

The Sociology of Collective Behavior

Dr. ASHOK SHIVAJI YAKKALDEVI Assistant Professor A.R. Burla Vartishta Mahila Mahavidyalaya Solapur, India

Recorded Overview of the Field

The field of aggregate conduct is coterminous with the examination of social progress. Prior to the rise of the claim to fame, there was a worry with social change and societal change as well-known and commended discourse about society and society, for example, Thucydides' record of the Peloponnesian War and Niccolo Machiavelli's recommendation to the sovereign. Abramson (1961:47–95) (see additionally Nye 1975; Rule 1988:91–118) gives a compact record of starting points. which by tradition, are followed to Gustave Lebon, for he most importantly different Europeans composing toward the end of the nineteenth century and the first many years of the twentieth caught the creative energy of general society with his book titled The Crowd, which is both a gatherings of the thoughts of authors who restricted the standards of the French Revolution and vote based system most conspicuously those of Edmund Burke, Hippolyte Taine, Scipio Sighele, Pasquale Rossi, and Gabriel Tarde-and a successful vehicle for originations of how individuals acted together that had and keep on haing impact, as demonstrated in Sigmund Freud's social brain research and in some of Robert E. Park's perspectives of aggregate conduct.

Tarde's (1969) impact was especially vital. He distinguished the qualities of aggregate conduct as including a set of psychic and mental associations of individuals who are mindful of one another, have likenesses of convictions and objectives, impart a conviction and enthusiasm for what they accept that is moderately new or at one time unexpressed, and act in show. For Tarde, aggregate conduct was, as was valid for all different manifestations of social conduct, the consequence of imitative conduct diffusing outward from a beginning purpose of association (see his impact on Faris 1926). Impersonation occurred through disease. Individuals first mimic the thoughts of the new exceptional by their social bosses. Swarms happened sooner than publics in social development. In the swarm, impersonation is connected with physical nearness and up close and personal connection. In people in general, connection happens through daily papers and therefore displays an otherworldly or mental contiguity not constrained by space or number of members. Individuals in publics, opposite with what is the situation in swarms, can have a place with various publics (Steigerwalt 1974).

Lebon utilized the bigot thoughts of his time to portray aggregate conduct in wording ofpsychological relapse and virus. Individuals, especially lower-class people, when acting together in a swarm, lost their distinction and relapsed to what he assumed they had in like manner: their race and national inceptions. The impact of socialization on identity was a slender patina effortlessly uprooted under the trancelike impact and passionate interstimulation of the swarm. These basic thoughts were communicated in logical sounding standards, for example, the law of the mental solidarity of the swarm. The swarm was equipped for demonstrations of courage and savage loathsomeness; everything relied on upon chance occasions and the influence of images and proposals. There is likewise in Lebon a hypothesis of history, despite the fact that this is not as conspicuous, in which swarms filled a helpful need of destroying the pointless practices of the past and encouraging

the development of the new; times of extraordinary and concentrated swarm action stamp the end and the start of authentic ages. The uncertainty is never determined in his works: The swarm both crushed individual identity and realized social change and the likelihood of advanced.

Separating Perspectives in the Collective Behavior Tradition

Numerous researchers concentrated on under R. E. Park and later with Herbert Blumer at the University of Chicago and afterward at Berkeley and with Talcott Parsons at Harvard University and completed the customs of the field. The absolute most eminent parts of these second and third eras are Neil Smelser, John Lofland, Gary Marx, David Snow, Joseph Gusfied, Kurt and Gladys Engel Lang, Ralph Turner, Lewis Killian, E. L. Quarantelli, Norris Johnson, William Feinberg, Bert Useem, Anthony Oberschall, and Orrin Klapp.

Herbert Blumer (1939, 1969), Park's understudy at the University of Chicago, at an early stage in his vocation rehashed in his compositions a significant number of the thoughts at first praiseworthy by Park and created a perspective of aggregate conduct that had the unwelcome impact of serving to minimize it from standard human science, for he made a different social brain research for it. In his perspective, aggregate conduct was portrayed by roundabout collaboration instead of by typical cooperation: People partaking in cases of aggregate conduct did not assess and after that react to the demonstrations of others vet reacted consequently and sincerely to them (Zygmunt 1986). There are different reactions of Blumer's grant (Mcphail 1991), however these don't say the numerous other applied leaps forward and enduring commitments he made. Among them are his understanding of social issues as aggregate conduct (Blumer 1971), his reactions of general notion surveying (Blumer 1948), and his observational investigation of design (Blumer 1969). In these different compositions, Blumer utilized typical collaboration to comprehend the social life he was clarifying.

Herbert Blumer's investigation of social issues was one of the spearheading endeavors that gave the premise to the current prevailing perspective of social issues as social developments. From its viewpoint, the acknowledgement of a case as a social issue is the conclusion of a set of stages in which a large number of the cases exhibited by aggregate performers are demoralized. All through it is portrayed as a complex political process in which the result of any case is dubious and is all the time dictated by settled diversions, the impact of differential social power, and access to focuses of open influence, for example, the broad communications and government offices.

So also, his feedback of general feeling surveying stressed that such surveying frequently passes on the incorrect impression that each supposition include similarly the setting of the general population plan. Rather, Blumer called attention to that this is the situation just if the connection between the sentiment and the conclusion is unmediated by social association. In occasions in which general assumption is helpless against the impact of structures of force and control, the conclusions of persons fundamental to organizations in which this force dwells are a great deal more essential and compelling than others in influencing results. Blumer's announcement on design keeps on being one of the key articles in the investigation of this manifestation of aggregate conduct. Taking into account months of perception and discussions with parts of design houses in Paris, France, he called attention to the social fields in which manner was inclined to happen and the particular practices that went hand in hand with the setting of style, in what he portraved as a procedure of social determination that arranged the Catch 22 of coherence and intermittence of mainstream tastes.

