# PETER S. FADER

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### Academic experience

### University positions

Department of Marketing, The Wharton School of the University of Pennsylvania

Frances and Pei-Yuan Chia Professor, 2004-present Professor of Marketing, 2002-present Associate Professor of Marketing, 1994-2002 Assistant Professor of Marketing, 1987-1994

Co-Director, Wharton Customer Analytics Initiative, 2008-16

#### Education

Ph.D. Massachusetts Institute of Technology, Sloan School of Management, 1987

- S.M. Massachusetts Institute of Technology, Sloan School of Management, 1985
- S.B. Massachusetts Institute of Technology, Department of Mathematics, 1983

#### **Research** interests

Using behavioral data to understand and forecast customer shopping/purchasing activities across a wide range of industries. Managerial applications focus on topics such as customer relationship management, lifetime value of the customer, and sales forecasting for new products. Much of my research highlights the consistent (but often surprising) behavioral patterns that exist across these industries and other seemingly different domains.

### New courses developed

Strategic Value of Customer Relationships (Executive)
Wharton Senior Capstone (Undergraduate)
Managing the Value of Customer Relationships (MBA)
Applied Probability Models in Marketing (Ph.D., MBA, and Undergraduate)
Bringing Customer Lifetime Value to Life: Practical Methods and Applications (Executive)
Solving the CRM Challenge (Executive)
Web Metrics: Making the Most of Your E-Commerce Data (Executive)
Prospering in a Newly Deregulated Environment (Executive)
Data-Based Brand Management (MBA)

## **Publications**

- A. Articles published or forthcoming in refereed journals
  - McCarthy, Daniel, Peter Fader, and Bruce Hardie (2017), "Valuing Subscription-Based Businesses Using Publicly Disclosed Customer Data," forthcoming at *Journal of Marketing*.
  - Gopalakrishnan, Arun, Eric Bradlow, and Peter Fader (2017), "A Cross-Cohort Changepoint Model for Customer-Base Analysis," forthcoming at *Marketing Science*.
  - Schwartz, Eric M., Eric T. Bradlow, and Peter S. Fader (2017), "Customer Acquisition via Display Advertising Using Multi-Armed Bandit Experiments," forthcoming at *Marketing Science*.
  - Tereyağoğlu, Necati, Peter Fader, and Senthil Veeraraghavan (2017), "Pricing Theater Seats: The Value of Price Commitment and Monotone Discounting" forthcoming at *Production and Operations Management*.
  - Tereyağoğlu, Necati, Peter Fader, and Senthil Veeraraghavan (2017), "Multi-attribute Loss Aversion and Reference Dependence: Evidence from the Performing Arts Industry," forthcoming at *Management Science*.
  - Jerath, Kinshuk, Peter S. Fader, and Bruce G.S. Hardie (2016), "Customer-Base Analysis Using Repeated Cross-Sectional Summary (RCSS) Data," *European Journal of Operational Research*, 249 (1), 340-350.
  - Stourm, Valeria, Eric T. Bradlow, and Peter S. Fader (2015), "Stockpiling Points in Linear Loyalty Programs," *Journal of Marketing Research*, 52 (2), 253-267.
  - Abhishek, Vibhanshu, Kartik Hosanagar, and Peter Fader (2015), "Aggregation Bias in Sponsored Search Data: The Curse and the Cure," *Marketing Science*, 34 (1), 59-77.
  - Schwartz, Eric M., Eric T. Bradlow, and Peter S. Fader (2014), "Model Selection Using Database Characteristics: Developing a Classification Tree for Longitudinal Incidence Data," *Marketing Science*, 33 (2), 188–205.
  - Feit, Eleanor M., Pengyuan Wang, Eric T. Bradlow, and Peter S. Fader (2013), "Fusing Aggregate and Disaggregate Data with an Application to Multiplatform Media Consumption," *Journal* of Marketing Research, 50 (June), 348-364.
  - Zheng, Zhiqiang, Peter Fader, and Balaji Padmanabhan (2012), "From Business Intelligence to Competitive Intelligence: Inferring Competitive Measures Using Augmented Site-Centric Data," *Information Systems Research*, 23 (3), 698–720.
  - Fader, Peter S, and Russell S. Winer (2012), "Introduction to the Special Issue on the Emergence and Impact of User-Generated Content," *Marketing Science*, 31 (3), 369-371.
  - Schweidel, David A., Eric T. Bradlow, and Peter S. Fader (2011), "Portfolio Dynamics for Customers of a Multiservice Provider," *Management Science*, 57 (3), 471-486.
  - Jerath, Kinshuk, Peter S. Fader, and Bruce G.S. Hardie (2011), "New Perspectives on Customer 'Death' Using a Generalization of the Pareto/NBD Model," *Marketing Science*, 30 (5), 866-880.

