Mark A. Cohen

Justin Potter Professor of American Competitive Enterprise & Professor of Law Vanderbilt University <u>mark.cohen@owen.vanderbilt.edu</u> (615) 322-0533

University Fellow, Resources for the Future

EDUCATION

Carnegie-Mellon University, Graduate School of Industrial Administration

- Ph.D., Economics (1985) Thesis: "Essays in the Economics of Information and Environmental Regulation" (Dennis Epple, Committee Chair)

- M.A., Economics (1983)

Georgetown University, School of Foreign Service, B.S.F.S., Cum Laude, International Economics (1978)

ACADEMIC APPOINTMENTS

- Professor of Management, Owen Graduate School of Management, Vanderbilt University. Assistant Professor (1986); Associate w/tenure (1991); Full Professor (2002-date); Justin Potter Professor of American Competitive Enterprise (2003-2008; 2013-date)
- Professor of Law (secondary appointment), Vanderbilt University School of Law (2006-date)
- University Fellow, **Resources for the Future** (2011-date)
- Leverhulme Visiting Professor (2007-2008); Honorary Professor, Department of Economics (2007-2009); Visiting Professor of Criminal Justice Economics (2001-2006), Centre for Criminal Justice Economics and Psychology, University of York, UK.
- Co-Director, Vanderbilt Center for Environmental Management Studies, (1993-date)
- Senior Fellow and Member of Executive Committee, Center for the Americas, Vanderbilt University (2005-2008)
- Senior Associate Dean, Owen Graduate School, Vanderbilt University (2003-2005)
- Area Head, Economics and Strategy Group, Owen Graduate School, Vanderbilt University (1998-2008)
- Senior Fellow, Center for Crime and Justice Policy, Vanderbilt Institute for Public Policy Studies, Vanderbilt University (1993-1996)
- Scholar in Residence, Centre for Advanced Studies, Norwegian Academy of Science and Letters, Oslo, Norway (1994)

PROFESSIONAL/LEADERSHIP APPOINTMENTS

- Board of Directors, Society for Benefit-Cost Analysis, 2015-2017
- Board of Directors, <u>Center for Disease Dynamics and Economic Policy</u>, 2010-2017
- Board of Directors, Focal Point USA and Canada, Global Reporting Initiative, 2011-2017
- Board of Directors, Jewish Federation of Nashville, 2016-2019
- Member, Economics & Environmental Policy Research Network, Canada, 2012-date
- Member, Cost-Benefit Advisory Board, Vera Institute of Justice, 2008-date
- Member, Stakeholder Council, Global Reporting Initiative, 2002-2011
- Member, Research Advisory Group, District of Columbia Crime Policy Institute, 2009-2012

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JOURNAL/ACADEMIC ASSOCIATION APPOINTMENTS

- Chair, Committee on Law and Justice Statistics, American Statistical Association, 1998-2003.
- International Board, "Ius et Lex" Foundation Magazine (Poland), 2002-2010
- Editorial Board, Environmental Economics, 2010-2017
- Editorial Board, Journal of Benefit-Cost Analysis, 2009-date
- Editorial Board, Managerial and Decision Economics, 1995-date
- Board of Editors, Journal of Forensic Economics, 2000-2017
- Editorial Board, Social Sciences, 2011-2017

OTHER PROFESSIONAL EMPLOYMENT

- Vice President for Research, Resources for the Future, Washington, DC (2008-2011)
- Senior Research Economist, U.S. Sentencing Commission, Washington, D.C. (1986)
- Economist, Division of Consumer Protection, Bureau of Economics, Federal Trade Commission, Washington, D.C. (1984-5)
- Economist, Economic Analysis Division, U.S. Environmental Protection Agency, Washington, D.C. (1978-80)
- Research Assistant, Public Affairs Division, Office of Revenue Sharing, U.S. Department of Treasury, Washington, D.C. (part-time and summer, 1977-8).
- Research Assistant, Office of the Secretary of the Treasury, U.S. Department of Treasury, Washington, D.C. (part-time and summer, 1976-7).
- Staff Assistant, U.S. Senate Committee on Banking, Housing & Urban Affairs, Washington, D.C. (summer 1975).
- Intern, Office of Senator William Proxmire, Washington D.C. (part-time, 1974-5).

BOOKS & EDITED VOLUMES

- Cohen, Mark A., Don Fullerton, and Robert H. Topel (editors), <u>Distributional Aspects of Energy</u> <u>and Climate Policies.</u> (Cheltenham, UK: Edward Elgar, 2013).
- Kochanowski, Janusz, Jacek Czabanski, and Mark A. Cohen (editors), <u>Ekonomiczne Podejście</u> <u>Do Przestępczości ("Economics of Crime").</u> (Warsaw, Poland: Ius et Lex, 2007).
- Cohen, Mark A. <u>The Costs of Crime and Justice</u> (New York, NY: Routledge, 2005); ISBN 0-415-70072-8 (hardback), 0-415-70073-6 (paperback). Second edition in progress, 2019.
- Lofquist, William S., Mark A. Cohen and Gary Rabe (editors). <u>Debating Corporate Crime</u> (Cincinnati, OH: Anderson Publishing Co and Academy of Criminal Justice Sciences, March 1997); ISBN No. 0-87084-185-8.

PUBLISHED ARTICLES & CHAPTERS (including forthcoming)

- Picasso, Emilio and Mark A. Cohen (forthcoming) "Valuing the Public's Demand for Crime Prevention Programs: A Discrete Choice Experiment" <u>Journal of Experimental</u> <u>Criminology</u>. Working paper available at <u>http://ssrn.com/abstract=3015649</u>.
- West, Matthew P., Melissa Rorie and Mark A. Cohen (forthcoming) "The "Pliability" of Criminological Analyses: Assessing Bias in Regression Estimates Using Monte Carlo Simulations" Journal of Quantitative Criminology.
- Cohen, Mark A. (forthcoming). "Punishing Corporations." Chapter in <u>Handbook of White-Collar</u> <u>Crime</u>, Melissa Rorie, editor. John Wiley & Sons.
- Cohen, Mark A. and Jay P. Shimshack (forthcoming). "Monitoring, Enforcement and the Choice of Environmental Policy Instruments." Chapter in <u>Encyclopedia of Environmental Law:</u> <u>Policy Instruments in Environmental Law</u>, Ken Richards and Josephine van Zeben, editors. Edward Elgar. Working paper available at <u>http://ssrn.com/abstract=2821265</u>
- Maki, Alexander, Emmitt McKinney, Michael P. Vandenbergh, Mark A. Cohen, and Jonathan M. Gilligan (2018) "Employee Energy Benefits: What Are They and What Effect Do They Have on Environmental Behavior and Employee Morale?" <u>Energy Efficiency</u> 1-19. Working paper available at <u>http://ssrn.com/abstract=2801607</u>.
- Galvin, Miranda A., Thomas Loughran, Sally S. Simpson, and Mark A. Cohen (2018). "Victim Compensation Policy and White Collar Crime: Public Preferences in a National Willingness to Pay Survey" <u>Criminology & Public Policy</u> 17(3): 553-594. doi: 10.1111/1745-9133.12379 Working paper available at: <u>https://ssrn.com/abstract=3012724.</u>
- Rorie, Melissa, Sally S. Simpson, Mark A. Cohen and Michael P. Vandenbergh (2018)
 "Examining Procedural Justice and Legitimacy in Corporate Offending and Overcompliance: The Efficacy of Direct and Indirect Regulatory Interactions." <u>Law and</u> <u>Policy</u>, vol. 40(2): 172-195. doi: 10.111/lapo.12100
- Cohen, Mark A. and Adeline Tubb (2018). "The Impact of Environmental Regulation on Firm and Country Competitiveness: A Meta-Analysis of the Porter Hypothesis." Journal of the <u>Association of Environmental and Resource Economists</u>, vol. 5(2): 371-99. Working paper available at: <u>http://ssrn.com/abstract=2692919</u>.
- Maki, Alexander, Mark A. Cohen, and Michael P. Vandenbergh (2018). "Using Meta-Analysis in the Social Sciences to Improve Environmental Policy." Chapter (pp. 27-43) in <u>Handbook</u> <u>of Sustainability and Social Science Research</u>, Walter Leal Filho, John Callewaert, and Robert Marans, editors. Springer.
- Cohen, Mark A. (2017). "The Social Cost of a Racially Targeted Police Encounter." <u>Journal of Benefit-Cost Analysis</u>, vol. 8(3): 369-84. Working paper available at: <u>http://ssrn.com/abstract=3015035</u>.