On account of H. Blumer and N. Smelser, and different researchers included in this audit, it is conceivable to disparage

their grant to develop our own particular contentions and hypotheses. It is more valuable, nonetheless, to perceive the arranged nature of all information and the qualities and shortcomings of their commitments in the light of present-day seeing in the control. To backtrack to Park, his organization continuum permits us to admire the created nature of some aggregate conduct, in which focuses of social power, for example, the partnership and the state develop examples of aggregate conduct and social development associations (SMOS) as a feature of their expanding advanced endeavors to control society and legislative issues. It is no more aggregate conduct on one side and organization on the other however their blending that must be accepted these days. Stop never analyzed these matters however indicated the connection between the two.

The Reaction

Beginning in the late 1970s and early 1980s, aggregate conduct as a claim to fame encountered its own particular type of a craze of aggregate blame. It was a surge described by the utilization by researchers of created ideas in another way, a type of social rise; a predominating locus of connection spinning around an expert belief system; the predominance of the feeling of antagonistic vibe; and a global stadium of talk happening over a time of years and limited by class-proficient personalities (for factions in humanism, see Martin 1974; for a surge in the supportable advancement talk, see Aguirre 2002; on the postmodernist craze, see Best 1995).

The surge was to some extent encouraged by the fast social change that happened amid the 1960 to 1980 period in the United States and that differentiated rather pointedly with the relative nonattendance of social development action in the 1950s. The social liberties, antiwar, women's, and hippy developments assembled the sensitivity of sociologists and gave the encounters and recorded connection for the response in the strength, which at the compelling considered something besides express political social development action immaterial and not worth mulling over (Aguirre and Quarantelli 1983). Indeed as a discriminating mass of experts developed that built the investigation of social developments on firm grounds, this was not the situation for aggregate conduct. The inverse was all the more almost genuine; the surge demoralized the rise of a discriminating mass of researchers keen on its study.

The surge disregarded the numerous strands of grant in the strength and gathered most aggregate behaviorists as Lebonians and irrationalists (see, e.g., Melucci 1988; more far reaching reactions of the surge in Aguirre 1994). In spite of various voices guiding limitation (Aguirre 1994; Killian 1980, 1984, 1994; Lofland 1993b; Rule 1989; Smelser 1970; Turner 1981), it realized a much more prominent attention on models of levelheadedness and formal association, as embodied by the works of Olson (1971), which built the conundrum of the free rider in aggregate activity (or the thought that individuals are persuaded to augment benefits and minimize expenses and that in the event that they can get individual benefit from aggregate endeavors without helping the exertion, they will do so). Likewise a piece of this accentuation was Granovetter's (1978) edge model of aggregate activity, which contended that investment was dictated by the appropriation of edges to take part in aggregate activity in a populace of would-be members instead of by the eagerness to partake of the people. Marwell and Oliver's (1993) hypothesis of the discriminating mass included an extremely beneficial adjustment and detail to Olson's hypothesis, while all the more imperceptibly, Berk's (1974) endeavored to recognize judicious standards in swarm practices and Gamson (1990) contended for the imperativeness of complex hierarchical gimmicks, for example, centralization as indicators of fruitful endeavors of Smos. The surge gave ideological backing to the asset activation approach (RMA) to social developments and its variations (Mccarthy and Zald 1977).

The surge, in what now be known as the aggregate activity school, has gotten broad discriminating consideration (see, e.g., Buechler and Cylke 1997; Ferree and Miller 1985; Piven and Cloward 1979, 1991). It was prevailing amid the late 1970s, 1980s, and early 1990s in American social science and was just as of late tested by the social turn in the control. The same is not valid for Continental social science, which kept on showwing a valuation for aggregate conduct grant, as indicated by endeavors to comprehend football stadia fiascos in the United Kingdom (Elliott and Smith 1993; Lewis 1982, 1986, 1987), hooliganism in Belgium (De Vreese 2000), and open issue and mob in England and Canada. Especially paramount is the exploration of Waddington and his coconspirators, focused on the flashpoints model (Waddington 1992; Waddington, Jones, and Critcher 1987; see additionally Lebeuf and Soulliere 1996 and Drury and Reicher's [1999] social personality model of swarm conduct).

The Social Behavioral Interactional Perspective

Mcphail's (1991) is maybe the most modern explanation of the aggregate activity plan. He proposes what is known as the social behavioralinteractional (SBI) viewpoint. In it, aggregate activity is conceptualized regarding the association of merged movement or the quantity of individuals walking, and the extent to which they do things in like manner, for example, bouncing, moving sideways in the same heading at the same pace, signaling in the same way, and raising their arms. These are a percentage of the behavioral components. The typical the guidelines individuals get components are to act aggregately that they use to change their conduct to the conduct of others in the social event. There are numerous sorts of directions distinguished in the hypothesis. The hypothesis obtains from Goffman's stress on the social affair, analyzing what happens in the get-together as well as the amassing or joining conduct that makes it conceivable and the phase of dispersal. SBI analyzes the subunits acting in the get-together, the most widely recognized of which are little gatherings of companions and others structuring bunches and half circles.

