the class in *Eugene Allan, et al., v. Realcomp II, Ltd., et al.*, the Court held that "the Plaintiffs have produced sufficient evidence that common proofs will yield a finding of class-wide damages that predominates over any specific individualized damages. The Lamb Report and Lamb Reply are sufficient to establish this fact." Furthermore, Dr. Lamb was the Indirect Purchaser Plaintiffs' expert in the *In re: Polyurethane Foam Antitrust Litigation* matter, which was certified by the Court in April 2014.

With regard to agricultural economics, Dr. Lamb has a particular expertise in agricultural markets and has undertaken extensive original research and econometric analysis on markets for agricultural commodities. His articles on agricultural economics have been published in peer-reviewed journals, trade press, and major newspapers. Dr. Lamb regularly presents at conferences on topics including the state of the U.S. Economy and farm policy.

Prior to co-founding Monument Economics Group, Dr. Lamb was a Senior Vice President at Nathan Associates Inc., where he directed the firm's litigation consulting practice nationally. Dr. Lamb previously served as a Principal at AACG in Arlington, VA, and as Managing Director and DC Office Head at Econ One Research. He earlier served as an Assistant Professor of Agricultural Economics and faculty member of the Graduate Group in Economics at North Carolina State University and as an Economist and Senior Economist in the Federal Reserve System of the United States, at the Federal Reserve Board and the Federal Reserve Bank of Kansas City.

**Education**

- Ph.D., Economics, University of Pennsylvania, 1994
- M.A., Economics, The University of Maryland, 1989
- B.A., Economics, The University of Tennessee, 1987

## **Expert Testimony Offered**

### **2021 *Gazarek Realty Holdings Ltd., et al. v. Corning Incorporated, et al.***

- Ontario Superior Court of Justice
- Court File No. CV-16-549735-00CP
- Expert Report, April 15, 2021
- Opinion concerning class certification issues
- Retained by Camp Fiorante Matthews Mogerma LLP, Sotos LLP, Siskinds LLP

### ***Kate O'Leary Swinkels v. ZF Friedrichshafen Ag, et al.***

- Ontario Superior Court of Justice
- Court File No. CV-18-00604648-00CP
- Expert Report, April 15, 2021
- Opinion concerning class certification issues
- Retained by Camp Fiorante Matthews Mogerma LLP, Sotos LLP, Siskinds LLP

### ***David Regan v. Masonite International Corporation, et al.***

- Federal Court of Canada
- Court File No. T-1049-20
- Expert Report, March 31, 2021
- Opinion concerning class certification issues
- Retained by Siskinds LLP

### ***In Re: JELD-WEN Holding, Inc. Securities Litigation***

- United States District Court for the Eastern District of Virginia Richmond Division
- Case No. 3:20-CV-00112-JAG
- Expert Declaration, January 4, 2021
- Expert Reply Declaration, February 15, 2021
- Testified at deposition, February 26, 2021
- Opinion concerning anticompetitive conduct issues
- Retained by Labaton Sucharow LLP and Robbins Gellar Rudman & Dowd LLP

### **2020 *In Re Namenda Indirect Purchaser Antitrust Litigation***

- United States District Court Southern District of New York
- Case No. 1:15-CV-06549
- Expert Report, July 6, 2020
- Testified at deposition, July 23, 2020
- Expert Reply Report, September 21, 2020
- Opinion concerning class certification and damages issues regarding indirect purchasers
- Retained by Miller Law LLC and Safirstein Metcalf LLP

*In Re: Interior Molded Doors Antitrust Litigation*

- United States District Court for the Eastern District of Virginia Richmond Division
- Case No. 3:18-CV-00718-JAG
- Class Certification and Trial Expert Report, January 31, 2020
- Testified at deposition, March 4, 2020
- Class Certification and Trial Expert Reply Report, June 9, 2020
- Testified at deposition, July 16, 2020
- Opinion concerning class certification and damages issues
- Retained by Spector Roseman Kodroff & Willis, P.C., and Berger & Montague, P.C.

**2019** *In Re Zetia (Ezetimibe) Antitrust Litigation*

- United States District Court for the Eastern District of Virginia Norfolk Division
- Case No. 2:18-MD-02836-RBS-DEM
- Expert Declaration, November 18, 2019
- Testified at deposition, December 20, 2019
- Expert Trial Declaration, January 13, 2020
- Expert Reply Declaration, February 20, 2020
- Testified at class certification hearing, May 1, 2020
- Expert Trial Reply Declaration, May 8, 2020
- Expert Supplemental Declaration, May 15, 2020
- Testified at deposition, June 9, 2020
- Opinion concerning class certification and damages issues
- Retained by Miller Law LLC and Motley Rice LLC

*GAËTAN ROY c. JTEKT Corporation & al. (Bearings/Roulements)*

- Cour Supérieure District de Québec
- Case No. 200-06-000159-130
- Expert Report, November 12, 2019
- Opinion concerning class certification issues
- Retained by Siskinds LLP, Sotos LLP

*First Impressions Salon, Inc., et al., v. National Milk Producers Federation, et al.*

- United States District Court for the Southern District of Illinois
- Case No. 3:13-cv-00454-NJR-SCW
- Expert Report, January 4, 2019
- Testified at deposition, February 13, 2019
- Expert Reply Report, May 3, 2019
- Testified at deposition, May 17, 2019
- Opinion concerning class certification and damages issues
- Retained by Barrett Law Group, NastLaw LLC, and Roberts Law Firm