- Miller, Ted R., Mark A. Cohen and Delia Hendrie, (2017). "Noneconomic Damages Due To Physical And Sexual Assault: Estimates From Civil Jury Awards," <u>Forensic Science and</u> <u>Criminology</u>, vol. 2(1): 1-10.
- Cohen, Mark A. (2016). "The Costs of White-Collar Crime." Chapter 5 (pg. 78-98) in <u>The Oxford</u> <u>Handbook of White-Collar Crime</u>. Shanna R.Van Slyke, Michael L. Benson, and Francis T. Cullen, editors. Oxford University Press.
- Muehlenbachs, Lucija, Stefan Staubli, and Mark A. Cohen (2016). "The Impact of Team Inspections on Enforcement and Deterrence." Journal of the Association of Environmental and Resource Economists, vol. 3(1): 159-204.

Earlier working papers circulated under different titles available at RFF: <u>RFF Discussion</u> <u>Paper 13-36</u>, and SSRN: <u>http://ssrn.com/abstract=2350923</u>.

- Cohen, Mark A. and Alex R. Piquero (2015). "Benefits and Costs and Benefits of a Targeted Intervention Program for Youthful Offenders: The YouthBuild USA Offender Project." <u>Journal of Benefit-Cost Analysis</u>, vol. 6 (3): 603-27, doi: 10.1017/bca.2015.50, Working paper available at <u>http://ssrn.com/abstract=1154055</u>.
- Alexander, Cindy R. and Mark A. Cohen (2015). "The Evolution Of Corporate Criminal Settlements: An Empirical Perspective On Non-Prosecution, Deferred Prosecution, and Plea Agreements," <u>American Criminal Law Review</u>, vol. 52 (3): 537-93.
- Shewmake, Sharon, Mark A. Cohen, Paul C. Stern, and Michael P. Vandenbergh. (2015). "Carbon Triage: A Strategy for Developing a Viable Carbon Labeling System." Chapter in <u>Handbook of Research in Sustainable Consumption</u>. Lucia Reisch and John Thøgersen, editors. Edward Elgar. Working paper available at SSRN: <u>http://ssrn.com/abstract=2353919</u>.
- Cohen, Mark A. (2015). "Willingness to Pay to Reduce White Collar and Corporate Crime," <u>Journal of Benefit-Cost Analysis</u>, vol. 6 (2): 305-24, doi:10.1017/bca.2015.43. Working paper available at SSRN: <u>http://ssrn.com/abstract=2486220</u>.
- Cohen, Mark A. (2013). "Water Pollution from Oil Spills," In: Shogren, Jason F., (ed.) <u>Encyclopedia of Energy, Natural Resources and Environmental Economics</u>, vol. 3, pp. 121-6 (Amsterdam: Elsevier).
- Simpson, Sally S., Carole Gibbs, Lee Ann Slocum, Melissa Rorie, Mark A. Cohen, and Michael P. Vandenbergh. (2013) "An Empirical Assessment of Corporate Environmental Crime Control Strategies," Journal of Criminal Law and Criminology vol. 103(1), pp. 231-78.
- Muehlenbachs, Lucija, Mark A. Cohen, and Todd Gerarden. (2013). "The Impact of Water Depth on Safety and Environmental Performance in Offshore Oil and Gas Production." <u>Energy</u> <u>Policy</u> vol. 55, pp. 699-705.

- Ambec, Stefan, Mark A. Cohen, Stewart Elgie, and Paul Lanoie. (2013). "The Porter Hypothesis at 20: Can Environmental Regulation Enhance Innovation and Competitiveness?" <u>Review</u> <u>of Environmental Economics & Policy</u> vol. 7, issue 1, pp. 2-22. Working paper available at: <u>http://ssrn.com/abstract=1754674</u>. Earlier draft circulated under same title as <u>RFF</u> <u>Discussion Paper 11-01</u>.
- Cohen, Mark A. and W. Kip Viscusi. (2012). "The Role of Information Disclosure in Climate Mitigation Policy," <u>Climate Change Economics</u> vol. 3, no. 4, pp. 1250020:1-21.
- Cohen, Mark A. and Michael P. Vandenbergh. (2012). "The Potential Role of Carbon Labeling in a Green Economy," <u>Energy Economics</u>, vol. 34: S53-63. Working paper available at <u>http://ssrn.com/abstract=2041535</u>.
- Cohen, Mark A. (2012). "Imperfect Competition in Auto Lending: Subjective Markups, Racial Disparity, and Class Action Litigation." <u>Review of Law and Economics</u> vol. 8, no. 1 (21-58). Working Paper available at <u>http://ssrn.com/abstract=951827</u>.
- Cohen, Mark A. "Sentencing the Environmental Criminal." Chapter 10 in <u>Environmental Crime</u>, Mary Clifford and Terry D. Edwards, editors. (Burlington, MA: Jones & Bartlett Learning, 2012) pages 265-84. (Earlier version published in Chapter 10 of <u>Environmental</u> <u>Crime: Enforcement Policy and Social Responsibility</u>, Mary Clifford, editor. (Gaithersburg, MD: Aspen Publishers, 1998) pages 229-49.
- Cohen, Mark A. (2011). "Costs of Crime and Justice," <u>Oxford Bibliographies in Criminology</u>. Richard Wright (ed.). (New York: Oxford University Press), <u>http://www.oxfordbibliographiesonline.com</u>
- Cohen, Mark A., Madeline Gottlieb, Joshua Linn and Nathan Richardson. (2011). "Deepwater Drilling: Law, Policy, and Economics of Firm Organization and Safety," 64 <u>Vanderbilt Law Review</u> 1853-1916. Available at http://www.vanderbiltlawreview.org/content/articles/2011/11/Cohen_et_al_64_Vand_L_Rev_1853.pdf Earlier draft circulated under same title as <u>RFF Discussion Paper DP 10-65</u>.
- Richardson, Nathan, Molly K. Macauley, Mark A. Cohen, Robert Anderson, and Adam Stern (2011). "Organizational Design for Spill Containment in Deepwater Drilling Operations in the Gulf of Mexico: Assessment of the Marine Well Containment Corporation (MWCC). <u>Risks, Hazards & Crisis in Public Policy</u>, Vol. 2: Iss. 2, Article 1. Available at: <u>http://www.psocommons.org/rhcpp/vol2/iss2/art1</u>. Earlier draft circulated under same title as <u>RFF Discussion Paper DP 10-63</u>.
- Alexander, Cindy R. and Mark A. Cohen. (2011). "Understanding the Causes of Corporate Crime: An Economic Perspective," in <u>Prosecutors in The Boardroom: Using Criminal</u> <u>Law to Regulate Corporate Conduct</u>, Anthony Barkow (ed.). NY: NYU Press.
- Piquero, Nicole Leeper, Mark A. Cohen and Alex R. Piquero. (2010). "How Much is the Public Willing to Pay to be Protected from Identity Theft?" Justice Quarterly 28(3): 437-58.

- Vandenbergh, Michael P. and Mark A. Cohen. (2010). "Climate Change Governance: Boundaries and Leakage." <u>NYU Environmental Law Journal</u>, vol. 18: 221-92. Working Paper available at: <u>http://papers.ssrn.com/abstract_id=1511797</u>.
- Cohen, Mark A. and Alex R. Piquero. (2010). "An Outcome Evaluation of the YouthBuild USA Offender Project." <u>Youth Violence and Juvenile Justice</u> 8(4): 373-85.
- Cohen, Mark A. (2010). "Valuing Crime Control Benefits Using Stated Preference Approaches." Chapter 4 (pp. 73-118) in <u>Cost-Benefit Analysis and Crime Control</u>, John K. Roman, Terence Dunworth and Kevin Marsh (ed.). (Washington, DC: Urban Institute Press). Draft chapter available at: <u>http://ssrn.com/abstract=1091456</u>.
- Cohen, Mark A., Alex R. Piquero, and Wesley G. Jennings. (2010). "Estimating the Costs of Bad Outcomes for At-Risk Youth and the Benefits of Early Childhood Interventions to Reduce Them." <u>Criminal Justice Policy Review</u> 21(4): 391-434.
- Cohen, Mark A., Alex R. Piquero, and Wesley G. Jennings. (2010). "Monetary Costs of Gender and Ethnicity Disaggregated Group-Based Offending." <u>American Journal of Criminal</u> <u>Justice</u> 35(3): 159-172.
- Cohen, Mark A. and Roger Bowles. (2010). "Estimating Costs of Crime." Chapter 8 (pp. 143-62) in <u>Handbook of Quantitative Criminology</u>, Alex R. Piquero and David Weisburd (eds.). NY: Springer-Verlag.
- Cohen, Mark A., Alex R. Piquero, and Wesley G. Jennings. (2010). "Studying the Costs of Crime across Offender Trajectories." <u>Criminology & Public Policy</u> 9(2): 279-305.
- Cohen, Mark A. and Mauricio Rubio (2009). "Violence and Crime in the LAC Region." Chapter 10 in Latin American Development Priorities: Costs and Benefits, Bjorn Lomborg (ed.). New York: Cambridge University Press. Working paper available at: <u>http://www.copenhagenconsensus.com/Default.aspx?ID=914</u>.
- Cohen, Mark A. (2009). "Cyber Crime," Chapter 14, pp.346-74 in <u>Criminal Law and Economics</u>, Nuno Garoupa (ed). Cheltenham, UK: Edward Elgar.
- Cohen, Mark A. and Alex Piquero. "New Evidence on the Monetary Value of Saving a High Risk Youth." (2009). Journal of Quantitative Criminology. 25(1): 25-49. (Working paper available at <u>http://ssrn.com/abstract=1077214</u>.)
- Cohen, Mark A. and Michael P. Vandenbergh. (2008). "Consumption, Happiness and Climate Change," <u>Environmental Law Reporter</u> 38: 10834-7. (Working paper available at <u>http://ssrn.com/abstract=1288638</u>).
- Cohen, Mark A., James F. Blumstein, and Suman Seth. (2008). "Do Government Agencies Respond to Market Pressures? Evidence from Private Prisons." <u>Virginia Journal of Social</u> <u>Policy and the Law.</u> 15(3): 446-77. (Working paper available at: <u>http://ssrn.com/abstract=441007</u>).

