

Andrew P. Weinbach
Professor of Economics
Wall College of Business Administration
Coastal Carolina University

Experience in Higher Education

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|-------------------------------|---|-----------|
| Professor | Wall College of Business, Coastal Carolina University | 2014- |
| Associate Professor | Wall College of Business, Coastal Carolina University | 2010-2014 |
| Assistant Professor | Wall College of Business, Coastal Carolina University | 2006-2010 |
| Dir. of Outreach Activities | BB&T Economics Summer Camp, Clemson University | 2003-2007 |
| Assistant Professor | Dept. of Economics, Armstrong Atlantic State University | 2005-2006 |
| Visiting Instructor | Dept. of Economics, Armstrong Atlantic State University | 2002-2005 |
| Graduate Assistant/Instructor | John E. Walker Dept. of Economics, Clemson University | 2001-2002 |
| Graduate Assistant | John E. Walker Dept. of Economics, Clemson University | 1995-1998 |

Business Experience

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|------------------------------|--|-----------|
| Project Manager, Consultant | Internetwork Engineering, Charlotte, NC | 2001-2001 |
| Consultant, Project Manager | Optimal Solutions, Columbia, SC | 2000- |
| Consultant | Eltrax Systems, Atlanta, GA | 1999-1999 |
| Project Manager, Consultant | Information Tech. Enterprises, Charlotte, NC | 1998-1999 |
| Network Engineer, Technician | The Computer Group, Columbia, SC | 1989-1995 |

Education

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|-------|---|--|------|
| Ph.D. | Applied Economics (Fields: Industrial Organization, Financial Economics) | Clemson University, Clemson, SC | 2005 |
| B.A. | Economics | University of South Carolina, Columbia, SC | 1992 |

Research Interests

Sports Economics, Financial Economics, Behavioral Economics, Applied Microeconomics,

Teaching

Courses Taught

Applied Econometric Analysis, Applied Pricing Analysis, Economics of Entrepreneurship, Economics of Sports, Industrial Organization, Intermediate Microeconomics, Managerial Economics, Mathematical Economics, Principles of Macroeconomics, Principles of Microeconomics, Senior Research Seminar, 'Behavioral Finance in Sports and Financial Markets' at Johannes Kepler University – Linz, Austria (2017)

Research (Google Scholar citations count = 1,180, h-index = 21, as of August, 2020)

Published Papers and Book Chapters

1. Paul, R., Weinbach, A. P., & Riccardi, N. (2019). Attendance in the Canadian Hockey League: The Impact of Winning, Fighting, Uncertainty of Outcome, and Weather on Junior Hockey Attendance. *International Journal of Financial Studies*, 7(1), 12.
2. Paul, R., Weinbach, A. P., & Mattingly, J. (2018). Tests of Racial Discrimination in a Simple Financial Market: Managers in Major League Baseball. *International Journal of Financial Studies*, 6(1), 24.
3. Paul R. and Weinbach, A. P. (2017). An Exploration of Dynamic Pricing in the National Hockey League. *Breaking the Ice*, Springer, Frick, Bernd Editor.
4. Paul, R. and Weinbach, A. P. (2017). 'Hot arms' and the 'hot hand': bettor and sportsbook reaction to team and pitcher streaks in Major League Baseball. *The Economics of Sports Betting*, Edward Elgar Publishing, Rodriguez, P., Humphreys, B.R., and Simmons, R.
5. Humphreys, B. R., Paul, R. J., & Weinbach, A. P. (2016). Performance expectations and the tenure of head coaches: Evidence from NCAA football. *Research in Economics*, 70(3), 482-492.
6. Paul, R., & Weinbach, A. (2016). Similarities and differences between competitive balance and uncertainty of outcome: a simple comparison of recent history in the NBA and NFL. *Research Handbook of Employment Relations in Sport*.

