Professor of Economics Roosevelt University College of Arts and Sciences 430 S. Michigan Ave Chicago, IL 60605 USA

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Stephen Thomas Ziliak is Full Professor of Economics and Faculty Member of the Social Justice Studies Program at Roosevelt University where as a faculty member he was elected to and served on the Board of Trustees from 2010 to 2013. Concurrently he is Conjoint Professor of Business and Law, University of Newcastle, Australia; Faculty Affiliate in the Graduate Program of Economics, Colorado State University; and Faculty Member of the Angiogenesis Foundation, Cambridge.

In 1996 at the University of Iowa he earned the Ph.D. in Economics and at the same time the first-ever awarded Ph.D. Certificate in the Rhetoric of the Human Sciences, also at the University of Iowa. Previous academic appointments include Emory University, Bowling Green State University, and Georgia Institute of Technology where at the latter he was voted "Faculty Member of the Year" (2001-

His contributions to the seemingly disparate fields of economic statistics and poetry include Guinnessometrics, the cult of statistical significance, haiku economics, and renganomics. His research has appeared in many leading journals including *Journal of Economic Literature, Journal of Economic Perspectives, The Lancet, Poetry, Journal of Economic History, Journal of Economic Methodology, The American Statistician, Review of Behavioral Economics, Biological Theory, and Journal of Wine Economics, and in an unusually wide range of niche publications, from <i>Cato Journal* to *Rethinking Marxism.* His internationally-reviewed *Poetry* essay, "Haiku Economics: Money, Metaphor, and the Invisible Hand," is discussed by the editors of *Who Reads Poetry? Fifty Views from Poetry Magazine* (edited by Fred Sasaki and Don Share, University of Chicago Press 2017) together with essays by Richard Rorty and Ai Weiwei, Roxanne Gay and Neko Case, Roger Ebert and Rhymefest.

Contributor to the historic and far-reaching American Statistical Association "Statement on Statistical Significance and P-values" (2016) Ziliak is probably best known for *The Cult of Statistical Significance: How the Standard Error Costs Us Jobs, Justice, and Lives* (2008), a best-selling and critically-acclaimed book at the University of Michigan Press with Deirdre N. McCloskey. With McCloskey and Arjo Klamer he is coauthor of *The Economic Conversation*, an evolving textbook and blog emphasizing dialogue and openness; and he edited and contributed to *Measurement and Meaning in Economics: The Essential Deirdre McCloskey* (Edward Elgar, 2001). An Associate Editor of *Historical Statistics of the United States* (Cam

Thesis Committee—Bruce E. Gronbeck (Advisor, Communication Studies), Frederick J. Antczak (Advisor, Rhetoric), John S. Nelson (Political Science), and Deirdre N. McCloskey (Economics, History)

Indiana University-Bloomington—B.A. Economics (1986)

Roosevelt University—Full Professor with tenure (2006-present)

Faculty of Economics, Honors Program, and Social Justice Studies Program (Graduate and Undergraduate)

Winner of the 1<sup>st</sup> Roosevelt Research Award for research excellence by a Full Professor, Office of the President, Roosevelt University (2016)

Roosevelt University—Associate Professor (2003-2006)

School of Policy Studies, Faculty of Economics, Honors Program and Social Justice Studies Program (Graduate and Undergraduate)

Emory University—Visiting Assistant Professor (1999-2003)

Faculty of Economics and Honors program, Faculty Mentor, Graduate Institute of Liberal Arts (ILA Ph.D. program)

Georgia Institute of Technology—Visiting Assistant Professor (2000-2003)