Mcphail and his coconspirators (Mcphail and Tucker 2003) preclude the convenience from claiming the idea of aggregate conduct and rise. They have created a robotic model to record for the conduct of individuals doing things together and considering others as they act. This robotic model has had exceptionally restricted utilize as such, for it doesn't anticipate the aggregate conduct probably at the focal point of SBI diversions. In spite of its dismissal of sociocultural rise, different parts of Mcphail's SBI model are significant, especially its accentuation on taking a gander at what individuals do together in social occasions and occurrences of aggregate conduct. Such information are worth gathering regardless, as demonstrated by Wright's (1978) prior examinations of swarms and uproars; Seidler, Meyer, and Gillivray's (1976) methodology to gathering information in social events (see additionally Meyer and Seidler 1978); the examination of the mob transform by Stark et al. (1974); and investigations of the impacts of swarm size (Milgram, Bickman, and Berkowitz 1969; Newton and Mann 1980).

Limits

The previously stated reasonable measurements would constitute the limits of the strength region of aggregate conduct at present. It is valuable to consider them structuring a multidimensional space made out of distinctive districts in which diverse types of aggregate conduct can be put. They abridge a lot of examination and speculating in the strength territory of aggregate conduct and point to required exploration. At the point when considered together, they help us to remember the incredible variability of structures and substance in exact occurrences of aggregate conduct, of their liquid, precarious, change inclined nature, and of their connectedness and coherence with systematized social life. The measurements help us distinguish the prototypical instances of aggregate conduct while helping us to remember the troublesome issue of ID at the edges and of the embeddedness of occurrences of aggregate conduct in standardized courses of action in the public eye and society that they look to change.

The plan does not give from the earlier inclination to the investigation of avowedly political cases of aggregate conduct, for reasons exhibited somewhere else (Aguirre and Quarantelli 1983). Rather, it is a catholic understanding of the field of specialization, which would reintegrate to it themes of research that are progressively minimized from it, for example, the investigation of religious developments and religious bubbling, and of publics and popular feeling. It likewise perceives the restricted utilization of the idea of the swarm and the mass as the model manifestations of aggregate conduct. Its beginning stage is distinctive, to be specific, the vicinity of individuals in concentrated social events and diffused collectivities-a comprehension integral to the works of E. Goffman. John Lofland, and Clark Mcphail, in addition to different researchers. As cutting edge grant verifies, the supposed packs are in many times and places totals of little gatherings of kinfolk, neighbors, acquaintances, and companions that are differentially affected by the qualities of the encouraging occasion and the conclusion of converting among little gatherings in the get-togethers (Brown and Goldin 1973).

SMOS are perceived in the proposed blend as one of the fundamental units of social association that may demonstration in cases of aggregate conduct. General social developments frequently achieve scenes of aggregate conduct and the aggregate activity of Smos. Moreover, cases of aggregate conduct are frequently found at the initiation of social developments and Smos. Consideration regarding the social movement– aggregate conduct interface and its iterativeness may help realize the highly required reintegration of the investigation of aggregate conduct/activity and social developments while safeguarding the unique gimmicks of both.

Not all aggregate activities of Smos are pertinent to the proposed blend. Rather, just a certain kind of aggregate activity of Smos and willful associations demonstrating sociocultural development would engage aggregate behaviorists. Additionally, most activities of states and companies would not be apropos to the forte. All things considered, the aggregate activity of corporate substances that speak to the production of occasions of aggregate conduct and Smos would to be sure be of investment, separated from the aggregate conduct that happens inside organizations (Zald and Berger 1971). A for example is the creation, association, and activation by the tobacco business in the United States of professional corporate activism from little gatherings of smokers to endeavor to ruin the resistance to smoking (Santos 2004); comparative endeavors by companies to endeavor to dishonor the ecological development; and the authoritative and interorganizational rise that happens in the quick repercussions of calamities amid inquiry andrescue endeavors and in different endeavors to help stricken groups. This corporate action gets to be substantially more continuous in the undeniably state- and corporate-steered societies of cutting edge private enterprise and are key procedures of enthusiasm to aggregate behaviorists. In this manner, for instance, the Stalinist cleanses would be rich ground for examinations, as is the creation and use by governments all through the universe of Smos and occurrences of aggregate conduct (Aguirre 1984). The 2004 U.s. presidential decision political fights are an alternate for example.

The idea of predominating feeling in occurrences of aggregate conduct (Lofland 1985) is valuable for depicting occasions of aggregate conduct and is consequently consolidated into the proposed plan, albeit complex sociocultural occasions made up of both aggregate conduct and standardized social life happening in numerous places over similarly drawn out stretches of time are frequently embodied by more than one predominant feeling. The World Trade Center's September 11, 2001, terrorist assault is a sample in which different examples of organized move and aggregate conduct made spot. commanded at different stages by both apprehension and threatening vibe. Sequentially and episodically, they went from the tension and apprehension of the evacuees of the destined towers and the specialists on call for the fear and distress embodying the hunt and salvage and the merging of help and sensitivity from all through the nation and the world, to the across the country threatening general notion, mass outrage, and war distractions that took after the assault and that eventuated in the U.s. ambush on Afghanistan. Still to be comprehended are the movements of overwhelming feeling over the long run in these complex occasions.

REFERENCES:

1. Abramson, Leon. 1961. The Political Context of Sociology. Princeton, NJ: Princeton University Press.

2. Adamek, Raymond and Jerry M. Lewis. 1973. "Social Control Violence and Radicalization: The Kent State Case." Social Forces 51:342–47.