7. Paul, R. J. & Weinbach, A. P. (2015). The betting market as a forecast of television ratings for primetime NFL football. *International Journal of Sport Finance*, 10(3), 284-296.
8. Paul, R. & Weinbach, A. (2015). Using Prediction Market Prices to Differentiate Factors that Influence the Highest and Lowest Priced Tickets in Dynamic Pricing for Major League Baseball. *Journal of Prediction Markets*, 9(2), 43-63.
9. ¹Paul, R. J., Weinbach, A. P., Robbins, D. (2015). Fighting, Winning, Promotions, and Attendance in the ECHL. *Sport, Business, and Management: an International Journal*, 5(2), 139-156.
10. Humphreys, B., Paul, R. J., & Weinbach, A. P. (2014). Bettor Belief in the 'Hot Hand' : Evidence from Detailed Betting Data on the NFL. *Journal of Sports Economics*, 15(6), 636-649.
11. Paul, R. J., Weinbach, A. P., & Weinbach, C. J. (2014). The Impact of Atmospheric Conditions on the Baseball Totals Market. *International Journal of Sport Finance*, 9(3), 249-260.
12. Paul, R., Weinbach, A., & Wilson, M. (2014). Bettor Habits When Point Spreads and Money lines are Offered on the Same Game: The NFL. *Journal of Prediction Markets*, 8(3), 57-74.
13. Humphreys, B. R., Paul, R. J., & Weinbach, A. P. (2014). Understanding Price Movements in Point Spread Betting Markets: Evidence from NCAA Basketball. *Eastern Economic Journal*, 40, 518-534.
14. Paul, R., Weinbach, A., & Small, K. (2014). The Relationship Between Sportsbook Volume, Forecast Accuracy, and Market Efficiency: The NFL and NCAA Football. *Journal of Prediction Markets*, 8(2), 29-42.
15. Paul, R. & Weinbach, A. (2014). Market Efficiency and Behavioral Biases in the WNBA Betting Market. *International Journal of Financial Studies*, 2(2), 193-202.
16. Humphreys, B., Paul, R., & Weinbach, A. (2013). Consumption Benefits and Gambling: Evidence from the NCAA Basketball Betting Market. *Journal of Economic Psychology*, 39, 376-386.
17. Paul, R. & Weinbach, A. (2013). Determinants of Dynamic Pricing Premiums in Major League Baseball. *Sport Marketing Quarterly*, 22(3), 152-165.
18. Paul, R. J. & Weinbach, A. P. (2013). Baseball: A Poor Substitute for Football - More Evidence of Sports Gambling as Consumption. *Journal of Sports Economics*, 14(2), 115-132.
19. Paul, R. J. & Weinbach, A. P. (2013). Uncertainty of Outcome and Television Ratings for the NHL and MLS. *Journal of Prediction Markets*, 7 (1), 53-65.
20. Paul, R. J. & Weinbach, A. P. (2013). Bettor Biases and the Home-Underdog Bias in the NFL. *International Journal of Sport Finance*, 8 (4), 294-311.
21. Paul, R. J. & Weinbach, A. P. (2013). Fireworks Saturation and Attendance in Minor League Baseball. *International Journal of Sport Finance*, 8 (4), 312-326.
22. Paul, R., Weinbach, A., & Higger, E. (2013). The Large-Firm Effect? Bettor Preferences and Market Prices in NCAA Football. *Journal of Prediction Markets*, 7 (2), 29-41.
23. Paul, R. J. & Weinbach, A. P. (2013). The Yankee Effect in Minor League Baseball. *New York Economic Review*, 35(1), 3-15.

¹ Robbins contributed to this project as a Coastal Carolina University Undergraduate student.

