

# USES AND GRATIFICATIONS RESEARCH

BY ELIHU KATZ, JAY G. BLUMLER, AND  
MICHAEL GUREVITCH

**I**NTEREST IN THE GRATIFICATIONS that media provide their audiences goes back to the beginning of empirical mass communication research. Such studies were well represented in the Lazarsfeld-Stanton collections (1942, 1944, 1949): Herzog (1942) on quiz programs and the gratifications derived from listening to soap operas, Suchman (1942) on the motives for getting interested in serious music on radio, Wolfe and Fiske (1949) on the development of children's interest in comics, Berelson (1949) on the functions of newspaper reading, and so on. Each of these investigations came up with a list of functions served either by some specific contents or by the medium in question: to match one's wits against others, to get information or advice for daily living, to provide a framework for one's day, to prepare oneself culturally for the demands of upward mobility, or to be reassured about the dignity and usefulness of one's role.

What these early studies had in common was, first, a basically similar methodological approach whereby statements about media functions were elicited from the respondents in an essentially open-ended way. Second, they shared a qualitative approach in their attempt to group gratification statements into labelled categories, largely ignoring the distribution of their frequency in the population. Third, they did not attempt to explore the links between the gratifications thus detected and the psychological or sociological origins of the needs that were so satisfied. Fourth, they failed to search for the interrelationships among the various media functions, either quantitatively or conceptually, in a manner that might have led to the detection of the latent structure of media gratifications. Consequently, these studies did not result in a cumulatively more detailed picture of media gratifications conducive to the eventual formulation of theoretical statements.

The last few years have witnessed something of a revival of direct empirical investigations of audience uses and gratifications, not only in the United States but also in Britain, Sweden, Finland, Japan, and Israel. These more recent studies have a number of dif-

fering starting points, but each attempts to press toward a greater systematization of what is involved in conducting research in this field. Taken together, they make operational many of the logical steps that were only implicit in the earlier work. They are concerned with: (1) the social and psychological origins of (2) needs, which generate (3) expectations of (4) the mass media or other sources, which lead to (5) differential patterns of media exposure (or engagement in other activities), resulting in (6) need gratifications and (7) other consequences, perhaps mostly unintended ones.\* Some of these investigations begin by specifying needs and then attempt to trace the extent to which they are gratified by the media or other sources. Others take observed gratifications as a starting point and attempt to reconstruct the needs that are being gratified. Yet others focus on the social origins of audience expectations and gratifications. But however varied their individual points of departure, the convergence of their foci, as well as of their findings, indicate that there is a clear agenda here—part methodological and part theoretical—for a discussion of the future directions of this approach.

#### SOME BASIC ASSUMPTIONS OF THEORY, METHOD, AND VALUE

Perhaps the pace of “theory” and “method” in the study of audience uses and gratifications is not immediately apparent. The common tendency to attach the label “uses and gratifications approach” to work in this field appears to virtually disclaim any theoretical pretensions or methodological commitment. From this point of view the approach simply represents an attempt to explain something of the way in which individuals use communications, among other resources in their environment, to satisfy their needs and to achieve their goals, and to do so by simply asking them. Nevertheless, this effort does rest on a body of assumptions, explicit or implicit, that have some degree of internal coherence and that are arguable in the sense that not everyone contemplating them would find them self-evident. Lundberg and Hulten (1968) refer to them as jointly comprising a “uses and gratifications model.” Five elements of this model in particular may be singled out for comment:

1. The audience is conceived of as active, i.e., an important part of mass media use is assumed to be goal directed (McQuail, Blumler, and Brown, 1972). This assumption may be contrasted with Bogart's (1965) thesis to the effect that “most mass media experi-

\* Rosengren (1972) has recently proposed a refined formulation of such a paradigm for studies of uses and gratifications.

ences represent pastime rather than purposeful activity, very often [reflecting] chance circumstances within the range of availabilities rather than the expression of psychological motivation or need." Of course, it cannot be denied that media exposure often has a casual origin; the issue is whether, in addition, patterns of media use are shaped by more or less definite expectations of what certain kinds of content have to offer the audience member.