3. Aguirre, Benigno E. 1994. "Collective Behavior and Social Movement Theory." Pp. 257–72 in Disasters, Collective Behavior, and Social Organization, edited by R. R. Dynes and K. Tierney. Newark: University of Delaware Press.

4. Aguirre, Benigno E. 2002. "Sustainable Development as a Collective Surge." Social Science Quarterly 83(1):101–18.

5. Aguirre, Benigno E. 2005. "Emergency Evacuation, Panic, and Social Psychology." Psychiatry 68(2):121–29.

6. Aguirre, B. E., D. Wenger, and G. Vigo. 1998. "A Test of Emergent Norm Theory of Collective Behavior." Sociological Forum 13:301–20.

7. Aguirre, B. E. and E. L. Quarantelli. 1983. "Methodological, Ideological, and Conceptual-Theoretical Criticisms of the Field of Collective Behavior: A Critical Evaluation and Implications for Future Studies." Sociological Focus 16:195–216.

8. Aguirre, B. E., E. L. Quarantelli, and Jorge L. Mendoza. 1988. "The Collective Behavior of Fads: The Characteristics, Effects and Career of Streaking." American Sociological Review 53:569–84.

9. Aguirre, Benigno E. 1984. "The Conventionalization of Collective Behavior in Cuba." American Journal of Sociology 90:541–66.

10. Alexander, Jeffrey C., R. Eyerman, B. Giesen, N. J. Smelser, and P. Sztompka. 2004. Cultural Trauma and Collective Identity. Berkeley: University of California Press.

11. Allport, Floyd. 1924. Social Psychology. Boston, MA: Houghton Mifflin.

12. Anderson, L., D. Snow, and D. Cress. 1994. "Negotiating the Public Realm: Stigma Management and Collective Action among the Homeless." Pp. 121–43 in The Community of "The Streets," edited by S. Cahill and L. Lofland. Greenwich, CT: JAI Press.

13. Ash, Timothy Garton. 1990. We the People. The Revolution of '89 Witnessed in Warsaw, Budapest, Berlin, and Prague. Cambridge, England: Granta Books.

14. Baldassarre, Gianluca, S. Nolfi, and D. Parisi. 2003. "Evolving Mobile Robots Able to Display Collective Behaviors." Artificial Life 9:255–67.

15. Benford, Robert D. and D. A. Snow. 2000. "Framing Processes and Social Movements: An Overview and Assessment." Annual Review of Sociology 26:11–39.

16. Berk, Richard A. 1974. "A Gaming Approach to Crowd Behavior." American Sociological Review 39:355–73.

17. Best, Joel. 1995. "Lost in the Ozone Again: The Postmodernist Fad and Interactionist Foibles." Studies in Symbolic Interaction 17:125–30. 18. Blumer, Herbert. 1939. "Collective Behavior." In An Outline of the Principles of Sociology, edited by R. E. Park. New York: Barnes & Noble.

19. Blumer, Herbert. 1946. "Elementary Collective Groupings." Pp. 178–96 in New Outlines of the Principles of Sociology, edited by A. M. Lee. New York: Barnes & Noble.

20. Blumer, Herbert. 1948. "Public Opinion and Public Opinion Polling." American Sociological Review 13:542–54.

21. Blumer, Herbert. 1969. "Fashion: From Class Differentiation to Collective Selection." The Sociological Quarterly 10:275–91.

22. Blumer, Herbert. 1971. "Social Problems as Collective Behavior." Social Problems 18:298–306.

23. Brass, Paul R. 1996. Riots and Pogroms. New York: New York University Press.

24. Brass, Paul R. 1997. Theft of an Idol: Text and Context in the Representation of Collective Violence. Princeton, NJ: Princeton University Press.

25. Brown, Michael and A. Goldin. 1973. Collective Behavior. Pacific Palisades, CA: Goodyear.

26. Buechler, Steven M. and F. Kurt Cylke Jr., eds. 1997. Social Movements: Perspectives and Issues. Mountain View, CA: Mayfield.

27. Cilliers, Jakkie. 1989. "Crowd Dynamics, the Value Added Approach." South African Journal of Sociology 20:176– 86.

28. Cress, Daniel M. and D. A. Snow. 2000. "The Outcomes of Homeless Mobilization: The Influence of Organization, Disruption, Political Mediation, and Framing." American Journal of Sociology 105:1063–1104.

29. Davis, Phillip W. and J. Boles. 2003. "Pilgrim Apparition Work." Journal of Contemporary Ethnography 32:371–402.

30. De Biasi, Rocco. 1998. "The Policing of Hooliganism in Italy." Pp. 213–27 in Policing Protest, edited by D. Della Porta and H. Reiter. Minneapolis: University of Minnesota Press. 31. De Vreese, Stefan. 2000. "Hooliganism under the Statistical Magnifying Glass: A Belgian Case Study." European Journal on Criminal Policy and Research 8:201–23.

32. Drury, John and S. Reicher. 1999. "The Intergroup Dynamics of Collective Empowerment: Substantiating the Social Identity Model of Crowd Behavior." Group Processes and Intergroup Relations 2:381–402.

33. Durkheim, Emile. [1897] 1951. Suicide: A Study in Sociology. Translated by J. A. Spaulding and G. Simpson. New York: Free Press of Glencoe.

34. Durkheim, Emile. [1893] 1997. The Division of Labor in Society. New York: Free Press.

35. Edelman, Murray. 1988. Constructing the Political Spectacle. Chicago, IL: University of Chicago Press.

36. Elliott, Dominic and Denis Smith. 1993. "Football Stadium Disasters in the United Kingdom: Learning from Tragedy?" Industrial and Environmental Crisis Quarterly 7:205–29.

