

**Diane Vaughan***Curriculum vitae*

January 2019

Department of Sociology  
Columbia University  
715 Knox Hall  
606 W. 122<sup>nd</sup> St.  
NY NY 10027

Office telephone: 212-854-0074  
Fax: 212-854-2963  
email: dv2146@columbia.edu

**Education:**

The Ohio State University: B.A., 1973; M.A., 1974 (Sociology); Ph.D., 1979 (Sociology)

**Research Interests:**

Analogical Theorizing	Organizational Analysis
Culture and Cognition	Organization Failure
Deviance and Social Control	Organizations, Work, and Technology
Field Methods	Science, Knowledge and Technology
Historical Ethnography	System Effects

**Positions Held:**

2005-	Professor of Sociology and International and Public Affairs, Columbia University
1996-1997	National Endowment for the Humanities Fellow, School of Social Science, Institute for Advanced Study, Princeton, New Jersey.
1996-2005	Professor, Department of Sociology, Boston College
1986-1996	Associate Professor, Department of Sociology, Boston College
1988-1989	Visiting Fellow, American Bar Foundation, Chicago IL
1986-1987	Visiting Fellow, Centre for Socio-Legal Studies, Wolfson College, Oxford UK
1984-1986	Assistant Professor, Department of Sociology, Boston College
1982-1984	Research Associate, Wellesley College Center for Research on Women
1979-1982	Post-Doctoral Fellow, Sociology of Social Control, Yale University

**Visiting Lecturer:**

2010, 2011, 2012 - Sciences Po, MPA Program, Risk Governance Course, lecture and seminar on "Organizational Risk."

**Honors and Awards:**

2015	Distinguished Lecturer, Society for the Study of Symbolic Interaction, Annual Meeting, August 22, 2015, Chicago IL
2012	Faculty Mentoring Award, Graduate School of Arts and Sciences, Columbia
2006	Public Understanding of Sociology Award, American Sociological Association

- 2006 Elected member, Sociological Research Association
- 2006 Walter C. Reckless Memorial Lecturer, Ohio State University
- 2005 Elected member, Macro-Organizational Behavior Society (MOBS)
- 2004 Bovey Lecturer, the Bovey Program in History and Ethics of Engineering, Cornell
- 2003-4 Fellow, John Simon Guggenheim Memorial Foundation
- 2003 *Columbia* Accident Investigation Board: Investigation Consultant, Houston TX; Board Research Analyst and Report Editorial and Writing Staff, author Ch. 8 Washington DC. (February – September 2003).
- 2003 Harry Lyman Hooker Distinguished Visiting Professor, McMaster University, Hamilton, Ontario, Canada
- 2002 Chercheur Invite dans le Cadre du Reseau des Maisons des Sciences de l'Homme CNRS, Grenoble et Paris, France (deferred)
- 1998 Finalist, Chair in American Civilization, Center for North American Studies, Ecole des Hautes Etudes en Sciences Sociales, Paris 1999-2000
- 1998 Andersen Consulting Award, Haas School of Business, University of California, Berkeley: "The Trickle-Down Effect: Policy Decisions, Risky Work, and the Challenger Tragedy," *California Management Review*, 39 Winter 1997: 1-23.
- 1997 Invited Faculty Lecture, Institute for Advanced Study, Princeton
- 1996-1997 National Endowment for the Humanities Fellow, School of Social Science, Institute for Advanced Study, Princeton, New Jersey.
- 1996-1998 The Challenger Launch Decision  
 1996 Robert K. Merton Book Award, Science, Knowledge, and Technology Section, American Sociological Association  
 1996 Nomination, Pulitzer Prize, Non-fiction category  
 1996 Nomination, National Book Award  
 1997 Honorable Mention, Distinguished Scholarly Publication Award, American Sociological Association  
 1997 Rachel Carson Prize, Society for Social Studies of Science  
 1997 Alpha Sigma Nu National Book Award, Association of Jesuit Colleges and Universities  
 1997 Finalist, Albert J. Reiss Book Award, Crime, Law, and Deviance Section, American Sociological Association  
 1997 Finalist, George Terry Award, Academy of Management Association  
 1998 Honorable Mention, Cultural Sociology Section Book Award, American Sociological Association
- 1995 Donald R. Cressey Memorial Award
- 1988-1989 Visiting Fellow, American Bar Foundation, Chicago, IL
- 1986-1987 Visiting Fellow, Centre for Socio-Legal Studies, Wolfson College, University of Oxford, England
- 1979-1982 NIMH Post-Doctoral Fellow, "Sociology of Social Control", Department of Sociology, Yale University
- 1973-74 The Ohio State University, summa cum laude, Phi Beta Kappa, Phi Kappa Phi

**Public Sociology:**

Expert, BBC World News series, “The Truth about Success and Failure in Medicine.” Episode, Failing Gracefully (4 of 4). Aired August 1, 2016. <http://www.bbc.co.uk/programmes/p042gtbf>

Expert, Narrator, in “Major Malfunction: *Challenger* and *Columbia*”. Retro Report, New York Times documentary series of historical events, permanent collection, aired June 2, 2014 <http://www.nytimes.com/video/us/100000002913002/major-malfunction-revisiting-challenger.html?smid=pl-share>