Cohen, Mark A. (2008). "The Effect of Crime on Life Satisfaction." *Journal of Legal Studies*, vol. 37: S325-53. Available at SSRN: <u>http://ssrn.com/abstract=1091542</u>.

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- Welsh, Brandon C., Rolf Loeber, Bradley R. Stevens, Magda Stouthamer-Loeber, Mark A. Cohen, and David P. Farrington. "Costs of Juvenile Crime in Urban Areas: A Longitudinal Perspective." <u>Youth Violence and Juvenile Justice</u> 6: 3-27 (January 2008).
- Cohen, Mark A. "Why do Firms Comply with Environmental Regulations?" in <u>21st Century</u> <u>Management: A Reference Handbook – Vol. 1</u>. pp 261-70. Charles Wankel, ed. (Thousand Oaks, CA: Sage Publications, 2008), ISBN #978-1-4129-4972-9.
- McDougall, Cynthia, Mark A. Cohen, Raymond Swaray, and Amanda Perry, "Benefit-Cost Analyses of Sentencing: A Campbell Collaboration Systematic Review," (2008). www.campbellcollaboration.org/lib/download/208/.
- Cohen, Mark A. "An Economic Approach to Crime: Balancing the Costs and Benefits," in <u>Ekonomiczne Podejście Do Przestępczości ("Economics of Crime"), Janusz</u> Kochanowski, Jacek Czabanski, and Mark A. Cohen (eds.). (Warsaw, Poland: Ius et Lex, 2007).
- Cohen, Mark A. and V. Santhakumar, "Information Disclosure as Environmental Regulation: A Theoretical Analysis." <u>Environmental and Resource Economics</u> 37(3): 599-620 (July 2007).
- Cohen, Mark A., Roland T. Rust, and Sara Steen, "Prevention, Crime Control or Cash? Public Preferences towards Criminal Justice Spending Priorities," <u>Justice Quarterly</u> 23(3): 317-335 (September 2006). Data available at: <u>http://www.icpsr.umich.edu/icpsrweb/NACJD/studies/3988</u>.
- Miller, Ted R., David T. Levy, Mark A. Cohen, and Kenya L.C. Cox, "Costs of Alcohol and Drug-Involved Crime." <u>Prevention Science</u> 7:4, 333-42 (2006).
- McDougall, Cynthia, Mark A. Cohen, Amanda Perry, and Raymond Swaray, "Costs and Benefits of Sentencing," Chapter 8, pp. 117-27, in <u>Preventing Crime: What Works for Children,</u> <u>Offenders, Victims, and Places,</u> Brandon C. Welsh and David P. Farrington eds. (Dordrecht, Netherlands: Springer), 2006.
- Cohen, Mark A. "Oil Pollution Prevention and Enforcement Measures and their Effectiveness: a Survey of Empirical Research from the U.S." in <u>Prevention and Compensation of Marine Pollution Damage: Recent Developments in Europe, China and the U.S.</u> (Michael G. Faure and James Hu, eds.) Volume in *Comparative Environmental Law & Policy Series*, Kluwer Law International, Eric W. Orts & Kurt Deketelaere (series eds.), pp. 25-59 (2006).

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- Cohen, Mark A. "The Costs and Benefits of Correctional Interventions: Part 2," <u>Journal of</u> <u>Community Corrections</u>, Vol. 14, No. 1 (Fall 2004), pp. 4-6, 28-34.
- Cohen, Mark A. "The Costs and Benefits of Correctional Interventions: Part 1," <u>Journal of</u> <u>Community Corrections</u>, Vol. 13, No. 4 (Summer 2004), pp. 15-21, 26.
- Steen, Sara and Mark A. Cohen, "Assessing the Public's Demand for Hate Crime Penalties." <u>Justice Quarterly</u> 21(1): 91-124 (March 2004). Data available at: <u>http://www.icpsr.umich.edu/icpsrweb/NACJD/studies/3988</u>.
- Cohen, Mark A., Roland Rust, Sara Steen, and Simon Tidd, "Willingness-to-Pay for Crime Control Programs." <u>Criminology</u> 42(1): 86-106 (February 2004). Data available at: <u>http://www.icpsr.umich.edu/icpsrweb/NACJD/studies/3988</u>.
- Blumstein, James F. and Mark A. Cohen, "Indirect Competition Reduces Prison Costs," <u>Privatization Watch</u> 322: 6, 11 (November 2003).
- Cohen, Mark A. and Ted R. Miller, "Willingness to Award' Nonmonetary Damages and the Implied Value of Life from Jury Awards," <u>International Review of Law and Economics</u> 23: 165-81 (June 2003).
- McDougall, Cynthia, Mark A. Cohen, Raymond Swaray, and Amanda Perry, "The Costs and Benefits of Sentencing - A Systematic Review." <u>Annals of the American Academy of</u> <u>Political and Social Science</u> 587: 160-177 (May 2003).
- Brunnermeier, Smita and Mark A. Cohen, "Determinants of Environmental Innovation in U.S. Manufacturing Industries," Journal of Environmental Economics and Management 45(2): 278-93 (March 2003).
- Cohen, Mark A. "Costs of Crime," in <u>Encyclopedia of Crime and Punishment</u>. David Levinson, Ed. (Thousand Oaks, CA: Sage), 2002.
- Cohen, Mark A. "Transparency after 9/11: Balancing the "Right-to-Know" with the Need for Security," <u>Corporate Environmental Strategy</u>, 9(4): 368-74 (2002).

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- Shepherd, Kristen, Mark Abkowitz and Mark A. Cohen, "Online Corporate Environmental Reporting: Improvements and Innovation to Enhance Stakeholder Value," <u>Corporate</u> <u>Environmental Strategy</u>, 8(4): 1-9 (December 2001).
- Cohen, Mark A. "Criminal Law as an Instrument of Environmental Policy," Chapter 10 in Law and Economics of the Environment, Edited by Anthony Heyes. (Cheltenham, UK: Edward Elgar Publishers), pp. 198-216 (2001).

- Cohen, Mark A. "The Crime Victim's Perspective in Cost-Benefit Analysis: The Importance of Monetizing Tangible and Intangible Crime Costs." Chapter 3 (pp. 23-50) in <u>Costs and</u> <u>Benefits of Preventing Crime.</u> David P. Farrington, Brandon C. Welsh, and Lawrence W. Sherman (eds.). Westview Press (2001).
- Konar, Shameek and Mark A. Cohen, "Does the Market Value Environmental Performance?" <u>Review of Economics and Statistics</u> 83 (2): 281-9 (May 2001).
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- Miller, Ted R., Deborah A. Fisher, and Mark A. Cohen, "Costs of Juvenile Violence: Policy Implications," 107 <u>Pediatrics</u> 1:e3 (January 2001), electronic journal available at: <u>http://www.pediatrics.org/cgi/content/full/107/1/e3</u>.
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- Cohen, Mark A. "The Economics of Crime and Punishment: Implications for Sentencing of Economic Crimes and New Technology Offenses," <u>George Mason University law Review</u> 9 (2): 503-28 Winter 2000.
- Alexander, Cindy R., Jennifer Arlen, and Mark A. Cohen, "Evaluating Trends in Corporate Sentencing: How Reliable are the U.S. Sentencing Commission's Data?" 13 <u>Federal</u> <u>Sentencing Reporter</u> 2: 108. (September/October 2000).
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- Alexander, Cindy R., Jennifer Arlen, and Mark A. Cohen, "Regulating Corporate Criminal Sanctions: Evidence on the Effect of the U.S. Sentencing Guidelines," Journal of Law and Economics, 42: 393-42 (April 1999).
- Alexander, Cindy R. and Mark A. Cohen, "Why do Corporations Become Criminals? Ownership, Hidden Actions, and Crime as an Agency Cost," <u>Journal of Corporate Finance</u>, 5 (1): 1-34 (March 1999).
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- Cho, Myeong-Hyeon and Mark A. Cohen, "The Economic Causes and Consequences of Corporate Divestiture," <u>Managerial and Decision Economics</u> (18) 5: 367-74 (1997).
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- Role of Information in Energy Efficiency Behaviors, joint with Michael Vandenbergh, Jonathan Gilligan, and Alex Maki.
- Higher Sanctions or Larger Crimes? An Empirical Assessment of Corporate Punishment in the Post-Sarbanes Oxley Era, joint with Cindy R. Alexander
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- Cohen, Mark A. "Ad Agency Liability," January 1986, prepared for Federal Trade Commission for pending enforcement action against an ad agency for deceptive advertising.
- "Alcohol Advertising, Consumption, and Abuse," February 25, 1985, Bureau of Economics, Federal Trade Commission (joint with other FTC staff members). Prepared for the FTC Chairman's testimony before Congress on this issue.