37. Eyerman, Ron and A. Jamison. 1998. Music and Social Movements. Cambridge, England: Cambridge University Press.

38. Faris, Ellsworth. 1926. "The Concept of Imitation." American Journal of Sociology 32:367–78.

39. Feinberg, William E. and Norris R. Johnson. 1988. "Outside Agitators and Crowds: Results from a Computer Simulation Model." Social Forces 67:398–423.

40. Feinberg, William E. and Norris R. Johnson. 1989. "Crowd Structure and Process: Theoretical Framework and Computer Simulation Model." Advances in Group Processes 6:49–86.

41. Feinberg, William E. and Norris R. Johnson. 1995. "Fire Escape: A Computer Simulation Model of Reaction to a Fire Alarm." Journal of Mathematical Sociology 20:247–69.

42. Feinberg, William E. and Norris R. Johnson. 1997a. "Decision Making in a Dyad: Response to a Fire Alarm: A Computer Simulation Investigation." Advances in Group Processes 14:59–80. 43. Feinberg, William E. and Norris R. Johnson. 1997b. "The Impact of Exit Instructions and Number of Exits in Fire Emergencies: A Computer Simulation Investigation." Environmental Psychology 17:123–33.

44. Feinberg, William E. and Norris R. Johnson. 1998. "Queuing, Exit Sorting, and Evacuation in Fire Emergencies: A Computer Simulation Investigation." In Proceedings of First International Symposium on Human Behavior in Fire, edited by J. Shields. Ulster, UK: University of Ulster, Fire Safety Engineering Research and Technology Center.

45. Feinberg, William E. and Norris R. Johnson. n.d. "A Computer Simulation of the Emergence of Consensus in Crowds." Unpublished manuscript.

46. Ferree, Myra Marx and Frederick D. Miller. 1985. "Mobilization and Meaning: Toward an Integration of Social Psychological and Resource Perspectives on Social Movements." Sociological Inquiry 55:38–61.

47. Freud, Sigmund. 1938. The Basic Writings of Sigmund Freud. Edited and translated by A. A. Brill. New York: Modern Library.

48. Freud, Sigmund. 2001. Group Psychology and the Analysis of the Ego. Hillsdale, NJ: Analytic Press.

49. Gamson, William A. 1990. The Strategy of Social Protest. 2d ed. Belmont, CA: Wadsworth.

50. Gilje, Paul A. 1999. Rioting in America. Bloomington: Indiana University Press.

51. Goffman, Erving. 1963. Stigma: Notes on the Management of Spoiled Identity. New York: Simon & Schuster.

52. Goode, Erich and Nachman Ben-Yehuda. 1994. Moral Panics: The Social Construction of Deviance. Cambridge, England: Oxford University Press.

53. Granovetter, M. 1978. "Threshold Models of Collective Behavior." American Journal of Sociology 83:1420–43.

54. Griswold, Wendy. 1987. "A Methodological Framework for the Sociology of Culture." Sociological Methodology 17:1–35. 55. Gross, Jan T., ed. 1984. Poland's Self-Limiting Revolution: Jadwiga Staniskis. Princeton, NJ: Princeton University Press.

56. Gusfield, Joseph R. 1986. Symbolic Crusade: Status Politics and the American Temperance Movement. Urbana: University of Illinois Press.

57. Johnson, Norris R. and William E. Feinberg. 1990. "Ambiguity and Crowds: Results from a Computer Simulation Model." Research in Social Movements, Conflict and Change 12:35–66.

58. Kaizoji, Taisei. 2000. "Speculative Bubbles and Crashes in Stock Markets: An Interacting-Agent Model of Speculative Activity." Physica A 287:493–506.

59. Killian, Lewis. 1980. "Theory of Collective Behavior: The Mainstream Revisited." Pp. 275–89 in Sociological Theory and Research, edited by H. Blalock. New York: Free Press.

60. Killian, Lewis. 1984. "Organization, Rationality and Spontaneity in the Civil Rights Movements." American Sociological Review 49:770–83.

61. Killian, Lewis. 1994. "Are Social Movements Irrational or Are They Collective Behavior?" Pp. 273–80 in Disasters, Collective Behavior, and Social Organization, edited by R. R. Dynes and K. J. Tierney. Newark: University of Delaware Press.

62. Klapp, Orrin. 1962. Heroes, Villains, Fools. Englewood Cliffs, NJ: Prentice Hall.

63. Klapp, Orrin. 1964. Symbolic Leaders, Public Dramas, and Public Men. New York: Minerva Press.

64. Klapp, Orrin. 1969. Collective Search for Identity. New York: Holt, Rinehart & Winston.

65. Klapp, Orrin. 1970. "Style Rebellion and Identity Crisis." Pp. 69–89 in Human Nature and Collective Behavior: Papers in Honor of Herbert Blumer, edited by T. Shibutani. Englewood Cliffs, NJ: Prentice Hall. 66. Lang, Gladys Engel. 1983. The Battle for Public Opinion: The President, the Press, and the Polls during Watergate. New York: Columbia University Press.

67. Lang, Kurt and Gladys Engel Lang. 1961. Collective Dynamics. New York: Thomas Y. Crowell.

68. LaPiere, Richard. 1938. Collective Behavior. New York: McGraw-Hill.

69. LaPiere, Richard and Paul R. Farnsworth. 1936. Social Psychology. New York: McGraw-Hill.

70. Larana, Enrique, H. Johnston, and J. R. Gusfield. 1994.New Social Movements: From Ideology to Identity.Philadelphia, PA: Temple University Press.