*Sheridan Chevrolet Cadillac Ltd., et al., v. JTEKT Corporation, et al.*

- Ontario Superior Court of Justice
- Court File No. CV-13-478644-00CP
- Expert Report, January 2, 2019
- Opinion concerning class certification issues
- Retained by Sotos LLP

**2018** *Sheridan Chevrolet Cadillac Ltd., et al., v. Hitachi Ltd., et al.*

- Ontario Superior Court of Justice
- Court File No. CV-14-506683-00CP
- Expert Report, October 4, 2018
- Opinion concerning class certification issues
- Retained by Sotos LLP

*In Re Suboxone Direct Purchaser Antitrust Litigation*

- United States District Court for the Eastern District of Pennsylvania
- Case No. 2:13-MD-02445-MSG
- Expert Report, September 18, 2018
- Testified at deposition, October 30, 2018
- Merits Expert Report, November 30, 2018
- Expert Rebuttal Report, January 11, 2019
- Testified at deposition, January 17, 2019
- Expert Merits Rebuttal Report, April 26, 2019
- Testified at deposition, June 12, 2019
- Opinion concerning class certification, merits, and damages issues
- Retained by Berger & Montague, P.C.; Garwin Gerstein & Fisher LLP; and Faruqi & Faruqi LLP

*William Rushing, et al. v. Williams-Sonoma, Inc., et al.*

- United States District Court Northern District of California, San Francisco Division
- Case No. 3:16-cv-01421-WHO
- Expert Report, July 25, 2018
- Opinion concerning class certification issues
- Retained by Rose Law Group, PC

*The Hospital Authority of Metropolitan Government of Nashville and Davidson County, Tennessee, et al. v. Momenta Pharmaceuticals, Inc., et al.*

- United States District Court Middle District of Tennessee Nashville Division
- Civil Action No. 15-cv-1100
- Testified at deposition, October 10, 2018
- Expert Report, June 22, 2018
- Expert Reply Report, September 21, 2018
- Testified at class certification hearing, May 13, 2019

- Declaration, May 21, 2019
- Expert Merits Report, May 24, 2019
- Declaration, June 18, 2019
- Expert Report, July 5, 2019
- Expert Supplemental Reply Report, July 5, 2019
- Testified at hearing, July 12, 2019
- Expert Merits Reply Report, July 29, 2019
- Testified at deposition, August 13, 2019
- Opinion concerning class certification and damages issues regarding indirect purchasers
- Retained by Lieff Cabraser Heimann & Bernstein, LLP

**2017 *Fady Samaha and Urlin Rent a Car Ltd. v. Yamashita Rubber Co., Ltd., et al.***

- Ontario Superior Court of Justice
- Court File No. CV-13-472262-00CP
- Expert Report, December 4, 2017
- Supplemental Report, July 13, 2018
- Expert Reply Report, January 23, 2020
- Testified at deposition, April 20, 2020
- Supplemental Report, September 30, 2020
- Opinion concerning class certification issues
- Retained by Siskinds LLP

***In Re Lamictal Direct Purchaser Antitrust Litigation***

- United States District Court New Jersey
- Case No. 1 2-95 -WHW-MCA
- Expert Report, November 6, 2017
- Revised Expert Reply Report, April 16, 2018
- Testified at deposition, June 6, 2018
- Opinion concerning class certification and damages issues
- Retained by Berger & Montague, P.C.

***In Re Namenda Direct Purchaser Antitrust Litigation***

- United States District Court Southern District of New York
- Case No. 1:15-CV-07488
- Expert Report, September 15, 2017
- Amended Expert Report, September 20, 2017
- Expert Reply Report, October 25, 2017
- Amended Expert Reply Report November 9, 2017
- Testified at deposition, October 6, 2017
- Opinion concerning class certification and damages issues
- Retained by Berger & Montague, P.C.; and Garwin Gerstein & Fisher LLP

***In Re Capacitors Antitrust Litigation***

- United States District Court Northern District of California San Francisco Division
- Case No. 3:14-CV-03264 -JD
- Expert Declaration, February 24, 2017
- Expert Reply Declaration, April 28, 2017
- Testified at deposition, May 17, 2017
- Expert Trial Declaration, November 30, 2018
- Expert Trial Reply Declaration, April 19, 2019
- Testified at deposition, May 23, 2019
- Opinion concerning class certification issues regarding indirect purchasers
- Retained by Cotchett, Pitre & McCarthy, LLP

**2016 *Deere Construction, LLC, v. Cemex Construction Materials Florida, LLC, et al.***

- United States District Court Southern District of Florida
- Case No. 15-24375-CIV-ALTONAGA/O'Sullivan
- Expert Report, September 14, 2016
- Testified at deposition, September 27, 2016
- Opinion concerning class certification issues
- Retained by Kozyak Tropin & Throckmorton, LLP; Harke Clasby & Bushman, LLP; and McCallum, Methvin & Terrell, P.C.