2. In the mass communication process much initiative in linking need gratification and media choice lies with the audience member. This places a strong limitation on theorizing about any form of straight-line effect of media content on attitudes and behavior. As Schramm, Lyle, and Parker (1961) said:

In a sense the term "effect" is misleading because it suggests that television "does something" to children. . . . Nothing can be further from the fact. It is the children who are most active in this relationship. It is they who use television rather than television that uses them.

3. The media compete with other sources of need satisfaction. The needs served by mass communication constitute but a segment of the wider range of human needs, and the degree to which they can be adequately met through mass media consumption certainly varies. Consequently, a proper view of the role of the media in need satisfaction should take into account other functional alternatives—including different, more conventional, and "older" ways of fulfilling needs.

4. Methodologically speaking, many of the goals of mass media use can be derived from data supplied by individual audience members themselves—i.e., people are sufficiently self-aware to be able to report their interests and motives in particular cases, or at least to recognize them when confronted with them in an intelligible and familiar verbal formulation.

5. Value judgements about the cultural significance of mass communication should be suspended while audience orientations are explored on their own terms. It is from the perspective of this assumption that certain affinities and contrasts between the uses and gratifications approach and much speculative writing about popular culture may be considered.

#### STATE OF THE ART: THEORETICAL ISSUES

From the few postulates outlined above, it is evident that further development of a theory of media gratification depends, first, on the

clarification of its relationship to the theoretical traditions on which it so obviously draws and, secondly, on systematic efforts toward conceptual integration of empirical findings. Given the present state of the art, the following are priority issues in the development of an adequate theoretical basis.

*Typologies of audience gratifications*

Each major piece of uses and gratifications research has yielded its own classification scheme of audience functions. When placed side by side, they reveal a mixture of shared gratification categories and notions peculiar to individual research teams. The differences are due in part to the fact that investigators have focused on different levels of study (e.g., medium or content) and different materials (e.g., different programs or program types on, say, television) in different cultures (e.g., Finland, Israel, Japan, Sweden, the United Kingdom, the United States, and Yugoslavia).

The wide currency secured for a bi-functional view of audience concerns is reflected in Weiss' (1971) summary, which states that, "When . . . studies of uses and gratifications are carried out, the media or media content are usually viewed dichotomously as predominantly fantasist-escapist or informational-educational in significance." This dichotomy appears, for example, in Schramm's (1949) work (adopted subsequently by Schramm, Lyle, and Parker, 1961; Pietila, 1969; and Furu, 1971), which distinguishes between sets of "immediate" and "deferred" gratifications, and in the distinction between informational and entertainment materials. In terms of audience gratifications specifically, it emerges in the distinction between surveillance and escape uses of the media.

The four-functional interpretation of the media was first proposed by Lasswell (1948) on a macro-sociological level and later developed by Wright (1960) on both the macro- and the micro-sociological levels. It postulated that the media served the functions of surveillance, correlation, entertainment, and cultural transmission (or socialization) for society as a whole, as well as for individuals and subgroups within society. An extension of the four-function approach can also be found in Wright's suggestive exploration of the potential dysfunctional equivalents of Lasswell's typology.

None of these statements, however, adequately reflects the full range of functions, which has been disclosed by the more recent investigation. McQuail, Blumler, and Brown (1972) have put forward a typology consisting of the following categories: diversion

(including escape from the constraints of routine and the burdens of problems, and emotional release); personal relationships (including substitute companionship as well as social utility); personal identity (including personal reference, reality exploration, and value reinforcement); and surveillance.

An effort to encompass the large variety of specific functions that have been proposed is made in the elaborate scheme of Katz, Gurevitch, and Haas (1973). Their central notion is that mass communication is used by individuals to connect (or sometimes to disconnect) themselves—via instrumental, affective, or integrative relations—with different kinds of others (self, family, friends, nation, etc.). The scheme attempts to comprehend the whole range of individual gratifications of the many facets of the need “to be connected.” And it finds empirical regularities in the preference for different media for different kinds of connections.