71. Lebeuf, Marcel-Eugene and Nicole Soulliere. 1996. Social Order and Disorder in Canada: A Summary of the Facts. Ottowa, Ontario, Canada: Canadian Police Institute, Canadian Police College.

72. Levy, Linda. 1989. "A Study of Crowd Behavior: The Case of the Great Pumpkin Incident." Journal of Sports and Social Issues 13:69–91.

73. Lewis, Jerry M. 1982. "Social Control at English Football Matches." Sociological Focus 15:417–23.

74. Lewis, Jerry M. 1986. "A Protocol for the Comparative Analysis of Sports Crowd Violence." International Journal of Mass Emergencies and Disasters 4:211–25.

75. Lewis, Jerry M. 1987. "Crisis Resolution: The Bradford Fire and English Society." Sociological Focus 20:155–68.

76. Lewis, J. M. 1989. "A Value-Added Analysis of the Heysel Stadium Soccer Riot." Current Psychology 8:15–29.

77. Locher, David A. 2002. Collective Behavior. Englewood Cliffs, NJ: Prentice Hall.

78. Lofland, John. 1966. Doomsday Cult: A Study of Conversion, Proselytization, and Maintenance of Faith. Englewood Cliffs, NJ: Prentice Hall.

79. Lofland, John. 1985. Protest. New Brunswick, NJ: Transaction Books. 80. Lofland, John. 1993a. Polite Protesters: The American Peace Movement of the 1980's. Syracuse, NY: Syracuse University Press.

81. Lofland, John. 1993b. "Theory Bashing and Answer Improving in the Study of Social Movements." The American Sociologist 24:37–58.

82. Lofland, John. 1996. "Charting Degrees of Movement Culture: Tasks of the Cultural Cartographer." Pp. 188–216 in Social Movements and Culture, edited by H. Johnston and B. Klandermans. Minneapolis: University of Minnesota Press.

83. Mann, Leon, T. Nagel, and P. Dowling. 1976. "A Study of Economic Panic: The 'Run' on the Hindmarsh Building Society." Sociometry 39:223–35.

84. Martin, Richard J. 1974. "Cultic Aspects of Sociology: Speculative Essay." British Journal of Sociology 25:15–31.

85. Marwell, G. and P. Oliver. 1993. The Critical Mass in Collective Action. Cambridge, England: Cambridge University Press.

86. Marx, Gary. 1970. "Issueless Riots." Pp. 21–33 in Collective Violence: Annals of the American Academy of Political and Social Science, edited by M. Wolfgang and J. F. Short. Philadelphia, PA: American Academy of Political Science.

87. Marx, Gary. 1974. "Thoughts on a Neglected Category of Social Movement Participants: The Agent Provocateur and the Informant." American Journal of Sociology 80:402–42.

88. Marx, Gary T. and D. McAdam. 1994. Collective Behavior and Social Movements. New York: Prentice Hall.

89. Mattern, Mark. 1998. Acting in Concert: Music, Community, and Political Action. New Brunswick, NJ: Rutgers University Press.

90. McAllister, Kevin Michael. 2002. "Analysis of Sport Crowd Behavior Adapting Smelser's Theory of Collective Behavior." Ph.D. dissertation, Department of Education, Boston University, Boston, MA. 91. McCarthy, John D. and Mayer N. Zald. 1977. "Resource Mobilization and Social Movements: A Partial Theory." American Journal of Sociology 82:1212–41.

92. McPhail, Clark. 1991. The Myth of the Madding Crowd. New York: Aldine.

93. McPhail, Clark and Charles W. Tucker. 2003. "From Collective Behavior to Collective Action and Beyond." In The Handbook of Symbolic Interactionism, edited by L. T. Reynolds and N. J. Herman. Walnut Creek, CA: AltaMira Press.

94. Melucci, Alberto. 1988. "Getting Involved: Identity and Mobilization in Social Movements." International Social Movement Research 1:329–48.

95. Meyer, Katherine and John Seidler. 1978. "The Structure of Gatherings." Sociology and Social Research 63:131–53.

96. Milgram, Stanley, L. Bickman, and L. Berkowitz. 1969. "Note on the Drawing Power of Crowds of Different Size." Journal of Personality and Social Psychology 13:79–82.

97. Miller, Neil and John Dollard. 1941. Social Learning and Imitation. New Haven, CT: Yale University Press.

98. Mukerji, Chandra and Michael Schudson. 1986. "Popular Culture." Annual Review of Sociology 12:47–66.

99. Neil, David M. and Brenda D. Phillips. 1988. "An Examination of Emergent Norms and Emergent Social Structures in Collective Behavior Situations." Sociological Focus 21:233–43.

100. Newton, James and Leon Mann. 1980. "Crowd Size as a Factor in the Persuasion Process: A Study of Religious Crusade Meetings." Journal of Personality and Social Psychology 39:874–83.

101. Nye, Robert A. 1975. The Origins of Crowd Psychology: Gustave LeBon and the Crisis of Mass Democracy in the Third Republic. Beverly Hills, CA: Sage.

102. Oberschall, Anthony. 1973. Social Conflict and Social Movements. Englewood Cliffs, NJ: Prentice Hall.

103. Oberschall, Anthony. 1978. "The Decline of the 1960s Social Movement." Research in Social Movements, Conflicts and Change 1:257–89.