Winner: 36<sup>th</sup> Annual EMMY News and Editing Awards: Producer and Director, Bret Sigler, New York Times. “Go or No Go: The *Challenger* Legacy,” NY Times Retro-Report. September 28, 2015, David Geffen Hall, Lincoln Center, New York. [https://www.youtube.com/watch?v=DP0TuhChzeY&feature=iv&src\\_vid=qRSYDBWof\\_A&annotation\\_id=annotation\\_1838876637](https://www.youtube.com/watch?v=DP0TuhChzeY&feature=iv&src_vid=qRSYDBWof_A&annotation_id=annotation_1838876637)

“Carter Racing Case”, Jack Britain and Sim Sitkin. Best-selling Business School case reproducing *Challenger* Launch Decision circumstances, based on Vaughan, "Structural Secrecy, Organizational Misconduct: NASA and the Space Shuttle *Challenger*," Panel, Secrecy and Disclosure in Organizations, Sim Sitkin, organizer. National Academy of Management annual meeting, Chicago. August 13-16, 1986. (Case Distributed by Delta Leadership Inc., Chapel Hill, NC. 1986, 2001, 2005, 2006, 2012.)

Expert, BBC Horizons, “How to Avoid Mistakes in Surgery”, TV documentary aired Mar. 21, 2013 (repeating)

Hurricane Katrina Task Force Advisory Committee – Social Science Research Council – 2006

Expert, in CNN and Fox News documentaries, Post-Columbia Return to Flight, July 2005

Expert, in “The Way We Live,” 22- Part Sociology Series, College Credit Course for Distance Learners, PBS and Cable Stations, Fall 2005.

Testimony, *Columbia* Accident Investigation Board, Public Hearings, April 23, 2003, Houston TX; Research Analyst, Editorial and Writing Staff, May-August 2003, *Columbia* Accident Investigation Board, Washington DC. Author, Chapter 8, “History as Cause: *Columbia* and *Challenger*,” in Report. *Columbia* Accident Investigation Board. August, 2003. US Government Printing Office.

“Changing Culture,” Presentation, NASA HQ, Washington DC, Sept. 3, 2003

“*Columbia*, *Challenger*, and Organizational Change” Keynote, NASA “Top 40” Leaders Conference, Wye Plantation, Wye MD. Sept. 30-Oct. 1, 2003.

Research Consultant, NASA International Space Station, Fall 2003

Expert interviewed in “Columbia’s Last Flight,” Multi-Media Harvard Business School Case, Amy Edmondson, Michael Roberto, and Richard Bohmer. Fall 2005.

Expert interviewed in “*Columbia: The Final Mission*,” ABC TV Documentary, July 7, 2003

Expert interviewed in “Inviting Disaster,” Documentary, History Channel, November 2003 (in perpetual rerun)

“Air Traffic Control Survey Analysis: Report” Distributed to Boston Logan Tower, TRACON, Boston ATCCS, Bedford Tower, NE Regional Office, NATCA. February 2003

### **Works in progress:**

#### **Books**

Dead Reckoning: System Effects, Boundary Work and Risk in Air Traffic Control (University of Chicago Press, 2019/2020)

Theorizing: Analogy, Cases, and Comparative Social Organization (in progress)

#### **Working Papers**

“On Time and Discovery: Historical Ethnography, Cross-Case Comparison, and Insights in Place”

“Historical Ethnography: Archival Data, Causal Trajectories, and Locating the Past in the Present”

“The Liabilities of Technological Innovation: Airspace, Architecture, and Automation in the Modernization of Air Traffic Control”

“Where Cultural Sociology Meets Cognitive Science: The Case of Air Traffic Control”

“History as Cause: A Formation Story of ATC System Emergence and Effects”

“Order and Disorder: Standardization and the Unexpected in Air Traffic Control.”

“Insights in Place: Analogy, the Self, and the Interpretive Process in Fieldwork”

#### **Publications:**

##### Books

The *Challenger* Launch Decision: Risky Technology, Culture, and Deviance at NASA Chicago: The University of Chicago Press, 1996; Paper, 1997.

(List of scholarly and media reviews/analysis available upon request);

2<sup>nd</sup> edition, 2016, enlarged with new author Preface, “*Challenger* and *Columbia*: The Legacy,” pp. xi - xxxii.

Chapter 10, "Lessons Learned," reprinted in Peter Kristivo (ed.), Exploring the Social. McGraw Hill, 2000

Reproduced as "The Naked Launch," Ch. 4 in Harry Collins and Trevor Pinch (eds.), The Golem: What Everyone Should Know About Science. Cambridge University Press, 1998.

Uncoupling: Turning Points in Intimate Relationships. New York: Oxford University Press, 1986; Paper, Vintage Books, 1987; Melbourne: Oxford University Press, 1987; London: Methuen, 1987; Hamburg: Rowohlt Verlag GmbH, 1988; Stockholm: Bokforlaget Prisma AB, 1988; Milan: Rizzoli Editore SPA, 1989; Sao Paulo: Paz e Terra SA, 1991; Buenos Aires: Editorial Atlantida SA, 1992; Tokyo: Nisseiken, 1993.

Chapter 5, "The Breakdown of Cover-Up," reprinted in Cheryl Albers (ed.) Sociology of Families. Thousand Oaks: Pine Forge Press, 1999.

"Introduction" (1-8), reprinted in James E. Farley, Introduction to Sociology. Englewood Cliffs: Prentice-Hall, 1989; 2nd ed., 1991.