### *Gratifications and needs*

The study of mass media use suffers at present from the absence of a relevant theory of social and psychological needs. It is not so much a catalogue of needs that is missing as a clustering of groups of needs, a sorting out of different levels of need, and a specification of hypotheses linking particular needs with particular media gratifications. It is true that the work of Schramm, Lyle, and Parker (1961) draws on the distinction between the reality and pleasure principles in the socialization theories of Freud and others, but more recent studies suggest that those categories are too broad to be serviceable. Maslow's (1954) proposed hierarchy of human needs may hold more promise, but the relevance of his categories to expectations of communication has not yet been explored in detail. Lasswell's (1948) scheme to specify the needs that media satisfy has proven useful, and it may be helpful to examine Lasswell and Kaplan's (1950) broader classification of values as well.

Alternatively, students of uses and gratifications could try to work backwards, as it were, from gratifications to needs. In the informational field, for example, the surveillance function may be traced to a desire for security or the satisfaction of curiosity and the exploratory drive; seeking reinforcement of one's attitudes and values may derive from a need for reassurance that one is right; and attempts to correlate informational elements may stem from a more basic need to develop one's cognitive mastery of the environment. Similarly, the use of fictional (and other) media materials for “personal reference” may spring from a need for self-esteem; social utility func-

tions may be traced to the need for affiliation; and escape functions may be related to the need to release tension and reduce anxiety. But whichever way one proceeds, it is inescapable that what is at issue here is the long-standing problem of social and psychological science: how to (and whether to bother to) systematize the long lists of human and societal needs. Thus far, gratifications research has stayed close to what we have been calling media-related needs (in the sense that the media have been observed to satisfy them, at least in part), but one wonders whether all this should not be put in the broader context of systematic studies of needs.

### *Sources of Media Gratifications*

Studies have shown that audience gratifications can be derived from at least three distinct sources: media content, exposure to the media *per se*, and the social context that typifies the situation of exposure to different media. Although recognition of media content as a source of gratifications has provided the basis for research in this area from its inception, less attention has been paid to the other sources. Nevertheless, it is clear that the need to relax or to kill time can be satisfied by the act of watching television, that the need to feel that one is spending one's time in a worthwhile way may be associated with the act of reading (Waples, Berelson, and Bradshaw, 1940; Berelson, 1949), and that the need to structure one's day may be satisfied merely by having the radio "on" (Mendelsohn, 1964). Similarly, a wish to spend time with one's family or friends can be served by watching television at home with the family or by going to the cinema with one's friends.

Each medium seems to offer a unique combination of: (a) characteristic contents (at least stereotypically perceived in that way); (b) typical attributes (print vs. broadcasting modes of transmission, iconic vs. symbolic representation, reading vs. audio or audio-visual modes of reception); and (c) typical exposure situations (at home vs. out-of-home, alone vs. with others, control over the temporal aspects of exposure vs. absence of such control). The issue, then, is what combinations of attributes may render different media more or less adequate for the satisfaction of different needs (Katz, Gurevitch, and Haas, 1973).

### *Gratifications and media attributes*

Much uses and gratifications research has still barely advanced beyond a sort of charting and profiling activity: findings are still

typically presented to show that certain bodies of content serve certain functions or that one medium is deemed better at satisfying certain needs than another. The further step, which has hardly been ventured, is one of explanation. At issue here is the relationship between the unique "grammar" of different media—that is, their specific technological and aesthetic attributes—and the particular requirements of audience members that they are then capable, or incapable, of satisfying. Which, indeed, are the attributes that render some media more conducive than others to satisfying specific needs? And which elements of content help to attract the expectations for which they appear to cater?

It is possible to postulate the operation of some kind of division of labor among the media for the satisfaction of audience needs. This may be elaborated in two ways: taking media attributes as the starting point, the suggestion is that those media that differ (or are similar) in their attributes are more likely to serve different (or similar) needs; or, utilizing the latent structure of needs as a point of departure, the implication is that needs that are psychologically related or conceptually similar will be equally well served by the same media (or by media with similar attributes).

To illustrate the first approach, Robinson (1972) has demonstrated the interchangeability of television and print media for learning purposes. In the Israeli study, Katz, Gurevitch, and Haas (1973) found five media ordered in a circumplex with respect to their functional similarities: books-newspapers-radio-television-cinema-books. In other words, books functioned most like newspapers, on the one hand, and like cinema, on the other. Radio was most similar in its usage to newspapers, on the one hand, and to television, on the other. The explanation would seem to lie not only with certain technological attributes that they have in common, but with similar aesthetic qualities as well. Thus, books share a technology and an informational function with newspapers, but are similar to films in their aesthetic function. Radio shares a technology, as well as informational and entertainment content, with television, but it is also very much like newspapers—providing a heavy dose of information and an orientation to reality.