104. Oberschall, Anthony. 1980. "Loosely Structured Collective Conflict: A Theory and an Application." Research in Social Movements, Conflicts and Change 3:45–68.

105. Oberschall, Anthony. 1989a. "Culture Change and Social Movements." Presentation at the 84th annual meeting of the ASA, August 9–13, San Francisco, CA.

106. Oberschall, Anthony. 1989b. "The 1960's Sit-Ins: Protest Diffusion and Movement Take-Off." Research in Social Movements, Conflict, and Change 11:31–53.

107. Oberschall, Anthony. 1993. Social Movements: Interests, Ideologies and Identities. New Brunswick, NJ: Transaction.

108. Oberschall, Anthony. 1994. "Protest Demonstrations and the End of Communist Regimes in 1989." Research in Social Movements, Conflict and Change 17:1–24.

109. Olson, Mancur. 1971. The Logic of Collective Action: Public Goods and the Theory of Groups. Cambridge, MA: Harvard University Press.

110. Pakulski, Jan. 1986. "Leaders of the Solidarity Movement: A Sociological Portrait." Sociology 20:64–81.

111. Park, Robert E. [1904] 1972. The Crowd and the Public. Reprint. Chicago, IL: University of Chicago Press.

112. Park, Robert E. and Ernest Burgess. 1921. Introduction to the Science of Sociology. Chicago, IL: University of Chicago Press.

113. Parsons, Talcott. 1971. The System of Modern Societies. Englewood Cliffs, NJ: Prentice Hall.

114. Piven, Frances Fox and Richard A. Cloward. 1979. Poor People's Movements: Why They Succeed, How They Fail. New York: Vintage Books.

115. Piven, Frances Fox and Richard A. Cloward. 1991. "Collective Protest: A Critique of Resource Mobilization Theory." International Journal of Politics, Culture, and Society 4:435–58. 116. Prechter, Robert R., Jr. 2001. "Unconscious Herding Behavior as the Psychological Basis of Financial Market Trends and Patterns." Journal of Psychology and Financial Markets 2:120–25.

117. Quarantelli, E. L. 1974. "The Structural Problem of a Sociological Specialty: Collective Behavior's Lack of a Critical Mass." American Sociologist 9:59–67.

118. Quarantelli, E. L. and J. Hundley. 1969. "A Test of Some Propositions about Crowd Formation and Behavior." Pp. 317–86 in Readings in Collective Behavior, edited by R. R. Evans. Chicago, IL: Rand-McNally.

119. Rafael, Vicente L. 2003. "The Cell Phone and the Crowd: Messianic Politics in the Contemporary Philippines." Public Culture 15:399–425.

120. Rheingold, Howard. 2002. Smart Mobs: The Next Social Revolution. New York: Basic Books.

121. Roberts, Carl W. and Kurt Lang. 1985. "Generations and Ideological Change: Some Observations." Public Opinion Quarterly 49:460–73.

122. Rule, James B. 1988. Theories of Civil Violence. Berkeley: University of California Press.

123. Rule, James B. 1989. "Rationality and Non-Rationality in Militant Collective Action." Sociological Theory 7:145–60.

124. Santos, Gabriel. 2004. "The Manufacture of Collective Behavior by the Tobacco Industry." Unpublished manuscript.

125. Santos, Gabriel and B. E. Aguirre. 2005. "A Critical Review of Emergency Evacuation Simulation Models." Pp. 27– 52 in Workshop on Building Occupant Movement during Fire Emergencies, edited by R. D. Peacock and E. D. Kuligowski.

126. Schuessler, Alexander A. 2000. "Expressive Voting." Rationality and Society 12:87–119.

127. Schweingruber, David. 2000. "Mob Sociology and Escalated Force: Sociology's Contributions to Repressive Police Tactics." Sociological Quarterly 41:371–89. 128. Seidler, John, K. Meyer, and L. M. Gillivray. 1976. "Collecting Data on Crowds and Rallies: A New Method of Stationary Sampling." Social Forces 55:507–19.

129. Smelser, Neil J. 1963. Theory of Collective Behavior. New York: Free Press.

130. Smelser, Neil J. 1966. "Mechanisms of Change and Adjustment to Change." Pp. 32–54 in Industrialization and Society, edited by B. F. Hoselitz and W. E. Moore. The Hague, The Netherlands: Mouton.

131. Smelser, Neil J. 1968. Essays in Sociological Explanation. Englewood Cliffs, NJ: Prentice Hall.

132. Smelser, Neil J. 1970. "Two Critics in Search of a Bias." Annals of the American Academy of Political and Social Science 391:46–55.

133. Smelser, Neil J. 1992. "External and Internal Factors in Theories of Social Change." Pp. 369–94 in Social Change and Modernity, edited by H. Haferkkamp and N. J. Smelser. Berkeley: University of California Press.

134. Smelser, Neil J. 2004. "Psychological Trauma and Cultural Trauma." Pp. 31–59 in Cultural Trauma and Collective Identity, edited by J. C. Alexander, R. Eyerman, B. Giesen, N. J. Smelser, and P. Sztompka. Berkeley: University of California Press.

135. Snow, David A. 2004. The Blackwell Companion to Social Movements. Malden, MA: Blackwell.

136. Snow, David A., E. B. Rochford, S. K. Worden, and R. D. Benford. 1986. "Frame Alignment Processes, Micromobilization, and Movement Participation," American Sociological Review 51:464–81.

137. Snow, David A., L. Zurcher, and R. Peters. 1981. "Victory Celebrations as Theater: A Dramaturgical Approach to Crowd Behavior." Symbolic Interaction 4:21–41.