Faculty of Economics, Ivan Allen College of Liberal Arts

Georgia Tech

- University of Oxford, New College—Visiting Researcher, Guest of the Warden (May 2017)
- Colorado State University— Faculty Affiliate, Graduate Program in Economics (October 2016 present)
- University of Newcastle (Australia)—Conjoint Professor, Faculty of Business and Law (July 2016 present)
- Trinity College-Dublin—Visiting Professor, Department of Economics, PhD program (March 2016); Visiting Researcher, Trinity Research Institute for Social Science (TRISS, April 2017)
- Queen's University-Belfast—Visiting Professor, PhD program Queen's Management School, Northern Ireland (March 2016)
- The Angiogenesis Foundation—Faculty Member, Cambridge, MA (April 2015 present)
- KU Leuven (Katholieke Universiteit Leuven)— Visiting Professor, Leuven, Belgium; Postdoc and PhD programs university-wide, including Law and the LICOS Centre for Institutions and Economic Performance (May 2009, May 2012, June 2014, May 2019)
- Arts et Métiers (Paris Tech)—Visiting Professor, Paris, France; Graduate programs in Management Sciences, Bioengineering, and English (November 2011, November 2012)
- Kadir Has University—Visiting Professor, Istanbul, Turkey Graduate Faculty of Economics and Administrative Sciences (April 2012)
- Sorbonne-Institut d'Administration des Entreprises de Paris (Sorbonne Graduate Business School): Visiting Professor (November 2011)
- University of Wisconsin-Madison—Visiting Professor, School of Medicine and Public Health, Robert Wood Johnson Health & Society Scho(s)] TJHBT1 0 0 1

- University of Aarhus—Visiting Professor, Aarhus, Denmark; CREATES Center for Research in Econometric Analysis of Time Series (June 2008)
- Erasmus Universiteit Rotterdam—Visiting Professor, Erasmus School of Economics, The Netherlands (March 2006)
- University of Manchester, UK— Visiting Professor, Post-Graduate Workshop on Advanced Research Methods, Association for Heterodox Economics (February 2005)
- Indiana University-Purdue University—Visiting Professor, Jane Addams Fellows Program, Center on Philanthropy (1997)
- University of Iowa—Project on Rhetoric of Inquiry (PoROI): Resident Scholar (1993-1996)
- University of Iowa—Instructor, Economics (1994)
- University of Iowa—Ph.D. Research Assistant (1992-1994) for D. N. McCloskey. Copyedited and assisted in research for McCloskey's book, Knowledge and Persuasion in Economics (Cambridge University Press, 1994)
- Indiana Department of Workforce Development—Research Analyst (1991), Indianapolis. Conducted post-program statistical evaluation of welfare-to-work programs initiated by the Job Training Partnership Act (JTPA)
- Indiana Department of Workforce Development—Labor Market Analyst (1988-1991), Indianapolis. Lead analyst of a small team making long-run regression model-based forecasts

Economic History Statistical Methods Ethics & Economics Welfare & Poverty Applied Microeconomics Guinnessometrics Rhetoric & Philosophy

University Press, 2016), with Edward Teather-Posadas. G. DeMartino and D.N. McCloskey, eds.

Media: The New York Times, Financial Times, World Bank

13. "Haiku Economics: Money, Metaphor, and the Invisible Hand," *Poetry* 197, no. 5 (Jan. 2011): 314-316.

Media: Wall Street Journal, The Economist, Poetry editors, Intelligent Life, The Atlantic, Haiku Foundation, many others

Cited by *Poetry* editors as the most-read essay to appear in "The View from Here" column

14. "Haiku Economics: Little Teaching Aids for Big Economic Pluralists," *International Journal of Pluralism and Economics Education* I (No. 1/2, 2009), pp. 108-129.

Media: NPR, Wall Street Journal, Chronicle of Higher Education

15. "Verses of Economy," with Steve Kolowich, *Chronicle of Higher Education* 55, Issue 37 (May 22, 2009), p. A6.