Cohen, Mark A. "Uncertain Product Quality and Brand Name Assurance," December 1984, prepared for Federal Trade Commission for analysis of antitrust case.

INVITED PAPERS AND SPEECHES (selected since 1990)

- "Assessing the Costs of Crime & Benefits of Police Practices," Police Executive Research Forum, Annual Conference, Nashville TN, May 30, 2018.
- "Benefits and Costs and Benefits of a Targeted Intervention Program for Youthful Offenders: The YouthBuild USA Offender Project." Capitol Hill Briefing, Washington DC, February 8, 2016
- "The Impact of Environmental Regulation on Firm Competitiveness: A Meta-Analysis of the Porter Hypothesis," Conference on "Economics of Innovation, Diffusion, Growth and the Environment" sponsored by the Grantham Research Institute on Climate Change and the Environment, Royal Society of Arts, London, September 17, 2015.
- "Porter Hypothesis and Competitiveness," Economics and Environmental Policy Research Network Research Symposium, University of Ottawa, October 15, 2014.
- "Class Action Litigation in Auto Lending: Subjective Markup & Racial Disparity," Annual Meeting of the American College of Business Court Judges," George Mason University, Fairfax, VA, September 16, 2013.
- "Economic Cost of Crime and Public Policy Decisions," Workshop on "The Costs of Crime and Violence in Latin America and the Caribbean: Methodological Innovations and New Dimensions," Inter-American Development Bank, Washington, DC, Jan. 24, 2013.
- "Legal Sanctions, Social Norms, and the Intent to Comply with Environmental Laws." Workshop on "Next Generation Environmental Compliance" Sponsored by: George Washington University School of Law, University of California - Berkeley Law, Environmental Law Institute, and US Environmental Protection Agency, Washington, DC, Dec. 11-12, 2012.
- "Information Disclosure as Environmental Policy in the U.S." IGES Kansai International Symposium, Keynote Address, "Role of Corporate Environmental Information Disclosure to Promote Sustainable Production," November 5, 2010, Kobe, Japan.
- "Politics of Sustainability," Keynote Address at Annual Conference of International Oxygen Manufacturers Association, Kiawah Island, SC, October 20, 2010.
- "Class Action Litigation in Auto Lending: Subjective Markup & Racial Disparity," Conference on "The Color of Credit: Combating Disparate Impact in Consumer Finance," sponsored by Open Society Institute & National Consumer Law Center, Baltimore, MD. 9/20/2010.
- "Carbon Footprint Labels: An Emerging Trend...Are they Part of the Problem or Solution?" Conference on Trade and Climate Change: Development Aspects of Climate Change Policies of OECD Countries, Washington, DC, May 5, 2009.

- "Corporate Finance in a Carbon Constrained World," The Conference Board Center for Corporate Citizenship & Sustainability Summit Meeting. Phoenix, AZ. February 11, 2009.
- "Future Research Needs on Corporate Disclosure," Workshop on Transparency and Accountability: The Role of Information Disclosure. National Press Club, Washington, DC. February 6, 2009.
- "Corporate Finance in a Carbon Constrained World," Global Energy Choice Partnership, Washington, D.C., November 3, 2008.
- "The Economics of Crime and Justice," presented at two different locations in Warsaw, Poland, December 12, 2007: (a) Polish Academy of Sciences, (b) The Center for American Law Studies, Warsaw University.
- "Crime and Violence in Latin America." Presented at Consulta de San José 2007, cosponsored by Copenhagen Consensus Center and Inter-American Development Bank, San José, Costa Rica, October 22, 2007.
- "The Effectiveness of Oil Pollution Prevention and Enforcement Measures" Conference on Environmental Crime and Natural Resources Sustainability, Michigan State University, September 2007.
- "How Much are We Willing to Pay for Crime Control?" Leverhulme Lecture. University of York, June 21, 2007.
- "The Next Generation of Private Prison Studies," Presented at 'Private Prisons Evaluation Forum – A Case Study Of The Federal Bureau of Prisons Taft Facility,' National Institute of Justice, Washington, DC, March 28, 2007
- "Valuing Crime Control Benefits Using Stated Preference Approaches," Cost Benefit Analysis and Crime Control Workshop, Urban Institute Justice Policy Center and Matrix Research, Washington, DC, Nov. 19-21, 2006.
- "The Costs of Criminal Activities," featured speaker at conference on methodologies for estimating the cost of crime, October 10, 2006, Amsterdam, Netherlands (sponsored by SEO Economic Research and the Dutch Ministry of Justice).
- "The Cost of Crime and Justice," Invited paper at First Annual Stockholm Prize Symposium, June 15-17, 2006, Stockholm, Sweden (sponsored by Swedish National Council for Crime Prevention and the International Society of Criminology).
- "Does Corporate Social Responsibility Make Good Sense?" Presentation and co-organizer of conference at American Enterprise Institute, "Is Corporate Social Responsibility Serious Business, March 3, 2006.
- "Why Do Firms Comply (and sometimes 'Over-comply') with Environmental Regulations?" Conference on Economic Aspects of Environmental Compliance Assurance, Paris, France, December 2-3, 2004 (sponsored by OECD Global Forum on Sustainable Development).

- "Oil Pollution Prevention and Enforcement Measures and their Effectiveness: a Survey of Empirical Research from the U.S." International Conference on Marine (Oil) Pollution Prevention and Legal Remedies, Nanjing China, July 5-7, 2004 (sponsored by Shanghai Maritime University, Maastrichts Univ. and Catholic University of Leuven).
- "The Cost of Crime: Methods and Findings from Past & Recent Research" European Seminar on Costs and the Distribution of Costs of Crime and Disorder and Crime Prevention, Helsinki, Finland, April 1-2, 2004 (sponsored by Finnish National Council for Crime Prevention, Swedish Council for Crime Prevention, and European Commission).
- "Corporate Sustainability Reporting," International Petroleum Industry Environmental Conservation/American Petroleum Institute Workshop on CSR/Sustainability Reporting, San Francisco, CA. April 3, 2003.
- "An Economic Approach to Crime: Balancing the Costs and Benefits" and "Corporate Criminal Liability and Punishment: An Economic Approach," Conference on Penal Responsibility in Liberal Democratic Systems, University of Warsaw, September 27-8, 2002 (sponsored by American, British and Dutch Embassies).
- "New Findings on Public Opinion of Appropriate Sentences," Annual Conference on Criminal Justice Research and Evaluation, National Institute of Justice, Washington, July 2002.
- "Transparency after 9/11: Balancing the "Right-to-Know" with the Need for Security," 2002 BELL Conference, World Resources Institute, hosted by Bren School of the Environment, University of California at Santa Barbara, July 19, 2002.
- "Looking Ahead: Some Key Environmental and Resource Issues Facing the State of Tennessee in the Coming Decade," Tennessee Conservation League Annual Meeting, April 12, 2002.
- "Research Agenda on Capital Markets and Environmental Performance," Workshop of Capital Markets and Environmental Performance, sponsored by U.S. Environmental Protection Agency, February 2001.
- "Measuring the Costs and Benefits of Crime and Justice," Annual Conference on Criminal Justice Research and Evaluation, sponsored by National Institute of Justice, Washington, D.C. July 16-19, 2000.
- "The Importance of Being Green" Environmental Risk Management Conference, sponsored by Willis Corroon, Nashville, TN January 25, 2000.
- "Economic Theories of Crime Control: Implications for Federal Sentencing Policy," Symposium on Federal Sentencing Policy for Economic Crimes and New Technology Offenses, sponsored by U.S. Sentencing Commission, George Mason University Law School, October 12-13, 2000. [Verbatim remarks, Powerpoint presentations, and answers to questions from attendees published in <u>Proceedings of Symposium on Economic Crimes</u> <u>and New Technology Offenses</u>, United States Sentencing Commission (2000).]