Chapter 10, "Uncoupling" (262-289), reprinted in John N. Edwards and David H. Demo (eds.), Dating, Marriage, and Divorce, Allyn and Bacon, 1990.

Controlling Unlawful Organizational Behavior: Social Structure and Corporate Misconduct. Chicago: The University of Chicago Press, 1983; Paper, 1985

#### Articles, Chapters, Reviews

"Theorizing: Analogy, Cases, and Comparative Social Organization" in Richard Swedberg (ed.) Theorizing in Social Science. Stanford: Stanford University Press. 2014

Review, Foshier, Kerry, Under Construction: Making Homeland Security at the Local Level. American Journal of Sociology, March 2010, 1659-1661.

"Analytic Ethnography" in Peter Hedstrom and Peter Bearman, eds. The Oxford Handbook of Analytical Sociology. Oxford: Oxford University Press, 2009: 688-711 .

Review, Matthew Desmond, On the Fireline: Living and Dying with Wildland Firefighters. Contemporary Sociology 38, 1, January 2009: 88-89.

"Bourdieu and Organizations: The Empirical Challenge" Theory and Society, 37, 1, 2008: 65-81.

"Organizations, Competition and Ethics." Wirtschaftssoziologie un Etik aka Journal of Business, Economics & Ethics, special issue on Economic Sociology and Ethics, Jens Beckert, ed. 2008: 24-28

Reprinted in Beschorner, Thomas, Marc, Hübscher, Brink, Alexander, Hollstein, Bettina, and Schumann, Olaf (eds.): Ökonomie und Ethik: Jubiläumsausgabe der Zeitschrift für Wirtschafts- und Unternehmensethik. Economy and Ethics: Anniversary Issue of the Journal for Economic and Business Ethics. Berlin/Heidelberg: Springer 2015.

“A Matter of Conscience,” Contexts, Fall 2007.78-79.

“Beyond Macro- and Micro-Levels of Analysis: Organizations and the Cultural Fix,” in Henry N. Pontell and Gilbert Geis, eds. The International Handbook of White-Collar and Corporate Crime. New York: Springer, 2007: 3-24.

“NASA Revisited: Theory, Analogy, and Public Sociology.” American Journal of Sociology, Vol. 112, No, 2, September 2006.

Section reprinted in Kathleen Korgen and Jonathan M. White, eds. The Engaged Sociologist. Thousand Oaks: CA: Pine Forge Press. 2007.

“The Social Shaping of Commission Reports,” Sociological Forum, 21, 2. 2006.

“Air Traffic Control Today: Politics, Labor History, and Cultural Reproduction,” In Critical Solidarity, Newsletter of the Labor and Labor Movements Section, ASA, Vol. 6, No. 2, May 2006.

“On the Relevance of Ethnography for the Production of Public Sociology and Policy,” British Journal of Sociology, Vol. 55, 4, 2005.

Reprinted in The Public Role of Sociology, in Elena Iarskaia-Smirnova and Pavel Romanov (eds.) Variant, Moscow. 2008

Reprinted in Approaches to Fieldwork, in Sam Hillyard (ed.) London: Sage Benchmarks in Social Research Methods, 2014.

“System Effects: On Slippery Slopes, Negative Patterns, and Learning from Mistake,” in William H. Starbuck and Moshe Farjoun, eds., Organization without Limits: NASA and the Columbia Accident. Oxford UK: Blackwell, 2005: 41-59.

Reprinted as “On Slippery Slopes, Negative Patterns, and Learning from Mistake: NASA’s Two Shuttle Accidents,” in Daniel Kleinman, Kren Cloud-Hansen, Christina Matta, and Jo Handelsman, eds., Controversies in Science and Technology Volume II: From Chromosomes to the Cosmos . 2008: 262-274..

"Organizational Rituals of Risk and Error," in Bridget Hutter and Michael Power (eds.) Organizational Encounters with Risk. New York and Cambridge: Cambridge University Press, 2005:33-67

“The Normalization of Deviance: Signals of Danger, Situated Action, and Risk.” In Henry Montgomery, Raanan Lipshitz, and Berndt Brehmer (eds.). How Professionals Make Decisions. London: Lawrence Erlbaum Associates, 2005: 255-276.

“On the Value of Ethnography: A Dialogue on Sociology and Public Policy.” Howard S. Becker, Herbert Gans, Katherine Newman, and Diane Vaughan, in “Being Here and Being There: Fieldwork Encounters and Ethnographic Discoveries.: Special Issue editors: Elijah Anderson, Scott N. Brooks, Raymond Gunn, and Nikki Jones. The Annals of the American Academy of Political and Social Science. Vol. 595. September 2004.

“Theorizing Disaster: Analogy, Historical Ethnography, and the *Challenger* Accident,” Ethnography 5, 3: 2004: 313-45.

“Public Sociologist by Accident.” In Michael Burawoy, William Gamson, Charlotte Ryan, Stephen Pfohl, Charles Derber, and Juliet Schor, “Public Sociologies: A Symposium from Boston College,” Social Problems. Vol. 51, No. 1: 103-130. (February 2004).

“How Theory Travels: A Most Public Public Sociology.” Public Sociology in Action, Footnotes, Nov/Dec. 2003

Reprinted in:

Sociology. John E. Farley and Michael Flota. New York: Routledge/Taylor and Francis. Forthcoming, 2017.