- Fader, Peter S., and Bruce G.S. (2011), "Comment on 'On Estimating Current-Customer Equity Using Company Summary Data'," *Journal of Interactive Marketing*, 25 (1), 18-19.
- Fader, Peter S. (2011), "Modèles marketing pour l'espace des médias sociaux," (invited commentary, translated into French), *Recherche et Applications en Marketing*, 26 (3), 120-121.
- Fader, Peter S., Bruce G.S. Hardie, and Jen Shang (2010), "Customer-Base Analysis in a Discrete-Time Noncontractual Setting," Marketing Science, 29 (6), 1086-1108.
- Fader, Peter S., and Bruce G.S. Hardie (2010), "Customer-Base Valuation in a Contractual Setting: The Perils of Ignoring Heterogeneity," *Marketing Science*, 29 (1), 85-93.
- Moe, Wendy W., and Peter S. Fader (2009), "The Role of Price Tiers in Advance Purchasing of Event Tickets," *Journal of Service Research*, 12 (1), 73-86.
- Hui, Sam K., Eric T. Bradlow, and Peter S. Fader (2009), "Testing Behavioral Hypotheses Using an Integrated Model of Grocery Store Shopping Path and Purchase Behavior," *Journal of Consumer Research*, 36 (3), 478-493.
- Fader, Peter S., and Bruce G.S. Hardie (2009), "Probability Models for Customer-Base Analysis," *Journal of Interactive Marketing*, 23 (1), 61-69.
- Hui, Sam K., Peter S. Fader, and Eric T. Bradlow (2009), "Path Data in Marketing: An Integrative Framework and Prospectus for Model-Building," *Marketing Science*, 28 (2), 320-335.
- Schweidel, David A., and Peter S. Fader (2009), "Dynamic Changepoints Revisited: An Evolving Process Model of New Product Sales," *International Journal of Research in Marketing*, 26 (2) 119-124.
- Hui, Sam K., Peter S. Fader, and Eric T. Bradlow (2009), "The Traveling Salesman Goes Shopping: The Systematic Deviations of Grocery Paths from TSP-Optimality," *Marketing Science*, 28 (3), 566-572.
- Schweidel, David A., Peter S. Fader, and Eric T. Bradlow (2008), "A Bivariate Timing Model of Customer Acquisition and Retention," *Marketing Science*, 27 (5), 829–843.
- Schweidel, David A., Peter S. Fader, and Eric T. Bradlow (2008), "Modeling Service Retention Within and Across Cohorts under Limited Information," *Journal of Marketing*, 72 (1), 82-94.
- McShane, Blake, Moshe Adrian, Eric T. Bradlow, and Peter S. Fader (2008), "Count Models Based on Weibull Interarrival Times," *Journal of Business and Economic Statistics*, 26 (3), 369-378.
- Fader, Peter S., Bruce G.S. Hardie, and Kinshuk Jerath (2007), "Estimating CLV Using Aggregated Data: The Tuscan Lifestyles Case Revisited," *Journal of Interactive Marketing*, 21 (3), 55-7.
- Fader, Peter S. and Bruce G.S. Hardie (2007), "How to Project Customer Retention," *Journal of Interactive Marketing*, 31 (1), 76-90.