An illustration of the second aspect of this division of labor may also be drawn from the same study. Here, the argument is that structurally related needs will tend to be serviced by certain media more often than by others. Thus, books and cinema have been found to cater to needs concerned with self-fulfillment and self-gratification: they help to "connect" individuals to themselves. Newspapers, radio, and television all seem to connect individuals to society. In fact, the

function of newspapers for those interested in following what is going on in the world may have been grossly underestimated in the past (Edelstein, 1973; Lundberg and Hulten, 1968). Television, however, was found to be less frequently used as a medium of escape by Israeli respondents than were books and films. And a Swedish study of the "functional specialities of the respective media" reported that, "A retreat from the immediate environment and its demands—probably mainly by the act of reading itself—was characteristic of audience usage of weekly magazines" (Lundberg and Hulten, 1968).

### *Media Attributes as Perceived or Intrinsic*

When people associate book-reading, for example, with a desire to know oneself, and newspapers with the need to feel connected to the larger society, it is difficult to disentangle perceptions of the media from their intrinsic qualities. Is there anything about the book as a medium that breeds intimacy? Is there something about newspapers that explains their centrality in socio-political integration? Or, is this "something" simply an accepted image of the medium and its characteristic content?

In this connection, Rosengren (1972) has suggested that uses and gratifications research may be profitably connected with the long-established tradition of enquiry into public perceptions of the various media and the dimensions according to which their respective images and qualities are differentiated (cf. especially Nilsson [1971] and Edelstein [1973] and the literature cited therein). A merger of the two lines of investigation may show how far the attributes of the media, as perceived by their consumers, and their intrinsic qualities are correlated with the pursuit of certain gratifications. So far, however, this connection has only been partially discussed in the work of Lundberg and Hulten (1968).

### *The social origins of audience needs and their gratifications*

The social and environmental circumstances that lead people to turn to the mass media for the satisfaction of certain needs are also little understood as yet. For example, what needs, if any, are created by routine work on an assembly line, and which forms of media exposure will satisfy them? What motivates some people to seek political information from the mass media and others to actively avoid it? Here one may postulate that it is the combined product of psychological dispositions, sociological factors, and environmental



conditions that determines the specific uses of the media by members of the audience.

At certain levels it should not prove unduly difficult to formulate discrete hypotheses about such relationships. For example, we might expect "substitute companionship" to be sought especially by individuals with limited opportunities for social contacts: invalids, the elderly, the single, the divorced or widowed living alone, the housewife who spends much time at home on her own, and so on.

At another level, however, it is more difficult to conceive of a general theory that might clarify the various processes that underlie any such specific relationships. A preliminary structuring of the possibilities suggests that social factors may be involved in the generation of media-related needs in any of the following five ways (each of which has attracted some comment in the literature):

1. Social situation produces tensions and conflicts, leading to pressure for their easement via mass media consumption (Katz and Foulkes, 1962).
2. Social situation creates an awareness of problems that demand attention, information about which may be sought in the media (Edelstein, 1973).
3. Social situation offers impoverished real-life opportunities to satisfy certain needs, which are then directed to the mass media for complementary, supplementary, or substitute servicing (Rosengren and Windahl, 1972).
4. Social situation gives rise to certain values, the affirmation and reinforcement of which is facilitated by the consumption of congruent media materials (Dembo, 1972).
5. Social situation provides a field of expectations of familiarity with certain media materials, which must then be monitored in order to sustain membership of valued social groupings (Atkins, 1972).