Media: NPR Planet Money, NPR Boston

- 16. "Self-Reliance Before the Welfare State: Evidence from the Charity Organization Movement in the United States," *Journal of Economic History* 64 (2, June 2004): 433-461.
- 17. "The End of Welfare and the Contradiction of Compassion," *The Independent Review* I (1, Spring 1996), pp. 55-73.
- 18. "Public A ssistance: Colonial Times to the 1920s" (with the assistance of Joan Underhill Hannon), *Historical Statistics of the United States: Colonial Times to the Present* (Cambridge University Press and U. S. Bureau of the Census, 2006). Eds. Susan B. Carter, Richard Sutch, et al.
- 19. "Signifying Nothing: Reply to Hoover and Siegler," *Journal of Economic Methodology* 15 (1, March 2008): 39-55, with Deirdre N. McCloskey

20. (Rap video) "Fear the Economics Textbook (Story of the Next Crook): A Rap Video," by Stephen T. Ziliak and the RU Ready 4Justice Collective, YouTube (May 4 2015).

Media: Inside Higher Ed, The NatSubal Review and many economics blogs

- 21. "Why We Made the Economics Rap Video: Fear the Economics Textbook," *IntFrnational Journal of Pluralism and Economics EducatSul* (1, Summer 2015): pp. 1-6.
- 22. "The Significance of the American Statistical Association Statement on Statistical Significance and P-Values," *The American Statistician* (March 7, 2016).
- 23. (Lead author) "The Unprincipled Randomization Principle in Economics and Medicine", chp. 22 in Oxford Handbook on ProfessSubal Economic Ethics(Oxford University Press, 2016), with Edward Teather-Posadas. Editors: G. DeMartino and D.N. McCloskey.
- 24. (Lead author) "Lady Justice v. Cult of Statistical Significance: Oomphless Science and the Newd25.59 Tm[(Univ)-3(er630033m[(S)5(c)4(ia)7(tistici)-3(a)4(n)-3<)-3<catSub

Record: Christopher J. McDonald, Labaton Sucharow LLP, New York, NY.; 36 pp. with illustrations. Coauthors: C. Cranor, D. McCloskey.

The case went up to the U.S. Supreme Court; oral arguments were in Jan. 2018. This is Ziliak's second invited contribution to a U.S. Supreme Court case. The first was in 2011, Matrixx, Inc. v. Siracusano, et al., which his side won in a unanimous 9-0 decision.

29. "Statistically Significant Journey: How to Grow the Economy and Keep Your Hair," in *Annual Proceedings of The Wealth and Well- Being of Nations (In honor of Deirdre N. McCloskey*), Beloit, WI (Beloit College, 2017), ed. Warren Palmer

Essays from leading economic historians including Deirdre McCloskey, Joel Mokyr, and Stephen Ziliak.

- 30. "What is Statistics? Haiku", A merican Statistical A ssociation website (www.amstat.org)
- 31. "Honest A be was a Co-op Dude: How the Donald can Save America from Capital Despotism," pp. 439-451 in *Trumponomics: Causes and Consequences* (London: World Economics Association, 2017), eds. Edwar

- 36. Co-editor, *The American Statistician* (2018, Special Issue: "Statistical Inference and Scientific Method in the World Beyond p < 0.05")
- 37. "The Making of an Ethical Econometrician" (with Edward Teather-Posadas), in Ioana Negru and Wilfred Dolfsma, eds.,

46. (Editor & contributor) *Measurement and Meaning in Economics: The Essential Deirdre McCloskey* (Edward Elgar Ltd., 2001); paperback, Jan. 2003; Economists of the Twentieth Century Series.

Review: John F. Henry, Review of *Measurement and Meaning in Economics: The Essential Deirdre McCloskey*, Stephen Ziliak, ed., *History of Economics Review*, Vol. 35 (Winter) 2002.

47. The Economic Conversation (2007). With Arjo Klamer and Deirdre McCloskey.

A 35 chapter textbook introduction to micro and macro employing Socratic dialogue, historical fiction, and alternative economic perspectives.