- Braun, Michael, Peter S. Fader, Eric T. Bradlow and Howard Kunreuther (2006), "Modeling the 'Pseudodeductible' in Insurance Claims Decisions," *Management Science*, 52 (8), 1258-1272.
- Kamakura, Wagner, Carl Mela, Anand Bodapati, Peter Fader, Raghuram Iyengar, Prasad Naik, Scott Neslin, Baohong Sun, Michel Wedel, and Ron Wilcox (2006) "Choice Models and Customer Relationship Management," *Marketing Letters*, 16 (4) 279-91.
- Jeffrey S. Larson, Eric T. Bradlow, and Peter S. Fader (2005), "An Exploratory Look at Supermarket Shopping Paths," *International Journal of Research in Marketing*, 22 (December), 395-414.
- Fader, Peter S., Bruce G.S. Hardie, and Ka Lok Lee (2005b), "RFM and CLV: Using Iso-value Curves for Customer Base Analysis," *Journal of Marketing Research*, 42 (November), 415-430.
- Fader, Peter S., Bruce G.S. Hardie, and Ka Lok Lee (2005a), "Counting Your Customers' the Easy Way: An Alternative to the Pareto/NBD Model," *Marketing Science*, 24 (Spring), 275-284.
- Fader, Peter S. and Bruce G.S. Hardie (2005), "The Value of Simple Models in New Product Forecasting and Customer-Base Analysis," *Applied Stochastic Models in Business and Industry*, 21 (4-5), 461-473.
- Park, Young-Hoon, and Peter S. Fader (2004), "Modeling Browsing Behavior at Multiple Web Sites," *Marketing Science*, 23 (Summer), 280-303.
- Fader, Peter S., Bruce G.S. Hardie, and Chun-Yao Huang (2004), "A Dynamic Changepoint Model for New Product Sales Forecasting," *Marketing Science*, 23 (Winter), 50-65.
- Moe, Wendy and Peter S. Fader (2004), "Dynamic Conversion Behavior at e-Commerce Sites," *Management Science*, 50 (3), 326-335.
- Johnson, Eric J., Wendy Moe, Peter S. Fader, Steven Bellman, and Jerry Lohse (2004), "On the Depth and Dynamics of Online Search Behavior," *Management Science*, 50 (3), 299-308.
- Moe, Wendy and Peter S. Fader (2004), "Capturing Evolving Visit Behavior in Clickstream Data," *Journal of Interactive Marketing*, 18 (Winter), 5-19.
- Fader, Peter S., Bruce G.S. Hardie, Robert Zeithammer (2003), "Forecasting New Product Trial in a Controlled Test Market Environment," *Journal of Forecasting*, 22 (August), 391-410.
- Moe, Wendy W. and Peter S. Fader (2002), "Using Advance Purchase Orders to Forecast New Product Sales," *Marketing Science*, 21 (Summer), 347-364.
- Fader, Peter S. and Bruce G.S. Hardie (2002), "A Note on an Integrated Model of Customer Buying Behavior," *European Journal of Operational Research*, 139 (3), 682-687.
- Bradlow, Eric T., Bruce G.S. Hardie, and Peter S. Fader (2002), "Bayesian Inference for the Negative Binomial Distribution via Polynomial Expansions," *Journal of Computational and Graphical Statistics*, 11 (1), 189-202.