Invitation to Public Sociologies. American Sociological Association, 2004.

Introduction to Sociology. Anthony Giddens, Mitchell Duneier, and Richard Appelbaum. New York. WW Norton. 2005.

Essentials of Sociology. Anthony Giddens, Mitchell Duneier, and Richard Appelbaum. New York: WW Norton, 2<sup>nd</sup> ed., 2007.

The Research Imagination: Qualitative and Quantitative Methods. Paul S. Gray et al. New York: Cambridge University Press, 2007

“History as Cause: Columbia and Challenger.” Ch. 8. Report. Columbia Accident Investigation Board. Vol. 1, August 2003.

"Media Launch." Contexts. Vol. 1, No. 2. May 2002.

"Signals and Interpretive Work: The Role of Culture in a Theory of Practical Action." In Karen Cerulo (ed.) Culture in Mind: Toward a Sociology of Culture and Cognition. New York: Routledge. 2002: 28-54.

"Criminology and the Sociology of Organizations: Analogy, Comparative Social Organization, and General Theory," Special Issue., (ed.) Joachim Savelsberg, "Mutual Engagements," Law, Crime, and Social Change. Vol. 37, No. 2. March, 2002: 117-36.

Translated and reprinted as "Criminología y la Sociología de las organizaciones: Analogía, Organización Social Comparativa y Teoría General" in Delito y Sociedad: Revista de Ciencias Sociales. Año 16, Nro. 42, 2007: 2-26. Buenos Aires/ Santa Fe, Republica Argentina.

"La Normalisation de la Deviance: Une Approach d'Action Situee". In Mathilde Bourrier (ed.) Les Approches Organisationnelles de la Fiabilité. Paris: l'Hattaman. 2001.

"An Ethnographic Excursion," review of Johan M. Sanne, Creating Safety in Air Traffic Control, Sweden: Arkiv Forlag, 1999, in Social Studies of Science (December 2000)

"Les Lecons d'une Explosion," La Recherche 329, Mars 2000: 107-110.

Review of Robert Jervis, System Effects, Princeton University Press, 1998, Contemporary Sociology 29, 2, March 2000: 425-427.

"Sensational Cases, Flawed Theories." In Henry N. Pontell and David Schichor (ed.). Social Structure and Deviance: Essays in Honor of Gilbert Geis. Prentice Hall, 2000.

Reprinted in M. David Ermann and R. J. Lundman (eds.) Corporate and Governmental Deviance. 6th ed. Oxford University Press 2002.

"Clarifying Organizational Actors," In Elin Waring and David Weisburd (eds.) Crime and Social Organization: Essays in Honor of Albert J. Reiss, Jr. vol. 10, Crime and Social Organization: Advances in Criminological Theory. New Brunswick: Transaction 2001.

Review of Harry Collins and Trevor Pinch (eds.) The Golem Cambridge University Press, Contemporary Sociology, 29, 1, January 2000.

"The Role of the Organization in the Production of Techno-Scientific Knowledge." Social Studies of Science. 29, 6, December 1999.

"The Dark Side of Organizations: Mistake, Misconduct, and Disaster." Annual Review of Sociology. 25 (1999): 271-305.

"The Macro-Micro Connection, Culture, and Boundary Work." In Patricia Ewick, Robert Kagan, and Austin Sarat (eds.) Social Science, Social Policy, and the Law. New York: Russell Sage (1999): 289-319.

Review of Julian Orr, Talking about Machines: An Ethnography of a Modern Job. ILR Press, in



Administrative Science Quarterly June 1999: 430-33.

"Rational Choice, Situated Action, and the Social Control of Organizations," Law & Society Review 32, 1 June 1998: 23-61.

Reprinted in:

Emma Bell and Hugh Willmott (eds.) Qualitative Research in Business and Management. London: Sage (forthcoming 2015).

Hazel Croall (ed.) Corporate Crime: Cases and Explanations. Vol. 2 of 3. Sage Library of Criminology. London: Sage Ltd. 2009.

Lauren Edelman and Mark Suchman (eds.) The Legal Lives of Private Organizations. International Library of Essays in Law and Society. Aldershot, GB: Ashgate Publishing LTD., 2007.

Sally S. Simpson and Carole Gibbs, Corporate Crime. International Library of Crime, Criminal Justice, and Penology., 2<sup>nd</sup> Series, Aldershot GB: Dartmouth Publishing Company (Ashgate), 2007.

Michael J. Handel (ed.) The Sociology of Organizations: Classical, Contemporary, and Critical Readings. Sage: 2003.

Neal Shover and John Paul Wright (eds.) Crimes of Privilege. Oxford University Press, 2001: 234-254.

"Turner's Foresight," Preface, in Barry M. Turner and Nick Pidgeon, Man-Made Disasters. 2nd ed. London: Butterworth Heinemann, 1997.

"Targets for Firefighting Safety: Lessons from the Challenger Tragedy," Wildfire, March 1997: 29-40.

"The Trickle-Down Effect: Policy Decisions, Risky Work, and the Challenger Tragedy." California Management Review 39 Winter, 1997: 1-23.

"Anomie Theory and Organizations: Culture and the Normalization of Deviance at NASA," in Nicos Passas and Robert M. Agnew (eds.), The Future of Anomie Theory. Boston: Northeastern University Press, 1997.