- "Empirical Research on the Deterrent Effect of Environmental Monitoring and Enforcement," Forum on Deterrence of Environmental Violations and Environmental Crime, July 12-13, 1999, Washington, D.C., sponsored by the National Institute of Justice and U.S. Environmental Protection Agency.
- "The Crime Victim's Perspective in Cost-Benefit Analysis: The Importance of Monetizing Tangible and Intangible Crime Costs," University of Maryland Workshop on "The Monetary Value of Preventing Crime," sponsored by Smith Richardson Foundation, March 17, 1999.
- "Does the Market Value Environmental Performance?" Environmental Risk Management Conference, sponsored by Willis Corroon, Nashville, TN January 27, 1998.
- "The Cost of Crime and Benefits of Punishment and Prevention Programs in Nashville," Nashville Forum, Vanderbilt University, September 10, 1997.
- "Is 'Environmental Management' a new field of inquiry?" BELL Conference on International Business and Environment, George Washington University, Wash., DC., July 19, 1997.
- "Current and Future Trends in Environmental Management and their Impact on Manufacturing Engineers," Nashville Chapter, Society of Manufacturing Engineers, April 16, 1996.
- "Civil Penalties for Environmental Regulatory Violations: Is the EPA Penalty Policy "Good" Public Policy?" Nashville Bar Association - Environmental Section, September 1995.
- "Big Business v. Mother Nature: Making the Case for Environmental Excellence," Vanderbilt University Alumni Reunion Weekend Educational Events, May 1995.
- "The Greening of Corporate America," Chattanooga Area Chamber of Commerce, Chattanooga, TN, March 1995.
- "Corporate Crime and Punishment Under the Federal Sentencing Guidelines: Theory, Implementation and Emerging Problems," presentation to Federal Bar Association, Nashville, TN, October 1, 1992.
- "Empirical Evidence on Corporate Criminal Sentences for Environmental Offenses," Presentation to Environmental Crimes Working Group, U.S. Sentencing Commission, April 1992.
- "The New Corporate Sentencing Guidelines: The Beginning or the End of the Controversy?" paper prepared for a conference entitled, "Corporate Sentencing: The Guidelines Take Hold," Cato Institute, October 31, 1991.
- "Criminal Enforcement of Environmental Regulations," paper prepared for workshop on "Judicial Approaches to Environmental Protection," sponsored by Marine Policy Center, Woods Hole Oceanographic Institution, April 1991.
- "Crime in the Suites: Emerging Trends in Corporate Criminal Liability," Washington, D.C. Vanderbilt Club, November 1, 1990.

- "Corporate Crime and Punishment: An Update on Sentencing Practice in the Federal Courts, 1988-1990," paper commissioned by the Law & Economics Center, George Mason Univ. Law School, "Sentencing of the Corporation," Conference, Oct. 25, 1990.
- "Comments on the Sentencing Guideline for Antitrust Violations," March 1990, Criminal Practice and Procedure Committee, Antitrust Section, American Bar Association, Annual Spring Meetings (with David T. Scheffman).
- "The Costs and Consequences of Violent Behavior in the United States," Panel on the Understanding and Control of Violent Behavior, National Research Council, 1990.

OTHER PRESENTATIONS:

Aarhus University (Denmark), Workshop on Arctic Drilling, 2014 Academy of Criminal Justice Sciences Annual Meeting, 2011 Academy of Management Meetings, 1992, 1998 Alliance for Research on Corporate Sustainability (ARCS) Research Conference, 2016 American Economic Association Meetings, 1988, 1997, 2009, 2012 American Law and Economics Association Meetings, 1991, 1993, 1994, 1998 American Society of Criminology, 1993-4, 1996-8, 2000, 2002-3, 2006, 2009, 2018 Association of Environmental and Resource Economists, Annual Meeting, 2011, 2012 Association of Public Policy Analysis and Management, 2001, 2006 Bren School of Environmental Science and Management, 2003 British Home Office, Research, Development & Statistics Directorate, 2001, 2002, 2007 Cardiff University (U.K.), 2007 Duke University, Energy Initiative Workshop on Arctic Drilling, 2014 Emory University, Department of Economics, 1994 European Association of Environmental & Resource Economists, 1993, 1996, 1997, 1998, 2002, 2013 Federal Trade Commission, Bureau of Economics, 2003 George Washington University Business School, 1988, 2010 Harvard University Law School, 1994, 2004 International Society for New Institutional Economics (ISNIE), 2013 John Jay College of Criminal Justice, 2008 Justice Canada, Division of Research & Statistics, 2002 Louisiana State University, Department of Economics, 1995 Ministry of Justice, The Netherlands, 2007 Public Choice Society Meetings, 1988-1989 **RAND** Corporation, 1995 Sophia University, Tokyo, Japan, 2010 Southern Economic Association Meetings, 1995 Stanford University Law School, Law and Economics Seminar, 1991, 2005, 2017 Tilburg University, Dept. of Law (The Netherlands), 2007 University of Chicago Law School (Symposium on Penalties), 1997 University of Darmstadt (Germany), 2005 University of Illinois, Dept. of Agricultural Economics, 1995 University of Indiana, Kelley School of Business, 1998 University of Kansas, Institute of Policy Studies, 2004 University of Manchester, Law and Economics Center, 2007

University of Maryland, 1988, 2006, 2010, 2013
University of Montreal, HEC Business School, 1989
University of Oslo (Norway), Faculty of Law, 1994
University of Pennsylvania, 2000, 2006
University of Tennessee School of Business, 1998
University of York (U.K.), Department of Economics, 2001, 2007
U.S. Department of Justice, Bureau of Economics, 1987
Vermont Law School, 2013
Washington University, Olin School of Business, 1993
Western Economic Association Meetings, 1988-1992
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HONORS AND AWARDS

- Page Prize for Environmental Sustainability Curriculum, Honorable Mention, 2012, awarded by Univ. of South Carolina Darla Moore School of Business
- "Class Act of 2004," honored by *Money Magazine* for work on auto lending discrimination, January 2005
- Moskowitz Prize Honorable Mention for outstanding research in the field of socially responsible investing, 2004
- Dean's Award for Research Productivity, Owen Graduate School, 2003
- Dean's Award for Teaching Excellence, Owen Graduate School, 1994 and 2001
- Invited Speaker, Kennedy-Owen Economics Symposium, University of the South, October 1996 (lectures on law and economics of the environment and tort law).
- Alternate Faculty, Richard D. Irwin/Beta Gamma Sigma National Seminar, Oct. 1991.
- Cash award for work on Fuel Economy Advertising Guidelines, FTC (1985).
- -William Larimer Mellon Ph.D. Fellowship (1980-83)
- -Beta Gamma Sigma Honor Society (1992).
- -National Political Science Honor Society (1978).

CITATIONS/RANKINGS (updated 06/1/19)

- Web of Science: 2,899 citations; h-index=25
- Google Scholar: 13,977 citations; h-index=49; i10 index=97 [5,240 since 2014]
- SSRN: 12,971 downloads (overall top 10%; top 5% economics; top 10% business; top 25% law)
- Ideas RePec: top 5% economics; top 10% environmental economics

RESEARCH GRANTS

- U.S. Department of Justice, National Institute of Justice, "White Collar and Corporate Frauds: Understanding Public Policy Preferences," 2013-15. Co-PI with Sally Simpson, University of Maryland, \$376,023.
- National Science Foundation, "Inspection Group Dynamics and Deterrence," Law and Social Sciences Program, 2013. SES-1251916. Co-PI with Lucija Muehlenbachs, \$77,994.
- U.S. Environmental Protection Agency, Workshop: Greenhouse Gas Reporting Program: Opportunities for Research and Policy Analysis, 2012. Co-PI, \$70,000.
- Center for Disease Control, Environmental Public Health Tracking (EPHT) Program, 2012-13. "Return on Investment." PI, \$250,331.