24. ²Paul, R. J., Robbins, D., & Weinbach, A. (2013). American Hockey League Attendance: A Study of Fan Preferences for Minor League Hockey. *International Journal of Sport Finance*, 8(1), 21-38.
25. Humphreys, B., Paul, R. J., & Weinbach, A. (2013). The Lure of the Pitcher: How the Baseball Betting Market is Influenced by Elite Starting Pitchers. *The Oxford Handbook of the Economics of Gambling*. Oxford University Press [A].
26. Paul, R., Weinbach, A., & Humphreys, B. (2013). Hot Arms and the Hot Hand - Bettor and Sportsbook Reaction to Team and Pitcher Streaks in Major League Baseball. In Edward Elgar Press (Ed.), *Sport and Betting*.
27. Humphreys, B. R., Paul, R. J., & Weinbach, A. P. (2012). Uncertainty of Outcome and Attendance in College Football. *Economic & Labour Relations Review*. 36(1), 123-135.
28. Paul, R. J. & Weinbach, A. P. (2012). Wagering Preferences of NFL Bettors: Determinants of Betting Volume. *Journal of Prediction Markets*, 6(1), 42-55.
29. Paul, R. J., Wachsman, Y., & Weinbach, A. (2012). Measuring and Forecasting Fan Interest in NFL Football Games. *Journal of Gambling Business and Economics*, 6(3), 34-46.
30. Paul, R. J. & Weinbach, A. P. (2012). Sportsbook pricing and the behavioral biases of bettors in the NHL. *Journal of Economics and Finance*, 36(1), 123-135.
31. Paul, R. J. & Weinbach, A. P. (2012). Response to Comment on 'Investigating Allegations of Pointshaving in NCAA Basketball Using Actual Sportsbook Betting Percentages'. *Journal of Sports Economics*, 13 (2) 211-217.
32. Paul, R. J. & Weinbach, A. P. (2012). Where did NBA Bettors go during the 2011 Lockout?, *Congress-Book of the 16th Annual Congress of the Arbeitskreis Sportökonomie - On the Edge of Sports Business*.
33. Paul, R. J. & Weinbach, A. P. (2012). "Competitive Balance in the NFL?", In Marin-Peter Buch, Wolfgang Maennig, and Hans-Jurgen Schulke (Eds.) *Zur Ökonomik von Spitzenleistungen im internationalen Sport*. Hamburg University Press.
34. Paul, R. J., Simmons, R., & Weinbach, A. P. (2011). "Gambling and the NFL", In Kevin G. Quinn (Ed.) *The Economics of the National Football League: The State of the Art*. Springer.
35. Paul, R. J. & Weinbach, A. P. (2011). "Uses of Sports Wagering-Based Prediction Markets Outside of the World of Gambling", In Leighton Vaughan Williams (Ed.) *Prediction Markets - Theory and Applications*. Routledge.
36. Paul, R. J. & Weinbach, A. P. (2011). An Analysis of the Last Hour of Betting in the NFL. *International Journal of Sport Finance*, 6 (4), 307-316.
37. Paul, R. J. & Weinbach, A. P. (2011). Determinants of Attendance in the Quebec Major Junior Hockey League. *Atlantic Economic Journal*, 39 (3), 303-311.
38. Paul, R. & Weinbach, A. (2011). Investigating Allegations of Pointshaving in NCAA Basketball Using Actual Sportsbook Betting Percentages. *Journal of Sports Economics*, 12, 432-447.
39. Paul, R. J. & Weinbach, A. P. (2011). NFL Bettor Biases and Price Setting: Further Tests of the Levitt Hypothesis of Sportsbook Behavior. *Applied Economics Letters*, 18 (2), 193-197.

² Robbins contributed to this project as a Coastal Carolina University Undergraduate student.