"The Dark Side of Organizations, Current Events, and Public Sociology." Organizations, Occupations, and Work Section Newsletter, April, 1996.

"Theory Elaboration: The Heuristics of Case Analysis," in Charles Ragin and Howard S. Becker (eds.), What is a Case?: Exploring the Foundations of Social Inquiry. Cambridge University Press, 1992.

"The Macro/Micro Connection in 'White-Collar Crime' Theory," in Kip Schlegel and David Weisburd (eds.), White-Collar Crime Reconsidered. Boston: Northeastern University Press, 1992.

"Autonomy, Interdependence, and Social Control: NASA and the Space Shuttle Challenger," 35 Administrative Science Quarterly (June, 1990): 225-257.

Reprinted in:

The Sociology of Organizations: Contemporary Theory and Research. Amy S. Wharton (ed.). Los Angeles: Roxbury. 2007

Risk Management. Gerald Mars and David Weir (eds.) International Library of Management. Vol. 11. Hampshire, England: Ashgate Publishing, 1998.

"Regulating Risk: Implications of the Challenger Accident," 11 Law and Policy (July, 1989): 330-349.

Reprinted in: Organizations, Uncertainties, and Risks, James F. Short and Lee Clarke (eds.), Westview Press, 1992.

"Intimate Work: Teaching Sociologists to Write," Teaching Sociology, (July, 1988): 275-278.

Review of Dorothy Nelkin and Michael Brown, Workers at Risk: Voices from the Workplace, University of Chicago Press, in Sociology of Health and Illness 8, 1 (1986): 101-2.

"Technology and Regulation: An Unexpected Cost," Op-ed, Los Angeles Times (April 1984).

"Uncoupling: The Social Construction of Divorce." Social Interaction (1983): 405-422.

"Towards Understanding Unlawful Organizational Behavior," Michigan Law Review 80 (June 1982): 201-226.

Reprinted in:

Neal Shover and John Paul Wright (eds.) Crimes of Privilege. Oxford University Press, 2001: 313-328.

"Transaction Systems and Unlawful Organizational Behavior," Social Problems, 29 (April 1982): 372-379.

Reprinted in:

Neal Shover and John Paul Wright (eds.), Crimes of Privilege. Oxford University Press, 2001: 136-143.

Michael Levi (ed.), Fraud: Organization, Motivation, and Control. Vol. I, International Library of Criminology, Criminal Justice, and Penology, David Nelken and Gerald Mars (eds.). Hampshire, UK: Ashgate Publishing, 1999.

Patricia A. Adler and Peter Adler (eds.), Constructions of Deviance: Social Power, Context, and Interaction. Belmont CA: Wadsworth, 1993.

John F. Galliher (ed.), Deviant Behavior and Human Rights. Englewood Cliffs: Prentice-Hall, 1991.

*Undergraduate and Graduate publications*

"Recent Developments in 'White-Collar Crime' Theory and Research," in C. Ronald Huff and Israel Barak (eds.), The Mad, the Bad, and the Different: Essays in Honor of Simon Dinitz. Lexington, MA: Lexington, 1980: 135-148.

"Crime Between Organizations: Implications for Victimology," Gilbert Geis and Ezra Stotland (eds.) White-Collar Crime, Vol. 13, Sage Criminal Justice System Annuals. Beverly Hills: Sage, 1979: 77-97.

"Uncoupling: The Process of Moving from One Lifestyle to Another," Alternative Lifestyle: Changing Patterns in Marriage, Family and Intimacy (1979): 415-442.

Reprinted in:

Howard Robboy, Sidney Greenblatt, and Candace Clark (eds.), Social Interaction: Introductory Readings in Sociology. New York: St. Martin's, 1979: 323-338; 1982 (2nd. ed.); 1985 (3rd. ed.).

Vaughan, Diane. "Uncoupling: The Social Construction of Divorce." *Social interaction* (1983): 405-422.

Bryan Byers (ed.), Readings in Social Psychology, Allyn and Bacon, 1992.

"Shock Probation and Shock Parole: The Impact of Changing Correctional Ideology," in David M. Petersen and Charles W. Thomas (eds.), Corrections: Problems and Prospects. Englewood Cliffs: Prentice-Hall, 1976; 1979 (2nd. ed.).

"Shock Parole: A Preliminary Evaluation," International Journal of Criminology and Penology 4 (1976): 271-282 (with Joseph E. Scott, Robert H. Bonde, Ronald C. Kramer).

"Victims of Fraud: Victim-Responsiveness, Incidence, and Reporting," in Emilio Viano (ed.), Victims and Society. Washington, D.C.: Visage Press, Inc. (1976): 403-412 (with Giovanna

Carlo). Also in Jack Horn, "Portrait of an Arrogant Crook," Psychology Today, 9 (April 1976): 76-79.

"Victims of Fraud: Victim Responsiveness, Incidence, and Reporting." Victims and Society (1976): 201-234.

"The Appliance Repairman: A Study of Victim-Responsiveness and Fraud," Journal of Research in Crime and Delinquency, 12 (July 1975): 153-161 (with Giovanna Carlo).

"The Halfway House," in Simon Dinitz, Russell Dynes, and Alfred Clarke (eds.), Deviance New York: Oxford University Press, 1974 (2nd. ed.): 565-572.