#### *The versatility of sources of need satisfaction*

Before becoming too sanguine about the possibility of relating social situations to psychological needs to media/content gratifications, it is important to bear in mind that gratifications studies based on specific media contents have demonstrated that one and the same set of media materials is capable of serving a multiplicity of needs and audience functions. Presumably, that is why Rosengren and Windahl (1972) have drawn attention to "a growing consensus that almost any type of content may serve practically any type of

function." For example, Blumler, Brown, and McQuail (1970) have found that the television serial, *The Saint*, serves functions of personal reference, identification with characters, and reality-exploration, in addition to its more obvious diversionary function. Similarly, their study of the gratifications involved in news viewing referred not only to the expected surveillance motive but also to functions of social utility, empathy, and even escape. In summarizing the implications of their evidence, McQuail, Blumler, and Brown (1972) point out that:

. . . the relationship between content categories and audience needs is far less tidy and more complex than most commentators have appreciated. . . . One man's source of escape from the real world is a point of anchorage for another man's place in it.

### *Gratifications and effects*

Pioneers in the study of uses and gratifications were moved chiefly by two aspirations. The first, which has largely been fulfilled, was to redress an imbalance evident in previous research: audience needs, they said, deserved as much attention in their own right as the persuasive aims of communicators with which so many of the early "effects" studies had been preoccupied. The second major aim of uses and gratifications research, however, was to treat audience requirements as intervening variables in the study of traditional communication effects. Glaser's (1965) formulation offers a typical expression of the rationale behind this prospect:

Since users approach the media with a variety of needs and predispositions . . . any precise identification of the effects of television watching . . . must identify the uses sought and made of television by the various types of viewers.

Despite this injunction, hardly any substantial empirical or theoretical effort has been devoted to connecting gratifications and effects. Some limited evidence from the political field suggests that combining functions and effects perspectives may be fruitful (Blumler and McQuail, 1968). But there are many other foci of traditional effects studies for which no detailed hypotheses about gratifications/effects interactions have yet been framed.

One obvious example is the field of media violence. Another might concern the impact on inhabitants of developing countries of exposure to television serials, films, and popular songs of foreign (predominantly American) origin. Yet another might relate to the wide range of materials, appearing especially in broadcast fiction,

that purport simultaneously to entertain and to portray more or less faithfully some portion of social reality—e.g., the worlds of law enforcement, social work, hospital life, trade unionism, working-class neighborhoods; ways of life at the executive level in business corporations and civil service departments.

Hypotheses about the cumulative effects of exposure to such materials on audience members' cognitive perceptions of these spheres of activity, and on the individuals engaged in them, might be formulated in awareness of the likely fact that some individuals will be viewing them primarily for purposes of escape, while others will be using them for reality-exploring gratifications. In these circumstances should we expect a readier acceptance of portrayed stereotypes by the escape seekers—the thesis of Festinger and Maccoby (1964) on persuasion via distraction might be relevant here—or by those viewers who are trusting enough to expect such programs to offer genuine insights into the nature of social reality?

A similar body of recently analyzed materials may be found in the television soap opera, with its postulated capacity to "establish or reinforce value systems" (Katzman, 1972). In fact one cluster of gratifications that emerged from an English study of listeners to a long-running daytime radio serial (*The Dales*) centered on the tendency of the program to uphold traditional family values (Blumler, Brown, and McQuail, 1970). This suggests that an answer to Katzman's "key question" ("... to what degree do daytime serials change attitudes and norms and to what extent do they merely follow and reinforce their audience?") might initially be sought by distinguishing among the regular followers of such programs those individuals who are avowedly seeking a reinforcement of certain values from those who are not.

In addition, however, the literature refers to some consequences of audience functions that conventional effects designs may be unable to capture. First, there is what Katz and Foulkes (1962) have termed the "feedback" from media use to the individual's performance of his other social roles. Thus, Bailyn (1959) distinguished child uses of pictorial media that might "preclude more realistic and lasting solutions" to problems from those that, at one level, were "escapist" but that should more properly be categorized as "supplementation." Similarly, Schramm, Lyle, and Parker (1961) maintained that child uses of the mass media for fantasizing might either drain off discontent caused by the hard blows of socialization or lead a child into withdrawal from the real world. And Lundberg and Hulten (1968) have suggested that for some individuals the substitute companionship function may involve use of the media to

replace real social ties, while for others it may facilitate an adjustment to reality.