- Centre for International Governance Innovation and Institute for New Economic Thinking (CIGI-INET Partnership), 2012-13. "Greening economic growth: how can environmental regulation enhance innovation and competitiveness?" CN\$198,500. Lead Researcher on "Meta-Analysis of Porter Hypothesis."
- National Commission on the BP Deepwater Horizon Oil Spill and Offshore Drilling, 2010-11. "Preventing Future Catastrophic Oil Spills." PI, \$350,154.
- National Commission on the BP Deepwater Horizon Oil Spill and Offshore Drilling, 2010-11. "Analysis of BOEMRE Enforcement and Compliance Data," co-PI with Lucija Muehlenbachs, \$50,154.
- Sloan Foundation, 2008-9. "The World's Forest: Design and Implementation of Effective Measurement and Monitoring." Member of research team. \$365,000.
- Pew Charitable Trusts, Partnership for America's Economic Success, 2008, "The Monetary Value of Early Childhood Interventions," PI, \$48,000.
- European Commission, 2007-2008, "<u>Mainstreaming Methodology for the Estimation of the Costs of Crime</u>," Member of Research Team based at Univ. of York (UK). €677,841.
- YouthBuild U.S.A., 2007, The Monetary Value of Saving a High Risk Youth A Ten Year Update," PI, \$37,000.
- U.S. Department of Justice, National Institute of Justice, 2006. "Development of a 'Quality of Life' Index for U.S. Urban Areas." PI, \$75,882.
- U.S. Department of Justice, National Institute of Justice and United States Sentencing Commission, 1999-2000. "Measuring Public Perception of Appropriate Prison Sentences." PI, \$251,811.
- W. Alton Jones Foundation, 1996-7. "Does it Pay to be Green? The Relationship between Environmental & Financial Performance." PI, \$63,000.
- U.S. Department of Justice, Office of Justice Programs, 1995. Prepare paper on the social cost of a high-risk youth. \$5,280.
- National Pollution Prevention Center, 1995-6, "Pollution Prevention Marketing Compendium" PI, \$15,000.
- Department of Energy, 1995-7, "Reuse of Concrete from Contaminated Structures through Environmental Management - A Case Study Approach," (one of four faculty members on research team). \$350,000.
- -Washington Technical Information Group, Inc. (Research Contract), 1993-1994 "The Role of Alcohol Consumption in Violent Behavior," Co-PI with Mark W. Lipsey, Vanderbilt University. \$140,358.
- -U.S. Department of Justice, National Institute of Justice, 1991-1992. "Estimating the Costs and Consequences of Criminal Victimization," Co-PI with Ted R. Miller, Urban Institute. \$275,000.
- -U.S.-Japan Center for Technology Management, Vanderbilt University, research in Japan on government policy towards environmentally sound manufacturing, 1993.
- -University Research Council Grant, Vanderbilt University, 1993, 1995, 1997.
- -Summer Research Grant, Dean's Fund for Summer Research, Owen Graduate School of Management, Vanderbilt University, 1987-2008; 2011-2016.
- -Attended LEC Law Institute for Economists, George Mason University School of Law, 1987, (two week intensive course on the American legal system).

OTHER PROFESSIONAL ACTIVITIES

- Co-Chair, Scientific Program Committee, 2014 World Congress of Environmental Economists
- Member, Sustainability Advisory Panel, ExxonMobil Corporation, 2009-date (formerly "External Assessment Panel," 2009-2010; "External Citizenship Advisory Panel," 2011-17).
- Member, Stakeholder engagement panels, providing input on sustainability strategy and reports, Toshiba (2009) and Hitachi (2009)
- -Advisory Committee, Behavior, Energy and Climate Change Conference, 2009
- -Economic Experts Panel, John D. and Catherine T. MacArthur Foundation, "Models for Change Research Initiative," 2009.
- -Program Committee Organizer (Cost-benefit analysis), American Society of Criminology Meetings, 2007
- -Economic Experts Panel, John D. and Catherine T. MacArthur Foundation, "Estimating Economics Impacts of *Safer Return* – A Community Empowerment Reentry Initiative," 2006.
- -Member, National Institute of Justice, Review Panel for Establishment of a Center for Excellence in Civil Justice, 2005.
- Member, U.S. EPA Science Advisory Board, Illegal Competitive Advantage Economic Benefit Advisory Panel, 2004-5.
- Member, General Accounting Office, Expert Panel on Disclosure of Environmental Information in SEC filings, 2004.
- Advisory Board, Benchmark Survey of Global Environmental & Social Reporting, 2003
- Member, Program Committee, 2002 BELL Conference (Business Environment Learning Leadership), sponsored by World Resources Institute, July 2002.
- Member, Planning Committee, "Capital Markets and Environmental Performance" Workshops sponsored by U.S. Environmental Protection Agency, 2000-2006.
- Program Chair, 2000 BELL Conference (Business Environment Learning Leadership), sponsored by World Resources Institute, July 2000.
- Member, Steering Committee on Environmental Justice, Tennessee Department of Environment and Conservation (also serve as Chairman of the Steering Committee's Working Group on "Methods and Tools"), 1999-2000.
- Program Committee Organizer (Criminal Law), American Law and Economics Association Annual Meetings, 1999.
- Publications Team Member, Organizations and the Natural Environment Interest Group, Academy of Management, 1998-1999.
- Member, Subcommittee on Public Order and Safety, "1999 Guide for Community Improvement," Nashville Chamber of Commerce, 1998-9.
- Member, Commission on Law Enforcement and Justice, 1997-98 [Ad hoc Committee established by Mayor to recommend a plan to reduce violent crime in Nashville.]
- Member, Excellence Awards Selection Committee, DuPont Safety, Health and Environmental Excellence Awards, 1997.
- Academic Advisor, Future Business Leaders Project, Corporate Conservation Council, National Wildlife Federation, 1997.
- Member, Quality of Life Technical Advisory Team, Tennessee Environmental Priorities Project, 1994-1995
- Member, Committee on Law and Justice, American Statistical Association, 1990-1995
- Associate Consultants Panel, Journal of Criminal Law and Criminology, 1990-1994.

- Peer Reviewer, National Institute of Justice, Technical Assistance Program, 1990-date
- Member, Cost of Domestic Violence Roundtable, sponsored by Rockefeller Foundation and Victim Services, 1995-1996
- Chairman, Methodological Review Panel on Estimating the Cost of Drug-related Crime, American Statistical Association Committee on Law and Justice Statistics, 1991
- Review Panel Member, Bureau of Justice Statistics, U.S. Department of Justice, reviewer for "Drugs, Crime and Criminal Justice," 1991
- Member: American Bar Association (Associate); American Economic Association (AEA); Association of Environmental & Resource Economists (AERE); European Association of Environmental and Resource Economists (EAERE); National Association of Forensic Economists (NAFE); Society for Benefit-Cost Analysis

Ad Hoc Reviewer:

Journals: American Economic Review; Canadian Journal of Criminology and Criminal Justice; Conservation Biology; Criminology; Criminology & Public Policy; Ecological Economics; Economic Inquiry; Energy Economics; Environmental and Resource Economics; Environmental Economics; International Review of Law and Economics; International Review of Victimology; Journal of Accounting and Public Policy; Journal of the Association of Environmental & Resource *Economics*: Journal of Benefit Cost Analysis; Journal of Cleaner Production; Journal of Comparative Economics; Journal of Developmental and Life-Course Criminology; Journal of Environmental Economics and Management; Journal of Environmental Management; Journal of Experimental Criminology; Journal of Financial and Quantitative Analysis; Journal of Forensic Economics; Journal of Health Economics; Journal of Industrial Ecology; Journal of Institutional and Theoretical Economics; Journal of Interpersonal Violence; Journal of Law and Economics; Journal of Law, Economics and Organization; Journal of Policy Analysis and Management; Journal of Public Economics; Journal of *Quantitative Criminology*; *Journal of Research in Crime and Delinquency*; Journal of Risk and Uncertainty; Law and Policy; Management Science; Managerial and Decision Economics; Psychology, Crime and Law; Regulation and Governance; **Review of Economics and Statistics**; Social Problems; Social Sciences; Supreme Court Economic Review; The B.E. Journal of Economic Analysis & Policy: Violence Against Women; others.