- Moe, Wendy W. and Peter S. Fader (2001), "Uncovering Patterns in Cybershopping," California Management Review, 43 (Summer), 106-117. (Reprinted in Understanding Consumer Behavior, Harvard Business School Publishing, 2002.)
- Fader, Peter S. and Bruce G.S. Hardie (2001), "Forecasting Repeat Sales at CDNOW: A Case Study," *Interfaces*, 31 (May-June), S94-S107.
- Moe, Wendy W. and Peter S. Fader (2001), "Modeling Hedonic Portfolio Products: A Joint Segmentation Analysis of Music CD Sales," *Journal of Marketing Research*, 38 (August), 376-385.
- Bradlow, Eric T. and Peter S. Fader (2001), "A Bayesian Lifetime Model for the 'Hot 100' *Billboard* Songs," *Journal of the American Statistical Association*, 96, 368-381.
- Fader, Peter S. and Bruce G.S. Hardie (2000), "A Note on Modelling Underreported Poisson Counts," *Journal of Applied Statistics*, 27 (8), 953-964.
- Hardie, Bruce G.S., Peter S. Fader, and Michael Wisniewski (1998), "An Empirical Comparison of New Product Trial Forecasting Models," *Journal of Forecasting*, 17 (June/July), 209-229.
- Fader, Peter S. and Bruce G.S. Hardie (1996), "Modeling Consumer Choice Among SKUs," *Journal of Marketing Research*, 33 (November), 442-452.
- Bhattacharya, Chitrabhanu, Peter S. Fader, Leonard M. Lodish, and Wayne S. DeSarbo (1996), "The Relationship Between the Marketing Mix and Share of Category Requirements," *Marketing Letters*, 7 (January), 5-18.
- Winer, Russell S., Randolph E. Bucklin, John Deighton, Tulin Erdem, Peter S. Fader, J. Jeffrey Inman, Hotaka Katahira, Kay Lemon, and Andrew Mitchell (1994), "When Worlds Collide: The Implications of Panel Data-Based Models for Consumer Behavior," *Marketing Letters*, 5 (October), 383-394.
- Fader, Peter S. and David C. Schmittlein (1993), "Excess Behavioral Loyalty for High-Share Brands: Deviations from the Dirichlet Model for Repeat Purchasing," *Journal of Marketing Research*, 30 (November), 478-493.
- Fader, Peter S. and James M. Lattin (1993), "Accounting for Heterogeneity and Nonstationarity in a Cross-Sectional Model of Consumer Purchase Behavior," *Marketing Science*, 12 (Summer), 304-317.
- Hardie, Bruce G.S., Eric J. Johnson, and Peter S. Fader (1993), "Modeling Loss Aversion and Reference Dependence Effects on Brand Choice," *Marketing Science*, 12 (Fall), 378-394.
- Fader, Peter S. (1993), "Integrating the Dirichlet-Multinomial and Multinomial Logit Models of Brand Choice," *Marketing Letters*, 4 (April), 99-112.
- Fader, Peter S., James M. Lattin, and John D.C. Little (1992), "Estimating Nonlinear Parameters in the Multinomial Logit Model," *Marketing Science*, 11 (Fall), 372-385.
- Fader, Peter S. and Leonard M. Lodish (1990), "A Cross-Category Analysis of Category Structure and Promotional Activity for Grocery Products," *Journal of Marketing*, 54 (October), 52-65.

- Fader, Peter S. and Leigh McAlister (1990), "An Elimination by Aspects Model of Consumer Response to Promotion Calibrated on UPC Scanner Data," *Journal of Marketing Research*, 27 (August), 322-332.
- Fader, Peter S. and John R. Hauser (1988), "Implicit Coalitions in a Generalized Prisoners' Dilemma," *Journal of Conflict Resolution*, 32 (September), 553-582.
- McAlister, Leigh, Max H. Bazerman, and Peter S. Fader (1986), "Power and Goal Setting in Channel Negotiations," *Journal of Marketing Research*, 23 (August), 228-236.

### B. Articles under review at (or being revised for) refereed journals

- McCarthy, Daniel, Peter Fader, and Bruce G.S. Hardie (March 2016), "V(CLV): Examining Variance in Models of Customer Lifetime Value," under first review at *Journal of Marketing Research*.
- Abhishek, Vibhanshu, Peter Fader, and Kartik Hosanagar (January 2016), "Media Exposure through the Funnel: A Model of Multi-Stage Attribution," under first review at *Journal of Marketing Research*.

# C. Books

Fader, Peter S. (2012), *Customer Centricity: Focus on the Right Customers for Strategic Advantage*, Wharton Digital Press.