***Luke Begonja v. Wyndham Vacation Resorts, Inc., et al. (Case No. 2015-CA-010943)***

***Gerrit Brouwer, Jr., et al. v. Wyndham Vacation Resorts, Inc., et al. (Case No. 2014-CA-008533)***

***Gary Gottschalk, et al. v. Wyndham Vacation Resorts, Inc., et al. (Case No. 2015-CA-001957)***

***Susan Hatzipetro, et al. v. Wyndham Vacation Resorts, Inc., et al. (Case No. 2014-CA-007996)***

***Shelly Keegan, et al. v. Wyndham Vacation Resorts, Inc., et al. (Case No. 2015-CA-001953)***

***Yvonne Klebba, et al. v. Wyndham Vacation Resorts, Inc., et al. (Case No. 2014-CA-008535)***

***Adriane McConville, et al. v. Wyndham Vacation Resorts, Inc., et al. (Case No. 2015-CA-001960)***

***Ernest W. Yeager Jr., et al. v. Wyndham Vacation Resorts, Inc., et al. (Case No. 2014-CA-008054)***

- In the Circuit Court of the Ninth Judicial Circuit in and for Orange County, Florida
- Expert Report, September 14, 2016
- Testified at deposition, October 27-28, 2016
- Testified at deposition, March 2-3, 2017

- Expert Report, May 19, 2017
- Testified at deposition, August 29, 2017
- Opinion concerning damages issues
- Retained by Badham & Buck, LLC

***In Re: Evanston Northwestern Healthcare Corporation Antitrust Litigation***

- United States District Court for the Northern District of Illinois Eastern Division
- No. 07-C-4446
- Expert Report, July 28, 2016
- Expert Reply Report, January 25, 2017
- Testified at deposition, September 20, 2016
- Testified at deposition, February 22, 2017
- Opinion concerning damages issues
- Retained by Miller Law LLC

***In Re: Ductile Iron Pipe Fittings ("DIPF") Direct Purchaser Antitrust Litigation***

- United States District Court for the District of New Jersey
- Civ. No. 12-711 (AET)(LHG)
- Declaration, May 27, 2016
- Reply Declaration, March 31, 2017
- Testified at deposition, July 8, 2016
- Opinion concerning class certification, merits, and damages issues
- Retained by Cohen Milstein Sellers & Toll PLLC; and Kaplan Fox & Kilsheimer LLP

***Nestlé Purina Petcare Company v. Blue Buffalo Company, Ltd.***

***Blue Buffalo Company, Ltd. v. Nestlé Purina Petcare Company, et al.***

***Blue Buffalo Company, Ltd. v. Wilbur-Ellis Company, et al.***

***Diversified Ingredients, Inc. v. Wilbur-Ellis Company, et al.***

***Diversified Ingredients, Inc. v. Custom AG Commodities, LLC, et al.***

- United States District Court for the Eastern District of Missouri Eastern Division
- Cause No.: 4:14-CV-00859 RWS
- Affidavit, March 17, 2016
- Opinion concerning pricing issues
- Retained by Lashly & Baer, P.C.

***In Re: Cast Iron Soil Pipe and Fittings Antitrust Litigation***

- United States District Court Eastern District of Tennessee at Chattanooga
- Case No.: 1:14-md-2508
- Declaration, March 4, 2016
- Testified at deposition, May 19, 2016
- Opinion concerning class certification and damages issues



- Retained by Cohen Milstein Sellers & Toll PLLC; Cera LLP; and Kaplan Fox & Kilsheimer LLP

*Darren Ewert v. Denso Corporation, et al.*

- Supreme Court of British Columbia
- Case No. S-135610
- Expert Report, February 12, 2016
- Expert Reply Report, January 5, 2017
- Opinion concerning class certification issues
- Retained by Camp Fiorante Matthews Mogerman

*Serge Asselin v. Hitachi, LTD & al.*

- Cour Supérieure Disctirct de Québec
- Case No. 200-06-000180-144
- Expert Report, February 11, 2016
- Opinion concerning class certification issues
- Retained by Siskinds LLP

**2015** *Thomas Mervyn v. Atlas Van Lines, Inc., et al.*

- United States District Court Northern District of Illinois Eastern Division
- Case No. 1:13-CV-03587
- Expert Declaration, September 3, 2015
- Expert Report, February 4, 2016
- Opinion concerning data issues
- Opinion concerning damages issues
- Retained by Miller Law LLC

*Thomas Mervyn v. Nelson Westerberg, Inc.*

- United States District Court Northern District of Illinois Eastern Division
- Case No. 1:11-CV-06594
- Expert Report, July 27, 2015
- Opinion concerning damages issues
- Retained by Miller Law LLC

*Lane's Gifts and Collectibles, LLC v. Microsoft Online, Inc.*

- United States District Court Western District of Washington at Seattle
- No. 2:12-cv-01181-BJR
- Expert Report, March 23, 2015
- Testified at deposition, May 21, 2015
- Opinion concerning damages issues
- Retained by Nix, Patterson & Roach, L.L.P.; and Kessler Topaz Meltzer & Check, LLP

*BlueCross BlueShield of Tennessee, Inc., et al. v. King Pharmaceuticals, Inc., et al.*

- In the Circuit Court for Cocke County, Tennessee

- Civil Action No. 32941-II
- Expert Report, January 23, 2015
- Opinion concerning impact and damages issues
- Retained by Miller Law LLC

***In Re: Domestic Drywall Antitrust Litigation***

- United States District Court for the Eastern District of Pennsylvania
- MDL No. 2437 13-MD-2437
- Trial Expert Report, January 23, 2015
- Reply Expert Report, April 23, 2015
- Expert Report concerning class certification, August 3, 2016
- Expert Reply Report concerning class certification, January 9, 2017
- Affidavit, July 11, 2019
- Testified at deposition, February 25, 2015
- Testified at deposition, August 30, 2016
- Testified at deposition, February 17, 2017
- Testified at class certification hearing, April 27, 2017
- Expert Supplemental Report, July 31, 2017
- Opinion concerning merits issues regarding direct purchasers
- Opinion concerning class certification issues, impact and damages regarding direct purchasers
- Retained by Cohen Milstein Sellers & Toll PLLC; Berger & Montague, P.C.; and Spector Roseman Kodroff & Willis, P.C.