### **Invited Presentations: 1996-present**

"The Liabilities of Technological Innovation: Airspace, Architecture, and Automation in the Modernization of Air Traffic Control." Macro-Organizational Behavior Society (MOBS), Harvard Business School, Nov. 2-3, 2018 Boston.

"The Liabilities of Technological Innovation: Airspace, Automation, and Architecture in the Modernization of Air Traffic Control". Presidential Panel, Technological Innovation, Organizations, and the Changing Nature of Work. ESS Annual Meeting, Baltimore MD, February 22-25, 2018.

"History as Cause: A Formation Story of Air Traffic Control System Emergence and System Effects." Panel on "Emergence of Categories and Systems," American Sociological Association Annual Meetings, Montreal CA, August 11-15, 2017

"System Effects: Space, Place, and Cognition in Air Traffic Control." Department of Management, Freie Universitat Berlin, May 9 2017, Lecture; May 10, Seminar.

Invited Participant, Conference on "Fields, Logics, Frames, and Cognition." UC-Berkeley, April 7-9, 2017

"Risk and Failure: Organizations and Technology-in-Use." Keynote, conference, Something Ventured: Risk and Failure in Invention and Innovation. Lemelson Center for the Study of Invention and Innovation. Smithsonian Museum of American History. Washington D.C. October 13-15, 2016.

"Order and Disorder: Standardization and the Unexpected in Air Traffic Control" Keynote, Chaos, Order, and Everything in Between, New School for Social Research, Sociology Graduate Student Conference, April 9, 2016

"Interpretive Work: The Body, Emotions, and Belonging." Paper presented, Ethnography Meets

Journalism Symposium, Panel, Immersion in the Long Form: Evidence and Inference in Field Work and Reporting. Institute for Public Knowledge, New York University. September 21, 2015.

“How Theory Travels: Public Sociologist by Accident.” Distinguished Lecturer, Society for Study of Symbolic Interaction, Annual Meeting, August 22, 2015, Chicago IL

“Insights in Place: Analogy, the Self, and the Interpretive Process in Ethnography” Presidential Plenary, “Finding Our Way: How We Make Sense of Ethnographic Data” ASA Annual Meeting, San Francisco, August 16-20, 2014.

Mistake and Error; Risk and Stress: Air Traffic Control and the Social Transformation of Risky Work.” Culture and Ethnography Workshop, Department of Sociology, University of Pennsylvania, February 28, 2014.

“Mistake and Error; Risk and Stress: Air Traffic Control and the Social Transformation of Risky Work.” Department of Sociology, Yale University. April 3, 2013.

“Dead Reckoning: System Effects, Boundary Work, and Risk in Air Traffic Control” Keynote, co-sponsored conference, Nuclear Regulatory Institute and French-Speaking Ergonomics Society (SELF), Paris September 14-16, 2012.

“The Relation Between Space and Place: Airspace, Architecture, Technology, and Work in Air Traffic Control”  
University Lecture: University of Gottenborg, Sweden. “Analogical Theorizing” Seminar, Department of Sociology. October 26-28, 2012. Gottenborg, Sweden

“System Effects and Air Traffic Control: The Production of Controllers” Department of Sociology, University of Connecticut, March 3, 2011.

“Distinction Class, and the Construction of Occupational boundaries: The Case of Air Traffic Control”  
Department of Sociology, Boston University, May 2010

Sciences Po, Visiting Lecturer, one week, MPA program, Olivier Borrass ‘ Seminar on Risk Governance, prepared assignments, and readings, two seminars and a public lecture for one week segments on “Risk and Organizations”. Sciences Po. Paris. May 17-19, 2010.

“System Effects: Space, Place, and Cognition in Air Traffic Control” . University of Colorado, Boulder, sponsored by Department of Sociology and Communications., October 15-17, 2009.

“Mistake, Error, Risk, and Stress: Emotion Work in Air Traffic Control”. Harvard Business School, June 1, 2009.

Conference Honoring 25<sup>th</sup> Anniversary of The Iron Cage Revisited (1983 DiMaggio and Powell), University of

Arizona Feb 28 2008. March 2, 2008. Paper presented “ How Theory Travels: The Case of A. Michael Spence

Sciences Po, Visiting Lecturer, one week, MPA program, Olivier Borraz ‘ Seminar on Risk, prepared assignments, and readings, taught two seminars and a public lecture for week segment on “Risk and Organizations”. Sciences Po. Paris. Spring break, March 16-21, 2008, also June 2010.

The Dark Side of Organizations, Center for Organization Research, University of California Irvine, May 12-1 (Included public lecture, panel with three junior scholars working in the same area, and methods discussion with graduate seminar)

University of Pennsylvania, Sociology: “Analogy as a Mechanism for Theorizing” April 2, 2008

New School for Social Research, The Sociological Imagination Lecture Series: “How Theory Travels” May 1 2008.

Panels: American Sociological Association, August 2008

Thematic Panel: Technology and the Transformation of Work: “ System Effects: Politics, Technology and Cognition in Air Traffic Control 8/4/2008’ Theory Panel: Theoretical Careers: How Practice Shapes Ideas: “Analogical Theorizing” 8/4/2008

“Theorizing: Interpretive Work in Qualitative Analysis” Didactic Seminar, ASA, Montreal, CA August 13, 2006.