Second, some authors have speculated on the connection between functions performed by the media for individuals and those functions (or dysfunctions) for other levels of society. This relationship is particularly crucial for its bearing on evaluative and ideological controversies about the role of mass communication in modern society. Thus, Enzenberger (1972) suggests that the 8 millimeter camera may satisfy the recreational and creative impulses of the individual and help to keep the family together while simultaneously atomizing and depoliticizing society. Or news viewing may gratify the individual's need for civic participation; but if the news, as presented, is a disjointed succession of staccato events, it may also leave him with the message that the world is a disconnected place. Similarly, many radical critics tend to regard television as part of a conspiracy to keep people content and politically quiescent—offering respite, para-social interaction with interesting and amusing people, and much food for gossip—while propagating a false social consciousness.

#### IMPLICATIONS FOR RESEARCH POLICY AND MEDIA POLICY

In reviewing the state of the art of gratifications research, we have focused on issue—theoretical, methodological, and ideological—rather than on systematized findings. We have also tried to make manifest our assumptions. Thus, we have confronted the image of the beery, house-slipped, casual viewer of television with the notion of a more “active” audience—knowing that both images are true. We have asked whether a methodology based on respondents' introspection can be adequate. We have indicated the absence of satisfactory bridging concepts between the constraints arising from social situations and the gratifications sought from the media; or between particular patterns of use and likely effect.

These issues bear not only on the direction of future research, but also, echoing Nordenstreng (1970), on the relationship between research policy and media policy. Thus, we have raised the question of the extent to which the media create the needs that they satisfy. Even more fundamentally, we ask whether the media do actually satisfy their consumers—an assumption that radical critics of the media take more for granted than do gratifications researchers (cf. Emmett, 1968-1969). To assert that mass communication is a latter-day opiate of the masses presupposes a media-output audience-satisfaction nexus that gratifications research treats as hypothesis rather than fact.

In other words, our position is that media researchers ought to be studying human needs to discover how much the media do or do not contribute to their creation and satisfaction. Moreover, we believe it is our job to clarify the extent to which certain kinds of media and content favor certain kinds of use—to thereby set boundaries to the over-generalization that any kind of content can be bent to any kind of need. We believe it is part of our job to explore the social and individual conditions under which audiences find need or use for program material aimed at changing their image of the status quo or “broadening their cultural horizons” (Emmett, 1968-1969).

From the point of view of media policy, then, we reject the view that an application of the uses and gratifications approach to policy questions must inevitably support or exonerate the producers of junk or the status quo of media content. That belief seems to require the acceptance of one or both of two other assumptions: existing patterns of audience needs support the prevailing patterns of media provision and no other; and audience concerns are in fact trivial and escapist. For reasons that should now be plain, we find both these propositions dubious.

Though audience oriented, the uses and gratifications approach is not necessarily conservative. While taking account of what people look for from the media, it breaks away from a slavish dependence of content on audience propensities by bringing to light the great variety of needs and interests that are encompassed by the latter. As McQuail, Blumler, and Brown (1972) have argued, uses and gratifications data suggest that the mass media may not, after all, be as “constrained as the escapist theory makes out from performing a wider range of social functions than is generally assigned to them in western societies today.” In other words, instead of depicting the media as severely circumscribed by audience expectations, the uses and gratifications approach highlights the audience as a source of challenge to producers to cater more richly to the multiplicity of requirements and roles that it has disclosed.