40. Paul, R. J. & Weinbach, A. P. (2011). Minor League Baseball Attendance in the Pacific Northwest: A Study of the Effects of Winning, Scoring, Demographics and Promotions in the Northwest and Pioneer Baseball Leagues. *Ekonomika a Management, 2011 (II)*.
41. Humphreys, B. R., Paul, R. J., & Weinbach, A. P. (in press, 2011). Revisiting the 'Hot Hand' Hypothesis in the NBA Betting Market Using Actual Sportsbook Betting Percentages. *Journal of Gambling Business and Economics*.
42. ³Anthony, T., Kahn, T., Madison, B., Paul, R., & Weinbach, A. (in press, 2011). Similarities in Fan Preferences for Minor-League Baseball Across the American Southeast. *Journal of Economics and Finance*.
43. Paul, R. J., Wachsman, Y., & Weinbach, A. P. (2011). The Role of Uncertainty of Outcome and Scoring in the Determination of Fan Satisfaction in the NFL. *Journal of Sports Economics, 12*, 213-221.
44. Paul, R. J. & Weinbach, A. P. (2010). The Determinants of Betting Volume for Sports in North America: Evidence of Sports Betting as Consumption in the NBA and NHL. *International Journal of Sport Finance, 5 (2)*, 128-140.
45. Borghesi, R., Paul, R., & Weinbach, A. (2010). Totals Markets as Evidence Against Widespread Point Shaving. *Journal of Prediction Markets, 4 (2)*, 15-22.
46. Weinbach, A. P. & Paul, R. J. (2010). Transfer Payment Distribution and Increases in Gambling Activity. *Applied Economics Letters, 17 (2)*, 165-167.
47. Paul, R. J., Weinbach, A. P., & Paul, K. K. (2010). Using actual betting percentages to analyze sportsbook behavior: The Canadian and Arena Football Leagues. *New York Economic Review, 41*, 35-44.
48. Paul, R. J. & Weinbach, A. P. (2010). "Behavioral Biases and Sportsbook Pricing in Major League Baseball", In Leo H. Kahane and Stephen Shmanske (Eds.) *The Oxford Handbook of Sports Economics, Vol. 2: Economics Through Sports*. Oxford University Press.
49. Paul, R. J. & Weinbach, A. P. (2009). Are Behavioral Biases Consistent Across the Atlantic? The Over-Under Market for European Soccer. *Journal of Gambling Business and Economics, 3 (2)*, 89-101.
50. Paul, R. J., Weinbach, A. P., Borghesi, R., & Wilson, M. (2009). Using betting market odds to measure the perceived level of competitive balance in Major League Baseball. *International Journal of Sport Finance, 4 (4)*, 255-263.
51. Borghesi, R., Paul, R., & Weinbach, A. (2009). Market Frictions and Overpriced Favorites: Evidence from Arena Football. *Applied Economics Letters, 16 (9)*, 903-906.
52. Weinbach, A. & Paul, R. J. (2009). National television coverage and the behavioural bias of bettors. *International Gambling Studies, 9 (1)*, 55-66.
53. Paul, R. J. & Weinbach, A. P. (2009). Sportsbook Behavior in the NCAA Football Betting Market: Tests of the Traditional and Levitt Models of Sportsbook Behavior. *Journal of Prediction Markets, 3 (2)*, 21-37.
54. Paul, R. J., Toma, M., & Weinbach, A. P. (2009). The Minor League Experience: What Drives Attendance at South Atlantic League Baseball Games? *Coastal Business Journal, 8 (1)*, 70-84.
55. Paul, R. J. & Weinbach, A. P. (2008). An Examination of Total Movements the NCAA Football Over/Under Betting Market. *Business Research Yearbook, XV*, 363-368.

³ Anthony, Kahn, and Madison contributed to this project as undergraduate students at Coastal Carolina University.