“Distinction, Class, and the Construction of Occupational Boundaries.” Economic Sociology Workshop, Princeton University, October 23, 2006. ASA Thematic Session, Comparative Analysis on Social Class, Montreal CA, August 13, 2006. Department of Sociology, SUNY-Stony Brook, April 27, 2006. The Graduate School, CUNY, Ethnography Workshop. March 2, 2006.

“Boundary Work, Distinction, and the Construction of Occupational Boundaries.” The Ohio State University, May 12, 2006; Department of Sociology, Columbia University, October 5, 2004; Department of Sociology, Dartmouth College, October 13, 2004, Department of Sociology,

“The Normalization of Deviance: Implications for Social Control.” Walter C. Reckless Memorial Lecture, The Ohio State University, May 11, 2006.

“NASA Revisited: Theory, Analogy, and Public Sociology,” Discussant: Douglas Osherhoff, Physics Department and CAIB. CISAC, Stanford University. May 5, 2006.

Critic, Lee Clarke’s Worst Cases, Author Meets Critics. ESS, February 22, 2006.

“Changing NASA” NASA History Conference, Washington DC March 15-16, 2005.

“Social Class and the Construction of Occupational Boundaries.” Harvard-MIT Economic Sociology Workshop, October 20, 2004.

“System Effects: On Slippery Slopes, Repeating Negative Patterns, and Learning from Mistake.” Organizational Studies Group, Sloan School of Management, MIT, October 15, 2004; Conference: Lessons from Columbia. NYU Stern School of Business, October 1-3, 2004.

“History as Cause: Columbia and Challenger.” Bovay Lecture, Cornell University, April 13 2004.

“Changing NASA Culture: Columbia and Challenger.” Organizational Behavior Seminar, Harvard Business School, April 2, 2004.

“Social Distinction, Class, and the Construction of Occupational Boundaries,” Sociology Colloquium, Yale University, March 4, 2004; “The Analogy Project,” Culture and Civil Society Workshop, Department of Sociology, March 5, 2004.

“Organizational Rituals of Risk and Error,” Science and Technology Studies, University of Wisconsin-Madison; January 28, 2004; “Social Distinction, Class, and the Construction of Occupational Boundaries,” Department of Sociology, University of Wisconsin-Madison, January 29, 2004.

“Ethnography and Public Sociology,” Being There and Being Here, Ethnography Conference, Department of Sociology, University of Pennsylvania, November 6-7, 2003.

“Columbia, Challenger, and Organizational Change” Keynote, NASA “Top 40” Leaders Conference, Wye Plantation, Wye, MD September 30-October 1, 2003.

“Changing Culture,” NASA Headquarters, Washington DC, September 3, 2003

Keynote, “Analogy and Situated Action,” Ethnography Workshop, UC System Graduate Students, UCLA, April 24-5, 2003.

Testimony, Columbia Accident Investigation Board, Houston TX, April 23, 2003.

Harry Lyman Hooker Distinguished Visiting Lecturer, McMaster University, Hamilton, Ontario, CA January 27,28,29, 2003:

Public Lecture: Organizational Rituals of Risk and Error

Public Lecture: Turtles All the Way Down: History, Ethnography, Complex Organization Seminar, Dept. of Sociology: Intellectual Biography: Analogical Theorizing

"Air Traffic Control: Research Obstacles as Findings." Conference, "Field Methods in Contemporary Society," Leroy Neiman Center for American Culture, UCLA, May 16-17, 2002.

"The Mason's Apron: The Invention of Tradition in 20th Century England." Workshop, English Culture and History, Department of Social Anthropology, University of Oxford, May 3-4, 2002.

"Organizational Rituals of Risk and Error." Conference on "Encounters with Risk." Centre for Analysis of Risk and Regulation, London School of Economics, April 12-14, 2002.

"Technology and Terrorism," Panel, ARCO Forum, Kennedy School of Government, November 4, 2001.

Keynote: Challenger Launch Decision, Conference on Naturalistic Decision Making, Stockholm, May 26-28, 2000.

Keynote: Challenger Launch Decision, Forum on Technology and Social Change, Linköping University, Linköping, Sweden, May 24, 2000.

"Cultural Analysis, Technology, Complex Organizations and Ethnography," Department of Science and Technology, Linköping University, Linköping, Sweden, May 25, 2000

"Signals and Interpretive Work: The Role of Culture in a Theory of Practical Action." Conference on Culture and Cognition, Rutgers University, November 12-13, 1999.

"Cultural Analysis of Risky Technical Systems," Disaster Research Center Lectures on Accidents and Risk, University of Delaware, Newark, November 11, 1999.

Keynote: "Technologies a Hauts Risques, Organizations, Culture: Le Cas de Challenger." Programme Risques Collectifs et Situation de Crise. Centre National de la Recherche Scientifique. Paris, October 11, 1999.

Workshop on Risk and Technology, Université de Technologie, Compiègne and CNRS, Compiègne, France, October 7-9, 1999

Plenary Address, "Turtles All the Way Down: Qualitative Research in Organizations." Midwest Sociological Society Annual Meetings, Minneapolis MN April 9, 1999.

"Boundary Work and Virtual Creatures: What Katharine Hayles Can Teach Us." Cultural Turn II, University of California, Santa Barbara, February 5-7, 1999.

"Culture, History, Ethnography, and Complex Organizations: Archival Data and the Challenger Research." Center for International Security and Cooperation, Stanford University, February 4, 1999

"Dead Reckoning: Technology, Culture, and Ethnocognition in Air Traffic Control." Program in Organizations, Technology, and Work, School of Engineering, Stanford University, February 3, 1999.