***In Re: Processed Egg Products Antitrust Litigation***

- United States District Court for the Eastern District of Pennsylvania
- MDL No. 2002
- Expert Declaration, January 22, 2015
- Expert Reply Declaration, April 3, 2015
- Testified at deposition, May 7, 2015
- Opinion concerning merits and damages issues regarding indirect purchasers
- Retained by Straus & Boies, LLP

**2014 *In Re: Class 8 Transmission Indirect Purchaser Antitrust Litigation***

- United States District Court for the District of Delaware
- Civil Action No. 11-cv-00009 (SLR)
- Declaration, November 3, 2014
- Reply Declaration, March 6, 2015
- Trial Declaration, March 27, 2015
- Trial Reply Declaration, July 2, 2015
- Testified at deposition, December 17, 2014
- Testified at deposition, March 16, 2015
- Testified at class certification hearing, March 25, 2015
- Testified at deposition, May 1, 2015

- Opinion concerning class certification issues regarding indirect purchasers
- Opinion concerning merits and damages issues regarding indirect purchasers
- Retained by Glancy Binkow & Goldberg LLP

*Mark S. Wallach, et al., v. Eaton Corporation, et al.*

- United States District Court District of Delaware
- Civil Action No. 10-260-SLR
- Expert Report, November 3, 2014
- Expert Reply Report, March 6, 2015
- Trial Expert Report, March 27, 2015
- Trial Expert Reply Report, July 2, 2015
- Testified at deposition, December 16, 2014
- Testified at deposition, March 16, 2015
- Testified at class certification hearing, March 25, 2015
- Testified at deposition, May 1, 2015
- Opinion concerning class certification issues regarding direct purchasers
- Opinion concerning merits and damages issues regarding direct purchasers
- Retained by Cohen Milstein Sellers & Toll PLLC

*Sheridan Chevrolet Cadillac Ltd., et al., v. Furukawa Electric Co. Ltd., et al.*

*Sheridan Chevrolet Cadillac Ltd., et al., v. Mitsubishi Electric Corporation, et al.*

- Ontario Superior Court of Justice
- Court File Nos. CV-12-446737-00CP / CV-14-496994-00CP
- Expert Report, April 15, 2016
- Expert Report, October 14, 2014
- Opinion concerning class certification issues
- Retained by Siskinds LLP

*Resco Products, Inc., v. Bosai Minerals Group Co., Ltd., et al.*

- United States District Court for the Western District of Pennsylvania
- Civil Action No.: 2:06-cv-235-JFC
- Expert Report, September 24, 2008
- Expert Report, September 29, 2014
- Supplemental Expert Report, December 15, 2014
- Testified at deposition, February 13, 2015
- Opinion concerning damages
- Retained by Boies, Schiller & Flexner LLP

*Fond Du Lac Bumper Exchange Inc., et al. v. Jui Li Enterprise Company Ltd. et al.*

- United States District Court Eastern District of Wisconsin
- Case No.: 2:09-cv-00852-LA
- Affidavit, August 1, 2014
- Affidavit, November 4, 2014
- Declaration, April 24, 2015

- Expert Report, July 15, 2015
- Expert Reply Report, November 24, 2015
- Expert Surreply Report, January 15, 2016
- Expert Trial Report, August 18, 2016
- Expert Trial Reply Report, December 20, 2016
- Testified at deposition, October 1, 2015
- Testified at deposition, February 13, 2017
- Opinion concerning class certification and damages issues
- Opinion concerning Defendants' replacement data
- Opinion concerning Defendant and LKQ transaction-level data
- Opinion concerning merits and damages issues
- Retained by Stueve Siegel Hanson, LLP

*Meredith Corporation, et al., v. SESAC, LLC, et al.*

- United States District Court for the Southern District of New York
- 09 Civ. 9177 (PAE)
- Expert Report, July 10, 2014
- Opinion concerning class certification issues
- Retained by Weil, Gotshal & Manges LLP

*Janet Skold, et al., v. Intel Corporation, et al.*

- Superior Court of the State of California for the County of Santa Clara
- Case No. 1-05-CV-039231
- Expert Report, June 14, 2007
- Testified at deposition, August 31, 2007
- Testified at deposition, January 10, 2014
- Opinion concerning class certification issues
- Opinion concerning damages issues
- Retained by Girard Gibbs LLP

*In Re: Polyurethane Foam Antitrust Litigation*

- United States District Court Northern District of Ohio Western Division 8
- MDL No. 2196
- Declaration, June 11, 2013
- Reply Declaration, October 23, 2013
- Trial Declaration, March 18, 2014
- Reply Trial Declaration, June 30, 2014
- Testified at deposition, August 20, 2013
- Testified at deposition, November 20, 2013
- Testified at class certification hearing, January 15, 2014
- Testified at deposition, April 14, 2014
- Testified at deposition, July 14, 2014
- Opinion concerning class certification issues regarding indirect purchasers
- Opinion concerning merits and damages issues