Research Programs: Bureau of Justice Statistics, U.S. Dept. of Justice

- Economic and Social Research Council, U.K.
- European Science Foundation
- Fondazione Cariplo (Scientific Research Department)
- Management Institute for Environment & Business
- National Institute of Justice, U.S. Dept. of Justice
- National Pollution Prevention Center
- National Science Foundation (Economics Program)
- National Science Foundation (Law and Society Program)
- Research Grants Council, Hong Kong
- Social Sciences and Humanities Research Council of Canada
- Stockholm University (Faculty Position Assessment Committee)
- Swedish Environmental Protection Agency

CONSULTANT

Justice Research and Statistics Association (2017-2018): estimating cost of crime U.S. Department of Justice (2010-2015): analysis of auto and mortgage lending practices Federal Trade Commission (2001-2005): analysis of predatory lending practices and other

policy issues

University of Kansas (2001-2003): assist in study of corporate environmental performance and government intervention, funded by Environmental Protection Agency British Home Office (2002): review of cost of crime studies

- University of Maryland (various projects between 1999 and 2006): assist in cost benefit analysis of boot camps; NIDA funded cost-benefit study of substance treatment program; NIJ funded study of corporate environmental performance and the effectiveness of government interventions.
- Lodestar Management/Research (1999): assist in cost-benefit analysis of anti-gang program in California
- FAST Track Project, Duke University (1996): assist in developing cost-benefit analysis for longitudinal study of adolescent antisocial behavior; funded by U.S. Dept. of Health and Human Services
- National Public Services Research Institute (1993, 1996): analyze pain and suffering awards for consumer product injuries for CPSC
- University of Michigan Transportation Research Institute (1989-1990): compare cost of crime to auto crashes

Litigation Consulting

Monetary damages in personal injury, wrongful death, business valuation; Statistical analysis of discrimination (employment, insurance, loans, etc.); Valuation of class action lawsuit settlements; Antitrust analysis; Environmental compliance issues, monetary fines for noncompliance

Other Business-related Consulting (examples):

- Special Litigation Committee reporting to Board of Directors on whether to pursue derivative lawsuit alleging breach of fiduciary duty by officers & directors
- Briefed major alcohol manufacturer on role of alcohol in violence
- Defined "sustainability" and explored implications for a worldwide manufacturer.
- Assisted beverage manufacturer in preparing comments on draft U.S. Sentencing Commission Guidelines for corporations convicted of Federal crimes.
- Assisted international claims recovery firm in developing statistical evidence of magnitude of fraud for purposes of litigation.
- Market research and feasibility analysis of new service product development
- Consulted with mid-sized company on advisability of brand name extension.

MEDIA

Environmental Enforcement/Crime and Punishment

Research has been cited in major legal and business publications such as <u>Wall Street</u> <u>Journal</u> (1991, 1994), <u>Nation's Business</u> (1992), <u>Chemical Week</u> (1992) and <u>National Law</u> <u>Journal</u> (1993). It has also been cited in specialized trade newsletters (such as <u>Hazardous</u> <u>Materials Intelligence Report</u>, 1992). Quoted concerning recent government report on prosecution of corporations for environmental offenses: <u>Boston Globe</u> (1999). **Deepwater Horizon Gulf Oil Spill:** Interviewed on potential cost of spill to BP, <u>National Public</u> <u>Radio</u> show "Marketplace" (2010). Interviewed on BP's agreement to set up \$20 billion escrow fund, <u>National Public Radio</u> show "Morning Edition" (2010). Quoted on research on readiness to contain future spills (Greenwire, NYTimes.com, 2011); effectiveness of government enforcement to prevent future oil spills in North Dakota (<u>New York Times</u>, 2014) and various newspapers and blogs in ND, MN, Utah, etc. (2015).

Environmental Management, Corporate Social Responsibility and Financial Performance

Study with Investor Responsibility Research Center (1995) has been cited by numerous print media, including Washington Post (1995), Austin American-Statesman (1995), Greenwire News Service (1995), Fool.com (2012), and numerous regional newspapers and trade press. Interviewed on National Public Radio show "Environment," broadcast on over 200 public radio stations around the country (January 1996). Study with Shameek Konar on Toxic Release Inventory (1995) featured in article in Community & Worker Right-to-Know News (March 1996). Quoted in Wall Street Journal on viability of electric vehicle markets (February 1999). Quoted on aspects of corporate environmental reporting: Continental (December 2000), Green Business Letter (November 2001). Quoted on the value of good community relations: Continental (December 2002). Paper on socially responsible investing (w/Nick Bollen) cited and quoted in Wall Street Journal (2005) and mentioned on National Public Radio show "Morning Edition" (2005). Quoted in Christian Science Monitor (2005) on ethical investing following a natural disaster. Quoted in Chief Executive (2008) article, "Its Not Easy Being Green." Quoted in Tennessee Business (2008) article about 'greening' of MBA programs. Blog Posts on energy and environmental issues on RFF's climate policy blog www.weathervane.org, and the National Journal's Energy and Environment Expert Blog, www.energy.nationaljournal.com, 2009-2011. Quoted in Washington Monthly (2017) on study of "Porter Hypothesis" examining relationship between environmental regulation and competitiveness.

Sentencing of Corporations

Studies have been widely cited in both popular and legal press, including <u>Washington Post</u> (1989), <u>Associated Press Wire</u> (national coverage, 1989), <u>Wall Street Journal</u> (1990), <u>Business Week</u> (1991), <u>Financial World</u> (1991), <u>CFO</u> (1993), <u>Corporate Crime Reporter</u> (extensive interview in 1990; 1998), <u>Legal Times</u> (1989), <u>N.Y. Law Journal</u> (1990, 1991), <u>The Hill</u> (2015). **Pilot Flying J Company** corporate fraud allocations: Interviewed about potential corporate liability and mitigating factors in punishment. <u>Tennessean</u>, <u>USA Today</u> (2013).

Racial Disparity in Employment and Lending Practices

Study on racial disparity in automobile lending practices, *PRINT MEDIA*: New York <u>Times</u> (2000, 2001, 2003, 2004, 2005), <u>Washington Post</u> (2003, 2004), <u>Wall Street Journal</u> (2004, 2005), <u>Los Angeles Times</u> (2002, 2004); <u>Christian Science Monitor</u> (2004), <u>USA</u> <u>Today</u> (2004), <u>Associated Press</u> (2001, 2002, 2003, 2004, 2005), <u>United Press</u> <u>International</u> (2003, 2004), <u>Knight Ridder</u> (2004); <u>Forbes</u> (2003), <u>Automotive News</u> (2002, 2003), <u>Motor Trend Magazine</u> (2003), <u>Atlanta Journal-Constitution</u> (2003, 2004); <u>Black Enterprise</u> (2004); <u>Essence Magazine</u> (2004), <u>Chicago Tribune</u> (2001), <u>Davis</u> <u>Enterprise</u> (2005); <u>Detroit Free Press</u> (2003, 2004); <u>Detroit News</u> (2004); <u>DiversityInc</u> (2004); <u>Houston Chronicle</u> (2002, 2003, 2004); <u>Japan Times</u> (2004); <u>Memphis</u> <u>Commercial Appeal</u> (2001); <u>Miami Herald</u> (2002); <u>Milwaukee Business Journal</u> (2005); <u>Milwaukee Journal Sentinel</u> (2001, 2004); <u>New York Daily News</u> (2004); <u>Philadelphia</u> <u>Inquirer</u> (2005); <u>Sacramento Bee</u> (2003); <u>San Jose Mercury News</u> (2004); <u>St. Louis Post-</u> Dispatch (2001), Tennessean (2000, 2001, 2004, 2005); DIGITAL MEDIA: CNN.com (2004); The New Standard (2006); F&I Showroom Magazine (2009); TV & RADIO: ABC World News Tonight (2001), CNN National News and local television and radio stations around the nation including WNBC New York (2002), WABC New York (2003), KTLA Los Angeles (2002, 2003), KRIV Houston (2003), WLS Chicago (2003), WKRN-TV Nashville (2003), WZTV Nashville (2003), National Public Radio – NPR (2018). Named "Class Act" for auto lending studies by Money Magazine (January 2005). Study of employment discrimination in hiring and promotion practices, Tennessean (2002). Comment on government investigation of potential discrimination in mortgage lending, New York Times (2005).

Cost of Crime to Victims

Research has been cited and author quoted in various newspapers and magazines, including Washington Post (1991, 1995, 1997, 1999), Business Week (1993), U.S. News and World Report (1994), Associated Press Wire (1995, 1999), New York Times (1995, 1996), Wall Street Journal (2010), Chicago Tribune (1996), New York Times News Service (articles in local papers around the country, 1996), Los Angeles Times and Houston Chronicle (June 1997), Commercial Appeal (Memphis) (1995), Detroit News (1998), Baltimore Sun (1999); Baltimore City Paper (2016); Slate.com (Oct. 2010). Research featured in "Ideas and Trends" section of New York Times (June 1996). Subject of editorial in Tennessean (1996), and various articles in the Tennessean (1997, 1999); Nashville Banner (1997); and Nashville City Paper (2002). Op Ed article titled, "Early Prison Release, Consider Cost of Pain, Fear," Houston Chronicle (April 27, 1992). Quoted on various aspects of criminal justice, including USA Today (1992, 1993, 1994, 1996, 1999) and Washington Times (1994). Interviewed on various radio programs, including Dateline Vanderbilt, May 28, 1987 (broadcasted on 30 public radio stations around the country), WSM Nashville radio (1992); Knoxville Public Radio (1995); CBS Radio - Los Angeles, WABC - New York (April 1996); WLAC (Nashville), Tennessee Radio Networks, Tennessee Metro Networks, and InterVU Vanderbilt Radio (2002).