53. "Some Tendencies of Social Welfare and the Problem of Interpretation," Cato Journai ETBT 1 0 0 1i

65. "The Unreasonable Ineffectiveness of Fisherian 'Tests' in Biology and Especially Medicine," *Biological Theory* 4 (1, Winter 2009), pp. 44-

75. "Matrixx v Siracusano and Student v Fisher: Statistical Significance on Trial," Significance 8(3, Sept. 2011): 131-134. A journal of the Royal Statistical Society and of the American Statistical Association.

Presented at a late-breaking session of the Joint Statistical Meetings with Donald Rubin (Harvard), Joseph Kadane (Carnegie Mellon), and Danny Kaplan (Macalester), Miami, FL, Aug. 3, 2011; summary published in *Amstat News* (a magazine of the American Statistical Association), Sept. 2011.

- 76. "Visualizing Uncertainty: Comment on Soyer and Hogarth's 'The Illusion of Predictability: How Regression Statistics Mislead Experts'", International Journal of Forecasting, forthcoming July 2012. Symposium on behavioral econometrics, with J. Scott Armstrong, D. Goldstein, K. Ord, N. N. Taleb, R. Hogarth, E. Soyer, and others.
- 77. "Does Statistical Significance Stink?" Economist's View, Jan. 5, 2011.
- 78. (Lead author). "Lady Justice v. Cult of Statistical Significance: O omphless Science and the New Rule of Law," Social

85. "I am Stephen T. Ziliak, author of The Cult of Statistical Significance," invited interview by reddit, Ask Social Science/Ask Me Anything, Feb. 28, 2013.

http://www.reddit.com/r/AskSocialScience/comments/19fabg/i\_am\_stephen\_t\_ziliak\_author\_of\_the\_cult\_of/

86. "reddit, good evening! Haiku economist here; A sk me anything. - Stephen T. Ziliak", invited interview by reddit, A sk Me A nything, March 28, 2013.

http://www.reddit.com/r/IAmA/comments/1b7ags/reddit\_good\_evening\_haiku\_economist\_here\_ask\_me/

- 87. "The Spontaneous Order of Words: Economics Experiments in Haiku and Renga," *International Journal of Pluralism and Economics Education 5 (3, July 2014), forthcoming.*
- 88. (with E. R. Teather-Posadas): "Randomization in Theory and Practice: Reply to Jed Friedman," A pril 2014, Stephen Ziliak @ Roosevelt University website.

http://sites.roosevelt.edu/sziliak/w-s-gosset-aka-student/randomization-in-theory-and-practice/

- 89. "Renganomics," Economist's View, May 14th 2014.
- 90. "Haiku Economics: Debt Crisis," Economist's View, October 10<sup>th</sup>, 2013.
- 91. "Honest A be Was a Co-op Dude," Economist's View, November 2014. http://SSRN.com

92

95. "The Economic Significance of So-

- 105. Review of Hugo A. Keuzenkamp's <u>Probability, Econometrics, and Truth: The Methodology of Econometrics</u> (Cambridge: Cambridge University Press, 2000), *Journal of Economic History* 61 (2, June 2001), pp. 578-80.
- 106. Review of Joel Schwartz's <u>Fighting Poverty with Virtue</u>: <u>Moral Reform and America's Urban Poor, 1825-2000</u> (Indiana University Press, 2000), *The Independent Review* 6 (2, Spring 2002).
- 107. Review of A lice O'Connor, Chris Tilly, and Lawrence D. Bobo, eds., <u>Urban Inequality: Evidence from Four Cities</u>, *Journal of Economic History* 61 (4, Dec. 2001), pp. 1145-6.
- 108. Review of Steven King's <u>Poverty and welfare in England, 1700-1850</u> (Manchester University Press, 2000), Economic History Association, EH-Net, October 2001.
- 109. Review of Steven King's <u>Poverty and welfare in England, 1700-1850</u>, *Journal of Interdisciplinary History* (Fall 2002).
- 110. Review of Robert A. Margo's <u>Wages and Labor Markets in the United States</u>, <u>1820-1860</u>, *International Review of Social History* 47 (3, Dec. 2002), pp. 496-99.
- 111. Review of Sheldon Danziger and Robert Haveman, ed., <u>Understanding Poverty</u>, *Journal of Economic History* 62 (4, Dec. 2002), pp. 1165-6.
- 112. Review of Jeffrey Sklansky's <u>The Soul's Economy: Market Society and Selfhood in American Thought, 1820-1920</u>, *Journal of Economic History* 63 (3, 2003), pp. 903-5.
- 113. Review of Lawrence J. Friedman and Mark D. McGarvie's <u>Charity</u>, <u>Philanthropy</u>, and <u>Civility in American History</u>, *Journal of Economic History* 64 (1, March 2004), pp. 273-4.
- 114. Review of Peter Saunder's <u>The End and Means of Welfare</u>, *Economic Record* 80 (250, September 2004), pp. 346-57.
- 115. Review of Tony Lawson's <u>Reorienting Economics</u>, *Journal of Socio-Economics* (Feb. 2008), pp. 453