- Retained by Miller Law LLC

## **Professional Experience**

### **Economic Consulting Positions**

**Monument Economics Group**, Oct. 11, 2016 - Present

**Nathan Associates, Inc.**, Arlington, VA, *Senior Vice President*, Jan. 2013 – Sep. 20, 2016

**Advanced Analytical Consulting Group, Inc.**, Washington, DC, *Principal*, Mar. 2011– Jan. 2013

**Econ One Research, Inc.**, Washington, DC, *Managing Director and DC Office Head*, Jul. 2006 – Mar. 2011

- Opened and staffed the DC office; managed office affairs on a daily basis
- Retained as an expert witness for damages and class certification issues in antitrust, breach of contract, product liability and RICO cases; representative testimony includes determination of liability and damages in a case involving resale price maintenance in consumer products, class certification in a horizontal price-fixing case involving international travel in the airline industry, class certification in a consumer class action involving RICO claims in state court
- Industry pre-litigation analyses for consumer products, chemicals, and other industries

**Navigant Consulting, Inc.**, Washington, DC, *Associate Director*, Feb. 2006 – Jul. 2006

- Case manager for damages analysis in asbestos litigation and personal injury claims

**Nathan Associates, Inc.**, Arlington, VA, *Managing Economist*, Jul. 2004 – Feb. 2006

- Case manager for economic analysis of class certification and damages issues in antitrust and RICO cases involving the chemical, consumer products, and tobacco industries
- Retained as expert on damages for direct purchasers of NBR in the Crompton Global Settlement; submitted an Affidavit on damages and appeared before the Special Master for the Crompton Global Settlement (the Hon. Kenneth Feinberg)

### **Board Membership**

- Board of Advisors, American Antitrust Institute, Washington, DC
- Department of Economics Advisory Council, University of Tennessee, Knoxville, Chairman, Spring 2006 – April 2011

### **Teaching Positions**

- The University of Tennessee, Knoxville, *Adjunct Professor*, Spring 2019 – present
- The George Washington University, Washington, DC, *Adjunct Assistant Professor of Economics*, Fall 2004 – present

- North Carolina State University (NCSU), *Assistant Professor* (Department of Agricultural and Resource Economics), Fall 1999 – Spring 2004
- The University of Pennsylvania, *Adjunct Instructor*, Summer 1990 – Spring 1994

#### **Additional Teaching Experience**

- The Wharton School Evening Division, Philadelphia, PA, summer 1993
- Rutgers University, Camden, NJ, summer 1993
- Philadelphia College of Textiles and Science, Philadelphia, PA, fall 1992
- The Pennsylvania State University, Media, PA, 1991
- St. Mary's College of Maryland, St. Mary's City, MD, summer 1989
- The University of Maryland University College, College Park, MD, 1988-1989

#### **Courses Taught**

- Managerial Economics for MBA students (George Washington University)
- Law and Economics (George Washington University)
- Intermediate Microeconomics – graduate level (George Washington University)
- Latin American Economic Development (George Washington University)
- International Trade: Theory and Policy (George Washington University)
- International Finance: Theory and Policy (George Washington University)
- Agricultural Production and Supply – Ph.D. field course (North Carolina State University)
- U.S. Agricultural Policy (North Carolina State University)
- Microfinance: Theory, Practice and Regulation (Superintendencia de Banca y Seguros)
- Statistical Analysis for Economics (University of Pennsylvania)
- Principles of Microeconomics (University of Maryland, St. Mary's College of Maryland)
- Principles of Macroeconomics (University of Pennsylvania, The Wharton School, Penn State University)
- Fundamentals of Micro/Macro Economics (University of Maryland)
- Environmental and Natural Resource Economics (Rutgers)

#### **Federal Reserve Experience**

Federal Reserve Bank of Kansas City, *Senior Economist* Jan. 1998 – Aug. 1999; *Economist*, Jan. – Dec. 1997

- Analysis of regional, macroeconomic developments in agriculture, and energy

- Research on public policy towards agriculture in the U.S., especially the impact of farm policy reform
- Briefings to the Bank president and outside groups on the regional economy, agriculture, agricultural trade

Board of Governors of the Federal Reserve System, *Economist*, Jun. 1994 – Dec. 1996

- Analysis of macroeconomic conditions, commodity markets, and prices (CPI, PPI, Core prices)
- Forecasting of agricultural output, prices, and income
- Briefings to the Board of Governors on agriculture and food-price developments

### **Other Consulting Experience**

World Perspectives, Inc., 2003 - 2004

- Analysis of trade barriers for U.S. exports of feed ingredients, pet food ingredients, and food ingredients
- Analysis of the impact of a Free Trade Area of the Americas on U. S. soybean producers
- Analysis of the potential for U.S. Halal-certified meat exports to the Middle East

Womble Carlyle Sandridge & Rice, LLP, 2003 - 2004

- Provided expert testimony related to the estimation of business profitability Smith-Moore, 2002 - 2003
- Provided economic analysis of the U.S. Tobacco Program

Superintendencia de Banca y Seguros (Lima, Peru), 1998 - 2000

- Developed and taught a class on Microfinance issues (in English) to students enrolled in a training program for bank examiners; the program was sponsored by the Inter-American Development Bank.