### D. Book chapters and other publications

- Winer, Russell S., and Peter S. Fader (2016), "Objective vs. Online Ratings: Are Low Correlations Unexpected and Does It Matter?," forthcoming at *Journal of Consumer Research*.
- Fader, Peter S. and Bruce G.S. Hardie (2015), "Simple Probability Models for Computing CLV and CE," in V Kumar and Denish Shah (ed.), *The Handbook of Research on Customer Equity in Marketing*, Edward Elgar Publishing, Inc.
- Fader, Peter, Bart Bronnenberg, Ganesh Iyer, Scott Neslin, Oded Netzer, and Kannan Srinivasan (2014), "Report of the Marketing Science Editorial Review Committee," *Marketing Science*, 33 (2), 159-162.
- Fader, Peter S., Bruce G.S. Hardie, and Subrata Sen (2014), "Stochastic Models of Buyer Behavior," in Russ Winer and Scott Neslin (ed.), *The History of Marketing Science*, World Scientific-Now Publishing.
- Fader, Peter S. and Wendy W. Moe (2009), "Integrating Online and Offline Retailing," in Herb Sorensen (ed.), *Inside the Mind of the Shopper: The Science of Retailing.* Wharton School Publishing.
- Fader, Peter S., and Bruce G.S. Hardie (2009), "Forecasting Customer Lifetime Value," ForecastPRO *Trends*, January 2009.
- Lee, Ka Lok, Peter S. Fader, and Bruce G.S. Hardie (2007), "How to Project Patient Persistency," *Foresight: The International Journal of Applied Forecasting*, Issue 8, 31-35.

- Fader, Peter S., Bruce G.S. Hardie, and Ka Lok Lee (2006), "CLV: More than Meets the Eye," *Marketing Research*, 18 (Summer), 8-15.
- Fader, Peter S. (2005), "Comment on 'The Tripping Point'," Marketing Research, 17 (Summer), 42.
- Fader, Peter S. and Bruce G.S. Hardie (2001), "Decision Models or Descriptive Models: A Response to Ehrenberg, Barnard, and Sharp," *Marketing Research*, 13 (Winter), 41-42.
- Fader, Peter S. and Bruce G.S. Hardie (2001), "Forecasting the Trial Sales of New Consumer Packaged Goods," in J. Scott Armstrong (ed.), *Principles of Forecasting: A Handbook for Researchers and Practitioners*, Norwell, MA: Kluwer Academic Publishers.
- Fader, Peter S. and Bruce G.S. Hardie (1999), "Investigating the Properties of the Eskin/Kalwani & Silk Model of Repeat Buying for New Products," in Lutz Hildebrandt, Dirk Annacker, and Daniel Klapper (eds.), Marketing and Competition in the Information Age, Proceedings of the 28th EMAC Conference, May 11-14, Berlin: Humboldt University.
- Fader, Peter S. and Bruce G.S. Hardie (1998), "SKUs: Taking Stock of More than Brands," Mastering Marketing Part 4, Supplement to the Financial Times, 10/4/98. (Reprinted in Mastering Marketing: Complete MBA Companion in Marketing, Pearson Education, 1999.)
- Moorthy, K. Sridhar and Peter S. Fader (1989), "Strategic Interaction Within a Channel," in Pellegrini and Reddy (editors), *Retail and Marketing Channels*. London: Routledge.

### E. Other working papers

- Schwartz, Eric M., Eric T. Bradlow, Peter S. Fader, and Yao Zhang, "Children of the HMM': Modeling Longitudinal Customer Behavior at Hulu.Com," August 2011.
- Schweidel, David A., Peter S. Fader, and Robert J. Meyer, "What Matters in Managerial Judgments of Customer Value?" Whatton Marketing Department Working Paper, October 2004.
- Fader, Peter S., Bruce G.S. Hardie, and Paul D. Berger, "Customer-Base Analysis with Discrete-Time Transaction Data," Wharton Marketing Department Working Paper, September 2004.
- Fader, Peter S. and Bruce G.S. Hardie, "Can We Infer 'Trial and Repeat' Numbers From Aggregate Sales Data?," Wharton Marketing Department Working Paper, November 2003.
- Fader, Peter S., Bruce G.S. Hardie, Robert Stevens, and Jim Findley, "Forecasting New Product Sales in a Controlled Test Market Environment," Wharton Marketing Department Working Paper, November 2003.
- Moe, Wendy and Peter S. Fader, "Modeling Online Store Visit Patterns as a Measure of Customer Satisfaction," Wharton Marketing Department Working Paper, May 2002.
- Moe, Wendy and Peter S. Fader, "Capturing Evolving Visit Behavior in Clickstream Data." Marketing Science Institute Working Paper 01-115, Spring 2001.
- Fader, Peter S. and Bruce G.S. Hardie, "Modeling the Evolution of Repeat Buying," Wharton Marketing Department Working Paper 98-031, July 1999.