138. Sornette, D. 2003. "Critical Market Crashes." Physics Reports 378:1–98.

139. Sorokin, P. and R. E. Merton. 1937. "Social Time: A Methodological and Functional Analysis." American Journal of Sociology 42:615–29.

140. Spotton Visano, Brenda. 2002. "Financial Manias and Panics: A Socioeconomic Perspective." American Journal of Economics and Sociology 61:801–27.

141. Stark, Margaret J. A., W. J. Raine, S. L. Burbeck, and K. K. Davison. 1974. "Some Empirical Patterns in a Riot Process." American Sociological Review 39:865–76.

142. Steigerwalt, Judi. 1974. "Gabriel Tarde's Theory of Collective Behavior." Unpublished manuscript.

143. Stott, Clifford and Steve Reicher. 1998a. "Crowd Action as Intergroup Process: Introducing the Police Perspective." European Journal of Social Psychology 28:509–29.

144. Stott, Clifford and Steve Reicher. 1998b. "How Conflict Escalates: The Inter-Group Dynamics of Collective Football Crowd Violence." Sociology 32:353–77.

145. Strauss, Anselm L. 1993. Continual Permutations of Action. New York: Aldine de Gruyter.

146. Szabo, Mate. 1996. "Repertoires of Contention in Post Communist Protest Cultures: An East Central European Comparative Survey." Social Research 63:1155–82.

147. Sztompka, Piotr. 1993. "Lessons on Post Communist Transition for Sociological Theories of Change." Pp. 131–49 in Post Communist Poland: From Totalitarianism to Democracy, edited by J. Coenen-Huther and B. Synak. New York: Nova Science.

148. Tambiah, Stanley J. 1997. "Friends, Neighbors, Enemies, Strangers: Aggressor and Victim in Civilian Ethnic Riots." Social Science of Medicine 45:1177–88.

149. Tarde, Gabriel. 1969. On Communication and Social Influence: Selected Papers. Chicago, IL: University of Chicago Press.

150. Tilly, Charles. 1978. From Mobilization to Revolution. Reading, MA: Addison-Wesley. 151. Turner, Ralph H. 1981. "Collective Behavior and Resource Mobilization as Approaches to Social Movements: Issues and Continuities." Research in Social Movements, Conflict, and Change 4:1–24.

152. Turner, Ralph H., ed. 1967. Robert E. Park on Social Control and Collective Behavior. Chicago, IL: University of Chicago Press.

153. Turner, Ralph H. and Lewis M. Killian. 1987. Collective Behavior. 3d ed. Englewood Cliffs, NJ: Prentice Hall.

154. Useem, Bert. 1985. "Disorganization and the New Mexico Prison Riot of 1980." American Sociological Review 50:677–88.

155. Useem, Bert. 1998. "Breakdown Theories of Collective Action." Annual Review of Sociology 24:215–38.

156. Useem, Bert and Peter A. Kimball. 1989. States of Siege:U.S. Prison Riots, 1971–1986. New York: Oxford University Press.

157. Van Ginneken, Jaap. 2003. Collective Behavior and Public Opinion: Rapid Shifts in Opinion and Communication. Mahwah, NJ: Lawrence Erlbaum.

158. Waddington, D. 1992. Contemporary Issues in Public Disorder: A Comparative and Historical Approach. London, England: Routledge.

159. Waddington, D., K. Jones, and C. Critcher. 1987. "Flashpoints of Public Disorder." Pp. 155–99 in The Crowd in Contemporary Britain, edited by G. Gaskell and R. Benewick. London, England: Sage.

160. Walker, Iaian and Heather J. Smith, eds. 2002. RelativeDeprivation: Specification, Development, and Integration.Cambridge, England: Cambridge University Press.

161. Ward, Christopher R., F. Gobet, and G. Kendall. 2001. "Evolving Collective Behavior in an Artificial Ecology." Artificial Life 7:191–209.

162. Watts, Meredith W. 2001. "Aggressive Youth Cultures and Hate Crime: Skinheads and Xenophobic Youth in Germany." American Behavioral Scientist 45:600–15. 163. Weeber, Stan C. and Daniel G. Rodeheaver. 2003. "Militias at the Millennium: A Test of Smelser's Theory of Collective Behavior." Sociological Quarterly 44(2):181–204.

164. Weller, Jack and E. L. Quarantelli. 1973. "Neglected Characteristics of Collective Behavior." American Journal of Sociology 79:665–85.

165. Wilson, Robert A. 2001. "Group Level Cognition." Philosophy of Science 68(3):s262–73.

166. Wright, Sam. 1978. Crowds and Riots: A Study in Social Organization. Beverly Hills, CA: Sage.

167. Zald, Mayer N. and Michael A. Berger. 1971. "Social Movements in Organizations: Coup d'Etat, Insurgency, and Mass Movements." American Journal of Sociology 83:833–61.

168. Zald, Mayer N. and Bert Useem. 1987. "Movement and Countermovement Interaction: Mobilization, Tactics, and State Involvement." Pp. 247–71 in Social Movements in an Organizational Society, edited by M. N. Zald and J. McCarthy. New Brunswick, NJ: Transaction.

169. Zucker, L. G. 1977. "The Role of Institutionalization in Cultural Persistence." American Sociological Review 42:726–43.
170. Zygmunt, Joseph F. 1986. "Collective Behavior as a Phase of Societal Life: Blumer's Emergent Views and Their Implications." Research in Social Movements, Conflicts and Change 9:15–46.