World Bank, Africa Technical Department, 1992 – 1993

- Summarized and provided an overview of data available on African economic and social indicators

ACG-Afrique, January 1993

- Provided critical review of a study document outlining the impact of structural adjustment on African agriculture

### **Professional Organizations**

- National Association for Business Economics
- American Economic Association

## **Papers, Publications, and Speeches**

### **Papers Published in Refereed Journals**

- "Government Regulation and Quality in the U.S. Beef Market," (with Peyton Ferrier) *Food Policy*, Vol. 32, No. 1, February 2007, 84-97
- "Rent-seeking in U.S.-Mexican Avocado Trade," *Cato Journal*, Vol. 26, No. 1, December 2006, 159-177
- "Consolidation in U.S. Agriculture and the Role of Public Policy," *The ICFAI Journal of Agricultural Economics*, Vol. 1, 2004, 7-16
- "Fertilizer Use, Risk, and Off-farm Labor Markets in the Semi-Arid Tropics of India," *American Journal of Agricultural Economics*, Vol. 85, No. 2, May 2003, 359-371
- "Inverse Productivity: Land Quality, Labor Markets, and Measurement Error," *Journal of Development Economics*, Vol. 71, No. 1, June 2003, 71-95
- "A Market-Forces Policy for the New Farm Economy?" *Review of Agricultural Economics*, Vol. 24, No. 1, 1 March 2002, 15-30
- "Food Crops, Exports, and the Short-run Policy Response of Agriculture in Africa," *Agricultural Economics*, Vol. 22, No. 3, April 2000, 271-298
- "FAIR Act Implications for Land Values in the Corn Belt," (with Jason Henderson) *Review of Agricultural Economics*, Vol. 22, No. 1, Summer – Spring 2000, 102-119
- "Why are Estimates of Agricultural Supply Response So Variable?" (with Francis X. Diebold) *Journal of Econometrics*, Vol. 76, No. 1-2, January – February 1997, 367-373

### **Non-refereed Publications, Articles, and Editorials**

- "The Predominance Requirement for Antitrust Class Actions – Can Relevant Market Analysis Help?" (with Jeffrey Leitzinger) American Bar Association – Section of Antitrust Law, *Economics Committee Newsletter*, Vol. 7, No. 1, Spring 2007, 17-22
- "Reform of U.S. Farm Policy in an Integrating World Economy," *Developing Countries in the WTO System*, 2006
- "New Farm Economy," *Regulation*, Winter 2003-2004, Cato Institute for Public Policy Research, 2003
- "What Road Will U.S. Economy Take in 2003?" *Southeast Farm Press*, 5 February 2003
- "Fast Track for the Tax Cuts," guest editorial, *News and Observer*, 18 January 2003
- "The 2002 Farm Bill," (with Blake Brown and Michele Marra) *NC State Economist*, November – December 2002
- "Economy-minded Tax Cuts: Bush's Reductions Provided the Boost to Lift U.S. From Recession," guest editorial, *News and Observer*, 2 July 2002
- "Policy Only Effective if Farm Economy is Recognized," special report to *Feedstuffs*, 5 June 2000



- "Aid During Crisis of Little Long-term Help to Farmers," guest editorial, *Kansas City Star*, 23 August 1999
- "Survey of Agricultural Credit Conditions," Federal Reserve Bank of Kansas City, *Regional Economic Digest*, various issues, 1997-1999
- "U.S. Agriculture at the Crossroads in 1999," *Economic Review*, Federal Reserve Bank of Kansas City, Vol. 84, No. 1, 1999, 73-91
- "Can U.S. Oil Production Survive the 20th Century?" *Economic Review*, Federal Reserve Bank of Kansas City, Vol. 84, Quarter I, 1999
- "Will the Tenth District Catch the Asian Flu?" (with Ricardo Gazel) *Economic Review*, Federal Reserve Bank of Kansas City, Vol. 83, Quarter II, 1998, 9-26
- "From the Plains to the Plate: Can the Beef Industry Regain Market Share?" (with Michelle Beshear) *Economic Review*, Federal Reserve Bank of Kansas City, Vol. 83, Quarter IV, 1998, 49-66
- "U.S. Agriculture: Another Solid Year in 1998?" (with Mark Drabenstott) *Economic Review*, Federal Reserve Bank of Kansas City, Vol. 83, No. 1, Quarter I, 1998, 55-74
- "How Will the 1996 Farm Bill Affect the Outlook for District Farmland Values?" *Economic Review*, Federal Reserve Bank of Kansas City, Vol. 82, Quarter IV, 1997, 85-101
- "Food Prices and the Farm Sector," monthly *Greenbook*, Federal Reserve Board of Governors, various issues 1994-1996
- "Hedge to Arrive Contracts," Memo to the Board of Governors, Federal Reserve Board of Governors, 5 June 1996
- "Prices in the May Greenbook," Federal Reserve Board of Governors, 19 May 1996
- "Prices in the March Greenbook," Federal Reserve Board of Governors, 24 March 1996
- "Commodity Price Developments," Weekly memo to the Board of Governors, Federal Reserve Board of Governors, August 1994 – December 1996