- Hardie, Bruce G.S., Leonard M. Lodish, Peter S. Fader, Alistair P. Sutcliffe, and William T. Kirk, "Attribute-based Market Share Models: Methodological Developments and Managerial Applications," Wharton Marketing Department Working Paper, February 1998.
- Hardie, Bruce G.S., Michael Wisniewski, Edward J. Fox, and Peter S. Fader, "Product Deletion Decisions for Consumer Packaged Goods," Wharton Marketing Department Working Paper, November 1997.
- Fader, Peter S., Bruce G.S. Hardie, John D.C. Little, and Makoto Abe, "Calculating Market Response in Logit Models with Purchase Feedback," Wharton Marketing Department Working Paper 92-021R, March 1995.
- Fader, Peter S. and John R. Hauser, "Effective Strategies for the Generalized Prisoners' Dilemma," Sloan School of Management Working Paper, January 1988.
- Fader, Peter S. and Leigh McAlister, "A Note on the Relationship Between Promotion Sensitivity and Consumer-Specific Variables," Sloan School of Management Working Paper, June 1985.

# **Professional activities**

### Editorial responsibilities

Area Editor for Marketing Science, 2006 -

Member of Editorial Board of Marketing Science, 1992-Member of Editorial Board of Journal of Marketing Research, 1994-Member of Editorial Board of Journal of Interactive Marketing, 2001-Member of Editorial Board of International Journal of Research in Marketing, 2009-Member of Editorial Board of Marketing Letters, 2013-Member of Editorial Board of Journal of Marketing, 2005-11

Ad hoc reviewer (and occasional guest editor) for numerous other journals, conferences, and award competitions.

#### Recent services for professional organizations

Academic Trustee, Marketing Science Institute, 2013-present Publication Committee, INFORMS, 2012-present Parlin Award Board of Governors, 2010-present Board of Directors, Digital Analytics Association, 2012-14 Advisory Board Member, Ehrenberg-Bass Institute for Marketing Science, 2007-13 Board of Trustees, Direct Marketing Educational Foundation, 2007-13 VP of Practice, INFORMS Society for Marketing Science, 2008-09 Member of Marketing Research Council, American Marketing Association, 2004-07 Chair, Section on Statistics in Marketing, American Statistical Association, 2000-01 Chair, Advanced Research Technique Forum, American Marketing Association, 2002 Marketing Series Advisor, CaseNet service, distributed by Thomson Publishing

# **University activities**

## Doctoral dissertation supervision

#### Advisor

Katie Yang (current)

Valeria Stourm, Assistant Professor of Marketing, HEC Paris Arun Gopalakrishnan, Assistant Professor of Marketing, Washington University in St. Louis Eric Schwartz, Assistant Professor of Marketing, University of Michigan Vibhanshu Abhishek, Assistant Professor of Information Systems, Carnegie Mellon University Sam Hui, Associate Professor of Marketing, University of Houston Kinshuk Jerath, Associate Professor of Marketing, Columbia University Michael Braun Associate Professor of Marketing, Southern Methodist University George Knox, Associate Professor of Marketing, Tilburg University David Schweidel, Associate Professor of Marketing, Emory University Young-Hoon Park, Associate Professor of Marketing, Cornell University Wendy Moe, Professor of Marketing, University of Maryland, College Park

#### Committee member

Necati Tereyagoglu, Assistant Professor of Operations Management, Georgia Tech Bruce Hardie, Professor of Marketing, London Business School Chitrabhanu (CB) Bhattacharya, Professor of Corporate Responsibility and Dean of International Relations, European School of Management and Technology Zhiqiang (Eric) Zheng, Associate Professor of Information Systems, University of Texas, Dallas Chun-yao Huang (London Business School), Assistant Professor of Marketing, National Taiwan University Michael Wisniewski (London Business School) Orkun Sak