Monetary Value of Saving High Risk Youth

<u>Wall Street Journal</u> (March 1996), <u>New York Times</u> (April 1996, June 1996), <u>Associated</u> <u>Press Wire</u> (2003), <u>Baltimore Sun</u> (October 1996), <u>Palm Beach Post</u> (November 1996), <u>Times-Picayune</u> (February 1997), <u>Dallas Morning News</u> (July 1997), Everett, WA <u>Herald</u> (March 2005), <u>Seattle Times</u> (December 1997). Research summarized in <u>Youth Today</u> (July/August 1996; February 2008), <u>La Presse</u> (Montreal, July 1998), <u>The Economist</u> (August 2002), as well as smaller local and regional media (e.g. <u>Amarillo Business</u> Journal, 1998; <u>Richmond Times/Dispatch</u>, 2001; <u>St. Paul Pioneer Press</u>, 2005; *WSMV TV*, Nashville, 2008; and numerous websites related to high-risk youth prevention and service organizations. Interviewed on *WSM* Nashville radio (April 1996). Study and figures were cited in President Clinton's <u>National Drug Control Strategy</u>: 1996 and <u>National Drug</u> <u>Control Strategy</u>, 1998: A Ten Year Plan transmitted to Congress. *Television interview*: series on juvenile crime, *WSMV* – Nashville (2006).

Other Crime Policy Issues

Numerous articles quoting research on **crime** in Nashville and coverage of Nashville's Crime Commission (<u>Tennessean</u>, <u>Nashville Banner</u>, Fall 1997, Winter 1998, Fall 1999), <u>Atlanta Journal and Constitution</u> (January 1998 and December 1998); <u>Tennessean</u> (2010).

Featured guest on Teddy Bart's Roundtable radio show and Channel 65 Newstalk TV Show, October 1997. Interviewed by Nashville Public Radio on local crime issues (1998 -2000). Quoted on crime related issues in <u>Tennessean</u> (1999, 2000, 2002). Study on effect of **private prisons on cost of public prisons** cited in <u>Arizona Republic</u> (2003), <u>Heartland Institute</u> (2005), <u>Nashville City Paper</u> (2005), <u>Winnipeg Sun</u> (2010). Study on **costs and benefits of Youthbuild Offender Project** cited in Christian Science Monitor (2009), Fresno Bee (2016). Quoted on **costs and benefits of private prisons**, <u>Philadelphia</u> <u>Inquirer</u> (2010).

TEACHING EXPERIENCE

Vanderbilt University:

MBA Program

-Corporate Strategies for Environmental, Social & Governance Issues, Fall 2011-2018, Spring 2012-2015

-Financial Analysis of Environmental, Social & Governance Issues, Spring 2012-2018 -Doing Business in Israel, project course, Spring 2014-2018

-Corporate Strategies for Environmental and Social Responsibility, Spring 2001, Fall 2002, Spring 2003, Spring 2006, Fall 2006, Fall 2007, Spring 2008

-Future of Energy Markets in a Low Carbon Economy, Fall 2011-2018

-Doing Business in Brazil, project course, Spring 2012, 2013

- -Economics of Organizations. Fall 1998 to 2002, Spring 2000, Fall 2005 to 2007.
- -Economic, Social and Legal Environment of Organizations. 1986 to 1996.
- -Economics of Businesses, Consumers & Markets. Fall 1996 and Fall 1997.
- -Environmental Issues in Marketing. Fall 1996 & 1997, Spring 1999, Fall 1999, Fall 2001.
- -Environmental Issues in Operations. Spring 1997, Spring 1998, Spring 1999, Fall 1999.
- -Law and Business of Climate Change (joint at Law School), Spring 2008, Fall 2012, Spring 2015
- -Law and Economics Seminar (Law & Business Program with Law School), Spring 2005
- -Leadership in Practice: Corporate Social Responsibility in the Global Economy, Spring 2006, Fall 2006.
- -Management of Environmental Issues. Spring Semesters: 1993 1996, 2001.

-Private Environmental Law and Voluntary Overcompliance (taught jointly with Law School), Spring 2003, 2004, 2006.

-Regulation and the Law. Spring 1999.

- -Seminar on Strategic Environmental Issues. Fall Semesters: 1993, 1994, and 1995.
- -Special Topics: Corporate and White Collar Crimes. Spring 1987.

Executive MBA Program

-Economics of the Firm. Fall 1987 - Fall 1994

-Environmental Management Issues (short course). Spring: 1995, 1996, 1998 and 1999. -Nonmarket Strategy (Regulation and Business Law). Spring: 2000-2003.

International Executive MBA Program

-Economics for Managers. Spring 1997

Executive Education (sponsored by Owen)

 Economics of Organizations. One to two day executive course offerings to various companies, including PFG Group (2000); Hancor Corp. (2001); Tennessee Valley Authority: (2002, 2005, 2007, 2008, 2012, 2013); Bristol-Myers Squibb: 2000-5.

Executive Education (sponsored by VCEMS)

- Can You Compete with 21st Century, Inc.? A New Paradigm for Managing Your Business Under Environmental Constraints. May 1-3, 1995; May 21-2, 1996.
- Transforming Envt'l Management into a Core Business Function. April 29-30, 1997.
- Corporate Environmental Reports: The State of the Art and Beyond. January 26-7, 2000.
- Corporate Environmental and Sustainability Reporting: A New Look for the Information Age. May 22-23, 2001.

Carnegie-Mellon University (Undergraduate Courses)

-Instructor; Intermediate Microeconomics. Fall 1983.

-Teaching Assistant; Principles of economics, Regulatory Process, 1981-1983.

VANDERBILT COMMITTEES

University:

Chair, Promotions and Tenure Committee, 2018-date Chair, Faculty and Staff Benefits Committee, 2005-2008 Chair, Campus Sustainability Workgroup, 2005-2007 Member. Promotions and Tenure Committee, 2017-date Member, University Conflicts Committee, 2016-date Member, Faculty Database Project Steering Committee, 2004-2005 Member, Faculty Senate Conflict of Interest Task Force, 2003-2004 Member, Univ. Review Committee on Vanderbilt Institute of Public Policy Studies, 2002 Member, Search Committee for Cal Turner Distinguished University Professor of Ethics and Moral Leadership, 1994-1998 Owen Representative, Central Library Advisory Committee, University, 1989-1991 Owen Representative, Graduate Student Conduct Council, 1995-1997 **Owen:** Chair, Health Care Chair Search Committee, 2013-2018 Member, Dean's Advisory Council, 2013 Area Head, Economics and Strategy Group, 1998-2008 Chair, Economics/Strategy Faculty Search Committee, various years Chair, Faculty Research Committee, 1992-1997 (Member: 1991-2; 2005-2008) Faculty Advisor, Net Impact (Student Club on Socially Responsible Business), 2000-2008, 2011-date Faculty Advisor, Energy Club, 2011-date Faculty Advisor, Jewish Business Association, 1996-2008; 2011-date Faculty Advisor, TVA Investment Challenge, 2001-2008 Member, Dean's Search Committee, 2004-5, 2013 Member, Curriculum Review Committee, MBA (2001-2), EMBA (2002-3) Member, Electronic Executive MBA Oversight Committee, 2000 Member, Various Committees (including Teaching Evaluation, Policy Committee, Committee on Instruction, Admissions, and search committees), 1986-2001

Ph.D. Committee Member:

Business Strategy: Charles Donovan (IE Business School, Madrid)

Criminology/Sociology: Gabriel Chapman; Rosevelt Noble, Dasom Lee

Economics: Shameek Konar (Chair); Smita Bhatnagar Brunnermeir (Chair); W. Alan Bartley (Chair); T. Randolph Beard, Chyong-Chiou Jeng, Teresa Meyer Waters, Chang-Jin Suh, H. Shelton Brown, III., David Sapper, Achintya Ray, Pingping Shan, Suman Seth, Carolyn Abraham Engineering: Kenneth W. Ayers; James Dobbins

Environmental Management: Timothy Greene (Chair); Byung-Jun Jeon (Chair); Woranut Koetsinchai; Susan S. Buck (Chair); David W. Case (Chair); Edsel Daniel; Ann Olsen (Chair); Kristen Shepherd; Marcella Recher (Chair); Kevin Kostelnick; Andrea George; Shari Meghreblian; Derek Bryant; Leah Spradley

Finance: Rick Alyn Cooper

Law & Economics: Jinghui Lim

Mgt. of Technology: Warren Sharp, Maggie Curtin, Budi Darmadi, Rajive Dhingra Organization Theory: Carol Bissinger Graham Public Policy: Anchana A. Na Ranong, Victoria Konar (Chair)

TEACHING & RESEARCH INTERESTS

-Microeconomics -Government Regulation of Business -Law and Economics -Environmental Management -Crime and Justice -Corporate Social Responsibility