### **Conference Presentations**

- "Class Action Developments," panelist at the American Antitrust Institute's 6<sup>th</sup> Annual Private Antitrust Enforcement Conference, Washington, DC: 4 December 2012
- "Consequences for Antitrust Thought and Practice," presented at the American Antitrust Institute Invitational Symposium: Antitrust Challenge of Multi-Channel Distribution in the Internet Age, Washington, DC: 22 June 2011
- "The U.S. Economy in the Year Ahead," presented at the Long Company Annual Conference, Chicago, IL: 11 September 2009 and 19 September 2008
- "The U.S. Economic Outlook," presented at the Industry Outlook Conference, Chicago, IL: 17 October 2006 and 18 October 2005

- **“How Will the Economy Impact Your Business?”** presented at the Long Company Annual Conference, Las Vegas, NV: 14 August 2004
- **“Focus on The Economy”** presented at *Milling and Baking News* Annual Purchasing Managers’ Conference, Kansas City, MO: 14 June 2004, 10 June 2003 and 11 June 2002
- **“The U.S. Economic Outlook and Agriculture,”** presented at the Industry Outlook Conference, Chicago, IL: October 2003
- **“The U.S. Economic Outlook and Agriculture,”** presented at the Industry Outlook Conference, Breckenridge, CO: 7 April 2002
- **“The U.S. Economic Outlook: The Cost of Terror,”** presented at the Southern Agricultural Outlook Conference, Atlanta, GA: 24 September 2001
- **“The Economy in Focus,”** presented at *Milling and Baking News* annual purchasing managers’ conference, Kansas City, MO: 5 June 2001
- **“The Great American Growth Machine,”** presented at the Southern Agricultural Outlook Conference, Atlanta, GA: 27 September 2000
- **“The Economy in Focus,”** presented at *Milling and Baking News* annual purchasing managers’ conference, Kansas City, MO: 6 June 2000
- **“The Outlook for the U.S. Pork Sector,”** presented to the Industry Outlook Conference, Las Vegas, NV: 17 April 2000
- **“The National Economic Outlook: The Road Ahead,”** presented to the Food Industry Outlook Conference, Breckenridge, CO: 11 April 1999
- **“Farm Policy for the New Millennium,”** presented to Federal Reserve Bank of Kansas City, Division of Bank Supervision and Regulation, Bank Examiners’ Annual Training Conference, 7 January 1999
- **“The Impact of the 1996 Farm Bill on Farmland Values,”** (with Jason Henderson) first place poster presentation at the annual meetings of the American Agricultural Economics Association, Salt Lake City, UT: 4 August 1998
- **“A Note on the Inverse Productivity Relationship,”** presented at the annual meetings of the Western Economic Association International, Seattle, WA: July 1997
- **“Off-farm Labor Supply and Fertilizer Use in the Semi-Arid Tropics of India,”** presented at the annual meetings of the American Agricultural Economics Association, August 1995
- **“Prices for Food-Away-From-Home and Core Inflation: Some Empirical Relationships,”** (with James E. Kennedy) presented at the Federal Reserve System Committee on Agriculture, Richmond, VA: October 1995
- **“Some Simple Dynamics of Farming,”** presented at the annual meetings of the American Agricultural Economics Association, Orlando, FL: August 1993

- “Structural Adjustment and Food Security,” (with W. Graeme Donovan), presented at the annual meetings of the American Agricultural Economics Association, Orlando, FL: August 1993
- “Structural Adjustment and African Agricultural Supply Response to Exchange Rate and Price Movements,” (with W. Graeme Donovan), presented at the annual meetings of the Southern Agricultural Economics Association, Tulsa, OK: January 1993

### **Other Presentations**

- Panelist, “Antitrust Class Actions – Where Are We? A 360 Degree Perspective,” NYSBA Annual Antitrust Law Section Meeting,” 30 January 2014
- Panelist, Retrospective on the Baby Products Litigation, ABA Section of Antitrust Law: Pricing Conduct Committee, 31 July 2013
- Panelist, Economic Forecasting Summit, Northern Indiana Workforce Investment Board, Inc., 29 March 2007
- “The Welfare Benefits of USDA Beef Quality Certification Programs” (with Peyton Ferrier), presentation memo, 2007
- “Reform of U.S. Farm Policy in an Integrating World Economy,” presented to the Cordell Hull Institute, Trade Policy Roundtable on Reform of U.S. Farm Policy and the WTO System, Washington, DC: 31 March 2006
- “The Case for a Market-forces Farm Policy in the U.S.” presented at the Cordell Hull Institute Trade Policy Roundtable, Washington DC: 26 May 2005
- “How Will the Economy Impact Your Business?” presented at the Apple Processors Association annual meeting, Homewood Resort, 20 June 2004
- “The U.S. and International Economic Outlook,” presented at the AgFirst Loan Officer’s Seminar, Atlanta, GA: 30-31 October 2002
- “Will the U.S. Economy Bounce or Crawl?” presented to the Eastern Bankruptcy Institute, North Myrtle Beach, SC: 1 June 2002
- “The U.S. Economic Outlook and Agriculture,” presented to the National Pork Producers Pork Action Group, Washington, DC: 10 April 2002
- “The U.S. Economic Outlook” presented to the Risk Management Associates, Raleigh, NC: 7 February 2002
- “The U.S. Economic Outlook: The Cost of Terror,” presented at the National Pork Producers Pork Action Group, Marco Island, FL: 14 November 2001
- “Consolidation in Agriculture and the Role of Public Policy,” paper presented to the Southern Extension Meetings, Williamsburg, VA: 13 June 2000
- “The New Farm Economy,” presented at the annual meetings of the National Association of County Agricultural Agents, Omaha, NE: 14 September 1999