56. Weinbach, A. P. & Paul, R. J. (2008). Bettor Preferences and Market Efficiency in the Canadian Football League Betting Market. *Journal of Business, Industry & Economics*, 10, 47-56.
57. Paul, R. J. & Weinbach, A. P. (2008). Line Movements and Market Timing in the Baseball Gambling Market. *Journal of Sports Economics*, 9 (4), 371-386.
58. Paul, R. J. & Weinbach, A. P. (2008). Price Setting in the NBA Gambling Market: Tests of the Levitt Model of Sportsbook Behavior. *International Journal of Sport Finance*, 3 (3), 137-145.
59. Weinbach, A. P. & Paul, R. J. (2008). Running the Numbers on Lotteries and the Poor: An Empirical Analysis of Transfer Payment Distribution and Subsequent Lottery Sales. *Atlantic Economic Journal*, 36 (3), 333-344.
60. Paul, R. J., Weinbach, A. P., & Wilson, M. (2008). Testing Market Efficiency and Better Bias in the Baseball Totals Market. *Journal of Business, Industry & Economics*, 11, 1-8.
61. Weinbach, A. P. & Paul, R. J. (2008). The Link Between Information and the Favorite Longshot Bias in Pari-mutuel Wagering Markets. *Journal of Gambling Business and Economics*, 2 (1), 30-44.
62. Paul, R. J. & Weinbach, A. P. (2007). Does Sportsbook.com Set Pointsreads to Maximize Profits? Tests of the Levitt Model of Sportsbook Behavior. *Journal of Prediction Markets*, 1 (3), 209-218.
63. Paul, R. J. & Weinbach, A. P. (2007). Expectations and Voting in the NCAA Football Polls: The Wisdom of Point Spread Markets. *Journal of Sports Economics*, 8 (4), 412-424.
64. Paul, R., Weinbach, A., & Mahar, J. (2007). The Betting Market Response to the 2-Point Conversion in the NFL. *Journal of Business and Economic Perspectives*, 33 (1), 98-109.
65. Paul, R. J. & Weinbach, A. P. (2007). The Uncertainty of Outcome and Scoring Effects of Nielsen Ratings for Monday Night Football. *Journal of Economics and Business*, 59, 119-211.
66. Paul, R. J. & Weinbach, A. P. (2005). Bettor Misperceptions in the NBA: The Over Betting of Big Favorites and the Hot Hand. *Journal of Sports Economics*, 6 (4), 390-400.
67. Paul, R. J. & Weinbach, A. P. (2005). Bettor Preferences and Market Efficiency in Football Totals Markets. *Journal of Economics and Finance*, 29 (3), 409-415.
68. Paul, R. J. & Weinbach, A. P. (2005). Market Efficiency and NCAA College Basketball Gambling. *Journal of Economics and Finance*, 29 (3), 403-408.
69. Paul, R. J. & Weinbach, A. P. (2004). Testing Market Efficiency in the Major League Baseball Over-Under Betting Market. *Journal of Sports Economics*, 5 (1).
70. Paul, R. J., Weinbach, A. P., & Melvin, P. (2004). The Effect of Interleague Play and the Unbalanced Schedule on Major League Baseball Attendance. *New York Economic Review*, 35, 3-16.
71. Paul, R. J., Weinbach, A. P., & Wilson, M. (2004). Efficient Markets, Fair Bets, and Profitability in NBA Totals. *Quarterly Review of Economics and Finance*, 44(4), 624-632.
72. Paul, R. J., Weinbach, A. P., & Weinbach, C. J. (2003). Fair Bets and Profitability in College Football Gambling. *Journal of Economics and Finance*, 27 (2), 236-242.
73. Paul, R. J. & Weinbach, A. P. (2002). Market Efficiency and a Profitable Betting Rule: Evidence from Totals on Professional Football. *Journal of Sports Economics*, 3, 256-263.

Service

Referee for Journals

Served as referee for Applied Economics, Economic Inquiry, International Journal of Sport Finance, Journal of Economic Behavior and Organization, Journal of Economics and Business, Journal of Economics and Finance, Journal of Media Economics, Journal of Sports Analysis, Journal of Sports Economics, Review of Industrial Organization, Southern Economic Journal, Sports Marketing Quarterly

Committee Assignments

Assessment Committee, Core Curriculum Committee, Faculty Policy Committee, Faculty Senate, MBA Advisory Committee, Promotion and Tenure Committee, Wall Center for Excellence Committee, Provost Search Committee, Athletic Director Search Committee, numerous Faculty Search Committees

Faculty Advisor Roles

Faculty Advisor for CCU Econ Club, Omicron Delta Epsilon, CCU Surfing Club

Awards/Honors

James P. and Elizabeth R. Blanton College of Business Leadership Award (2017), Colonel Lindsey H. Vereen Endowed Business Professorship (annual research award, 2009-2014, 2016), AVX DH Byers Business Paper Award (2010, 2011), Beta Gamma Sigma "Professor of the Year" (2010)