# Wharton School/University of Pennsylvania committees

Wharton Dean's Advisory Council, 2015-present Wharton Faculty IT Committee, 2014-present (Chair) University Scholars Committee, 2005-present Wharton Executive Education Faculty Committee, 2010-present Wharton Undergraduate Curriculum Review Committee, 2014-16 University Senate Nominating Committee, 2016 University Senate Committee on the Economic Status of the Faculty, 2013-15 University Senate Committee on Faculty and the Administration, 2012-13 University Preceptorial Committee, 2009-10 Wharton Committee on Academic Freedom and Responsibility 2008-09 University Senate Executive Committee, 2005-08 Wharton Personnel Committee, 2003-05 University Bookstore Committee, 2004-05 MBA Executive Committee, 1995-96, 2001-2003; (Chair 2001-03) University Library Committee, 1992-2005 Wharton Undergraduate Curriculum Committee, 1994-95, 1996-97 Lippincott Library Committee, 1989-93

# Marketing Department committees

Curriculum Committee, 1989-90, 1993-94, 2007-present (Chair) Computing & Web Site Committee, 1987-88, 1990-95, 1999-2002, 2009-15 Doctoral Committee, 1988-89, 1995-2012 Recruiting Committee, 1990-91, 1994-98, 2003, 2007, 2014 Colloquium Coordinator, 1994-95 MBA Student Liaison, 1989-90, 1992-95 Undergraduate Student Liaison, 1990-92

### Courses taught in degree programs at Wharton

Wharton Senior Capstone, 2012-present Managing the Value of Customer Relationships (MBA), 2009-present Applied Probability Models in Marketing (PhD, MBA, Undergraduate), 1999-present Marketing Management (MBA), 1987-88, 1994-2003, 2008 Introduction to Marketing (Undergraduate), 2004-07 Marketing Research (MBA and Undergraduate), 1987-96 Advanced Study Projects (MBA), 1989-91, 1998, 2000-01 Data-Based Brand Management (MBA), 1992-94

### Executive education at Wharton (in addition to a number of custom programs)

Strategic Value of Customer Relationships, 2014-present (Academic Director) Executive Development Program, 2007-present (Academic Director) Bringing Customer Lifetime Value to Life: Practical Methods and Applications (Academic Director) Marketing Metrics: Linking Marketing to Financial Consequences, 2003-present Competitive Marketing Strategy, 1990-present Advanced Management Program, 2000-03, 2007-15 Essentials of Marketing 2006-2013 Pricing Strategies, 1990-2009 Solving the CRM Challenge, 2002-03 (Academic Director) From Browsers to Buyers: Online Conversion Workshop, 2001 (Academic Director) Web Metrics: Making the Most of Your E-Commerce Data, 2000-01 (Academic Director) Prospering in a Newly Deregulated Environment, 1997-98 (Academic Director) E-Commerce Strategies, 2000-01 Capitalizing on Brand Assets, 1996-98 Mergers and Acquisitions, 1996-99 Sales Force Management, 1994-95 Transforming Scanner Data into Marketing Advantage, 1990

# Academic honors and awards

AMA Advanced Research Techniques Forum award for best presentation, 2005, 2012

25-year AMA Consortium Fellow Research Excellence Award 2009

EXPLOR Award from the American Marketing Association for "the most innovative use of technology that advances marketing research," 2007

Robert B. Clarke Outstanding Educator Award, given by the Direct Marketing Educational Foundation to honor an academic's overall achievement in direct/interactive marketing, 2007

David Hardin Award for best paper published in Marketing Research magazine in 2006

The Paul E. Green Award, 1997, 2006 (given annually by the American Marketing Association for the best article published in the *Journal of Marketing Research* for its "potential to contribute significantly to the practice of marketing research")

Journal of Interactive Marketing award for best paper, 2004

Numerous Wharton teaching awards

Phi Beta Kappa