- “Regional Economic Update,” presented to bankers in Kansas, Nebraska, Missouri, and Oklahoma as part of the Regulatory Update Seminar, Federal Reserve Bank of Kansas City, April 1999
- “The National Economic Outlook,” presented to Oklahoma State University Advanced Cattle Management Seminar, Stillwater, OK: 11 March 1999
- “Regional Economic Update,” presented to Thomas Hoenig, President, Federal Reserve Bank of Kansas City, 13 November 1998
- “Can the Tenth District Survive the Asian Flu?” The Federal Reserve Bank of Kansas City Economic Forums, nine presentations to bankers in Wyoming, Oklahoma, and New Mexico, 21 September – 21 October 1998
- “The Impact of Asian Economic Developments on Tenth District Agriculture,” presented to Thomas Hoenig, President, Federal Reserve Bank of Kansas City, 30 January 1998
- “The Outlook for the Nebraska Economy,” The Federal Reserve Bank of Kansas City: Nebraska Economic Forums, six presentations to bankers in Nebraska, 6-15 October 1997
- “Update on the Macroeconomy and Special Briefing on Forecast Performance at the Kansas City Fed,” presented to Thomas Hoenig, President, Federal Reserve Bank of Kansas City, 13 August 1997
- “Regional Economic Update,” presented to Thomas Hoenig, President, Federal Reserve Bank of Kansas City, 14 May 1997 and 21 March 1997
- “Producer Prices, Retail Sales, and Agricultural Commodity Markets,” presented to the Board of Governors of the Federal Reserve System, 15 July 1996

## **Referee Experience**

### **Referee for the Following Academic Journals**

- World Development, 1993
- Journal of Development Economics, 1994, 1995
- International Economic Review, 1995
- Journal of Human Resources, 1997
- Journal of Business and Economics Statistics, 1997
- American Journal of Agricultural Economics, 1999, 2001, 2002
- Agricultural Economics, 2000, 2001, 2004
- Agricultural Finance Review, 2000, 2004
- Review of Agricultural Economics, 2000, 2002, 2004
- Journal of Agricultural and Resource Economics, 2000, 2001, 2002
- Emerging Markets Review, 2001

- Contemporary Economic Policy, 2004

### **Fellowships, Honors, and Awards**

#### **Fellowships**

- Departmental Fellowship, University of Pennsylvania, 1989-1990
- Dean's Fellowship, University of Pennsylvania, 1991-1992
- Graduate School Fellowship, University of Maryland, College Park, 1987-1989

#### **Honor Societies and Professional Organizations**

- Phi Eta Sigma National Honor Society
- Mortar Board National Honor Society
- Golden Key National Honor Society
- Vice President for Professional Activities, Delta Sigma Pi

#### **Awards**

- Top Graduate in Liberal Arts, University of Tennessee, Knoxville, Spring 1987
- Chancellor's Citation for Extraordinary Professional Promise, University of Tennessee, Knoxville
- Chancellor's Citation for Outstanding Academic Achievement, University of Tennessee, Knoxville
- First place poster presentation, American Agricultural Economics Association annual meetings, August 1998 (with Jason Henderson)
- Honorable mention, American Agricultural Economics Association, Essay for the 21<sup>st</sup> Century, 2001, "A Market Forces Policy for the New Farm Economy"
- Honorable mention, American Antitrust Institute Antitrust Enforcement Awards, Outstanding Antitrust Litigation Achievement in Economics (for work in *In Re Titanium Dioxide Antitrust Litigation*)
- American Antitrust Institute Antitrust Enforcement Awards, Outstanding Antitrust Litigation Achievement in Economics (for work in *In Re Domestic Drywall Antitrust Litigation*)
- American Antitrust Institute Antitrust Enforcement Awards, Outstanding Antitrust Litigation Achievement in Economics (for work in *In Re Namenda Direct Purchaser Antitrust Litigation*)

#### **External Funding**

- "Unmanufactured Flue-Cured Tobacco Exports and the Export Component of the Quota Formula." \$13,890 NC Tobacco Foundation. With Blake Brown 2000 – 2001.

## **Professional Activities and Services**

### **Graduate Student Advising**

M.A. degree, North Carolina State University

- Joe Weinberg (Political Science)

Master of Economics, North Carolina State University

- William Pole (2000)
- Dwight Wilder (Chairman, 2002)
- Adrian Atkeson (2002)
- Sarah Spivey
- Li Zhang (Chairman, 2003)
- Nia Atmadja (2003)

Doctor of Philosophy, North Carolina State University

- William Deese (2003)
- Peyton Ferrier (Chairman, 2004)
- Yang Wang (2003)
- Bobby Huggett (2003)
- Syed Wadood (Chairman, 2004)
- Henry Kuo

### **Economic and Statistical Modeling Skills**

- Experience with all major statistical software including SAS, STATA, LIMDEP and C++; applied econometric modeling skills in damage analysis of consumer industries, chemicals industries, and agricultural markets, correlation analysis for class certification.