2.

Economics; University of Illinois-Chicago Departments of Biostatistics, Epidemiology, and English; and University of Illinois Champaign-Urbana Department of Agricultural and Consumer Economics.

Advanced Microeconomics (MA program): Roosevelt (2007-present)

Theme (1st course): Big Think Microeconomics: History, Problems, and Prospects

Theme (2<sup>nd</sup> course): Big Think Microeconomics: History, Problems, and Prospects of Social Justice

Advanced Macroeconomics (MA program): Roosevelt (Fall 2003, Spring 2004, Fall 2004, Spring 2005, Fall 2005)

Theme: How Growth and Development Models Fail

Rhetoric and Writing in Economics and Other Human Sciences: Roosevelt University (Spring 2006 – present). MA-level/BA-level cross-listed course; KU Leuven PhD and Postdoc course (Summer 2012, 2014).

Theories of Justice in Economics and Philosophy: Roosevelt (2007 – present). MA/BA cross-listed; Arts et Metiers (ParisTech) (Nov. 2011). M.S. course (~100 students)

Primary Texts (College of Arts and Sciences): Roosevelt University (Spring 2012, Fall 2012)

Theme: How to read Adam Smith

Honors Seminar: What is Social Justice? (Cross-listed with Economics and Social Justice Studies, Fall 2013)

Theme: mix of theory and case studies, from Marx to MLK Jr. and Martha Nussbaum3(L)11(K)-3(Jr. and )11(M)-3(ar)-4( )11a8M

Theme: "Empirical Analyses of Anti-Poverty Programs"

Public Finance: Emory University (Fall 1999, Spring 2002); University of Iowa (Fall 1994), with Thomas F. Pogue and (Spring 1995) with Larry Sgontz

Theme (at Emory): "The Rise and

- <u>Statistics of the United States</u>. With Joan Underhill Hannon and Price Fishback. Fort Worth, TX, November 1999
- "Pauper Fiction: Paupers in Almshouses and the Odd Fit of *Oliver Twist*, 1850-1923." Fourth World Congress of Cliometrics, Montreal, July 6-9, 2000
- "Measures of Poverty A cross Time and Space: The Challenges of Building Historical and International Poverty Measures," Social Science History Association, Pittsburgh, October 26-29, 2000.
- "Standard Errors in the 1990s," Eastern Economic Association, New York City, Feb. 2003
- "Interpretative Econometrics from to: Heterodox Economics and the Resurrection of Economic Significance," ICA PE Conference on the Future of Heterodox Economics, University of Missouri-Kansas City, June 5-7, 2003.
- "From Worthy Widows to Welfare Queens? T

Reparations for Descendants of African-American Slaves

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Figlio, Deirdre McCloskey, Robin Goldstein, Ralph Cintron, Robert Fairbanks, Morton Schapiro, Gary Saul Morson, James Robinson, Samuel Barbour, Craig Gundersen, Jacques Ngoie, Joseph Persky, Daniel Saros, Bilge Gursoy, Mara Squicciarini, Christian Delgado, Lisa Barrow, James P. Ziliak, Arjo Klamer, David Ruccio, and many more.