## REFERENCES

- Atkins, C. K. 1972. Anticipated communication and mass media information-seeking. *Public Opinion Quarterly* 36.
- Bailyn, L. 1959. Mass media and children. *Psychological Monographs* 71.
- Berelson, B. 1949. What 'missing the newspaper' means. In *Communications research, 1948-9*, eds. P. F. Lazarsfeld and F. N. Stanton. New York, Duell, Sloan and Pearce.
- Blumler, J. G., J. R. Brown, and D. McQuail. 1970. The social origins of the gratifications associated with television viewing. The University of Leeds, duplicated paper.
- Blumler, J. G. and D. McQuail. 1968. *Television in politics: its uses and influence*. London, Faber and Faber.
- Bogart, L. 1965. The mass media and the blue-collar worker. In *Blue-collar world: studies of the American worker*, eds. A. Bennett and W. Gomberg. New Jersey, Prentice-Hall.
- Dembo, R. 1972. Life style and media use among English working-class youths. *Gazette* 18.
- Edelstein, A. 1973. An alternative approach to the study of source effects in mass communication. *Studies of Broadcasting* 9.
- Emmett, B. 1968-1969. A new role for research in broadcasting. *Public Opinion Quarterly* 32.
- Enzenberger, H. M. 1972. Constituents of a theory of the media. In *Sociology of mass communications*, ed. D. McQuail. Harmondsworth, Penguin.
- Festinger, L. and N. Maccoby. 1964. On resistance to persuasive communication. *Journal of Abnormal and Social Psychology* 60.
- Furu, T. 1971. *The function of television for children and adolescents*. Tokyo, Sophia University.
- Glaser, W. A. 1965. Television and voting turnout. *Public Opinion Quarterly* 29.
- Herzog, H. 1942. Professor quiz: a gratification study. In *Radio Research, 1941*, eds. P. F. Lazarsfeld and F. N. Stanton. New York, Duell, Sloan and Pearce.
- Katz, E. and D. Foulkes. 1962. On the use of the mass media for 'escape': clarification of a concept. *Public Opinion Quarterly* 26.
- Katz, E., M. Gurevitch, and H. Haas. 1973. On the use of mass media for important things. *American Sociological Review* 38.
- Katzman, N. 1972. Television soap operas: what's been going on anyway? *Public Opinion Quarterly* 36.
- Lasswell, H. 1948. The structure and function of communications in society. In *The communication of ideas*, ed. L. Bryson. New York, Harper.
- Lasswell, H. and A. Kaplan. 1950. *Power and society*. New Haven, Yale University Press.
- Lazarsfeld, P. F. and F. N. Stanton (eds.). 1942. *Radio research, 1941*. New York, Duell, Sloan and Pearce.

- . 1944. *Radio research, 1942-3*. New York, Duell, Sloan and Pearce.
- . 1949. *Communications research, 1948-9*. New York, Harper.
- Lundberg, D. and O. Hulten. 1968. *Individen och massmedia*. Stockholm, EFI.
- McQuail, D., J. G. Blumler, and J. R. Brown. 1972. The television audience: a revised perspective. In *Sociology of mass communications*, ed. D. McQuail. Harmondsworth, Penguin.
- Maslow, A. H. 1954. *Motivation and personality*. New York, Harper.
- Mendelsohn, H. 1964. Listening to radio. In *People, society and mass communications*, eds. L. A. Dexter and D. M. White. Glencoe, The Free Press.
- Nilsson, S. 1971. Publikens upplevelse av tv-program. Duplicated paper for Sveriges Radio PUB, Stockholm.
- Nordenstreng, K. 1970. Comments on 'gratifications research' in broadcasting. *Public Opinion Quarterly* 34.
- Pietila, V. 1969. Immediate versus delayed reward in newspaper reading. *Acta Sociologica* 12.
- Robinson, J. P. 1972. Toward defining the functions of television. *Television and Social Behavior*. Vol. 4. Rockville, National Institute of Mental Health.
- Rosengren, K. E. 1972. Uses and gratifications: an overview. Sweden, University of Lund. Duplicated paper.
- Rosengren, K. E. and S. Windahl. 1972. Mass media consumption as a functional alternative. In *Sociology of mass communications*, ed. D. McQuail, Harmondsworth, Penguin.
- Schramm, W. 1949. The nature of news. *Journalism Quarterly* 26.
- Schramm, W., J. Lyle, and E. B. Parker. 1961. *Television in the lives of our children*. Stanford, Stanford University Press.
- Suchman, E. 1942. An invitation to music. In *Radio research, 1941*, eds. P. F. Lazarsfeld and F. N. Stanton. New York, Duell, Sloan and Pearce.
- Waples, D., B. Berelson, and F. R. Bradshaw. 1940. *What reading does to people*. Chicago, University of Chicago Press.
- Weiss, W. 1971. Mass communication. *Annual Review of Psychology* 22.
- Wolfe, K. M. and M. Fiske. 1949. Why children read comics. In *Communications research, 1948-9*, eds. P. F. Lazarsfeld and F. N. Stanton. New York, Harper.
- Wright, C. 1960. Functional analysis and mass communication. *Public Opinion Quarterly* 24.