"The Dark Side of Organizations." Sloan School of Management, MIT, May 14, 1998.

"Situated Action: Institutions, Agency, and the Macro-Micro Connection." Department of Sociology, Princeton University, May 11, 1998.

Anderson Award Lecture, "The Trickle-Down Effect: Policy Decisions, Risky Work, and the Challenger Tragedy," Haas School of Business, University of California, Berkeley, April 24, 1998.

Keynote Address, "'Turtles All the Way Down': Qualitative Research in Organizations." Texas Universities Conference on Organizations. University of Texas, Austin, April 17-19, 1998.

Keynote Address, "The Role of Knowledge in the Challenger Disaster." 1998 Conference on Knowledge Management and Organizational Learning. Sponsored by the Conference Board/IBM Consulting. Chicago, April 15-16, 1998.

"How Theory Travels: Analogy, Models, and Case of A. Michael Spence."  
 Department of Sociology, Harvard University, November 6, 1997  
 Department of Sociology, Yale University, December 6, 1997  
 Department of Sociology, Boston University, January 28, 1998

"'Turtles All the Way Down': Qualitative Methods and Organizations as Research Settings." AKD, Department of Sociology, University of California, Los Angeles, May 31, 1997; Seminar, Interdisciplinary Field Research Group, University of Washington, May 14, 1996.

"Culture, Boundary Work, and the Social Control of Organizations." Symposium on Social Science, Legal Scholarship, and the Law. Yale Law School, April 11-13, 1997.

"The Challenger Launch Decision: Risky Technology, Culture, and Deviance at NASA."  
 University Lecture, Augsburg College, Minneapolis MN April 8, 1999  
 School of International & Public Affairs and Department of Sociology, Columbia University, February 18, 1999  
 Program in Science and Technology Studies, Cornell University, March 23, 1998  
 Kennedy School of Government, March 12, 1998  
 Sloan School of Management, MIT, September 29, 1997  
 Department of Sociology, University of California, Santa Barbara, June 2, 1997  
 Department of Sociology, UCLA, May 30, 1997  
 Department of History and Sociology of Science, University of Pennsylvania, Jan 27,

1997

Department of Sociology, University of Edinburgh, Scotland, December 17, 1996  
 Center for the Study of Knowledge, Expertise, and Science, University of Southampton, England, December 16, 1996  
 Strategic Arms, Defense, and International Security Program, Massachusetts Institute of Technology, November 6, 1996.  
 University of Michigan Business School, Ann Arbor MI November 1, 1996

Department of Sociology, University of California-Riverside, May 16, 1996  
 Department of Sociology, University of Pennsylvania, March 20, 1996

"Sensational Cases, Flawed Theories: The Challenger Launch Decision."  
 University Lecture, Hamilton College, Clinton NY, April 8, 1996  
 University Lecture, University of Washington, May 15, 1996

"On the Irrelevance of Evil in Organizations." Center for the Study of Ethics, Western Michigan University, November 4, 1996.

Keynote Address, "The Social Organization of Mistake." Examining Errors in Healthcare Conference. AAAS, AMA, and Annenberg Center for Health Sciences, Rancho Mirage, CA October 13-15, 1996.

"The Trickle-Down Effect: Policy Decisions, Engineering Analysis, and the Challenger Tragedy." Conference on Technical Expertise and Public Decisions, International Symposium on Technology and Society, Woodrow Wilson School of Public and International Affairs, Princeton, NJ June 21-22, 1996.

"Organization Culture as an Obstacle to Investigative Reporting: The Challenger Case." National Conference of Investigative Reporters and Editors, Providence, RI June 13-15, 1996.

"The Dark Side of Organizations, Current Events, and Public Sociology." Deviance, Social Control, and Law Panel, Sociology Department Ten-Year Reunion Conference, Yale University, April 12-13, 1996.

Keynote Address, "Targets for Safety: Lessons for Wildland Firefighting from the Challenger Launch Decision." National Conference of Hotshots and Smokejumpers, U. S. Forest Service, San Diego CA, April 2-5, 1996.

#### **Editorial Activities:**

2019-2022 Qualitative Sociology. Editorial Advisory Board.  
 2000-present Sociological Discoveries. Editorial Board. Jack Katz and Stefan Timmermans (eds.), Chicago  
 2007-2012 Sociological Theory, Editorial Board  
 2000-02 American Journal of Sociology, Consulting Editor  
 2000-03 American Sociological Review, Editorial Board

#### **Reviewer**

American Sociological Review, Qualitative Sociology, American Journal of Sociology, Journal of Contemporary Ethnography, Social Studies of Science, Sociological Forum, Journal of Contingency and Crisis Management, Science, Technology and Human Values, Journal of the Academy of Management, Annual Review of Sociology, National Science Foundation, Academy

of Management Review, Sociological Theory, Human Relations, Social Forces, Crime, Law, and Social Change, Journal of Public Administration, Administrative Science Quarterly

University Presses:

Chicago, Princeton, Columbia, NYU, Stanford, Oxford., Oxford UK.

**Professional Affiliations**

American Sociological Association, Eastern Sociological Society, Sociological Research Association, Macro-Organizational Behavior Society (elected member), Society for Social Studies of Science, Social Science History Association.  
Society for the Study of Social Interaction.