- Established a "Memorandum of Understanding" for the international exchange of faculty, administrators, and students of Roosevelt University and the University of Newcastle-Australia (December 2015).
- Established a "Memorandum of Understanding" for the international exchange of faculty, administrators, and students of Roosevelt University and Kadir Has University, Istanbul (December 2012).
- Established a "Memorandum of Understanding" for the international exchange of faculty, administrators, and students of Roosevelt University and Academie Vitae (Deventer, The Netherlands). With Arjo Klamer (President and Founder of Academie Vitae), Rubee Li Fuller, and others. Spring 2006-Spring 2007.
- Developed Quantitative Assessment System for Core Courses, Roosevelt University, School of Policy Studies, Spring 2004.
- Supervised Quantitative Assessment for Core Courses, Roosevelt University, School of Policy Studies, 2004-2008.
- (Chair) Faculty Search Committee, Economics 2004-2005.
- (Chair) Faculty Search Committee, Economics, Roosevelt University, 2005-2006.

Member, Provost Search Committee, 2008.

Co-Author, Environmental SCAN, Faculty of Economics, Roosevelt University, 2004-2005. With Sam Rosenberg.

Committee Member, Faculty Search Committee, Political Science, Roosevelt University, 2003-2004.

Developed New Course: "The Rhetoric of Economics and Other Human Sciences in Public A ffairs." First offered Spring 2006 (MA and BA cross list).

Developed New Course: "Theories of Justice in Economics and Philosophy." First offered Spring 2007 (MA and BA cross list).

- Faculty Advisor, RACES, an Emory University student organization dedicated to thinking about issues of race and ethnicity.
- Faculty Advisor, Executive Round Table (ERT), Georgia Tech, 2003-2004.
- Invited Member, Honor's Recognition Program Selection Committee, Georgia Tech, 2003-2004.
- Master's Committees: Georgia Tech School of Economics: Jessica Madriaga (M.A., 'O4).
- Senior Thesis Committees: Rachel Tan (Emory, '01); Rudy Mehrbani (Emory, '02); Katie High (Emory, '02); Steven Popick (Georgia Tech, '02); Sean Carroll (Georgia Tech, '02); Daniel "Kory" Bilton (Georgia Tech, '03).
- Designed New Graduate-Level Course: "Research Methods in Economics," Georgia Tech, 2001.
- Designed New Undergraduate Seminar: "Poverty and Discrimination" (Honors), Emory University.
- Faculty, the Ph.D. Program in Institutional Theory and History (Co-Directors: John Hoag [Economics], Ned McClennan [Philosophy], Don Rowney

Dissertation Committees: Ph.D. program in Policy History, Department of History, Students: Mark Phillips (1996-2000); David Trevino (1998-).

Master's Committees: Master of Organization Development, College of Business Administration, Students: Aruna Fernandes (M.A., 1997).

And last but not least: Promotion and Tenure Committee (1997-8), External Review Committee (1997-8), Graduate Committee (1997-8), Salary Advisory Committee (1997-8), Committee for the Evaluation of Leadership under the Chair (1998-2000), A ssessment Committee, "Moral Reasoning in Undergraduate Economics" (1999) and Scholarship Committee (1997-98).

Agricultural and Applied Economics Association (AAEA); Association for Integrity and Responsible Leadership in Economics and Associated Professions (AIRLEAP); American Association of Wine Economists (AAWE); American Economic Association (AEA); American Statistical Association (ASA), Association for Social Economics (ASE); Association for Heterodox Economics (AHE); Beeronomics Society; Cliometric Society; Economic History Association (EHA); European Historical Economics Society; History of Economics Society (HES); Interdisciplinary Nineteenth-Century Studies Association; Social Science History (SSHA); World Economics Association (WEA)