

CURRICULUM VITAE OF NEIL M. MALAMUTH

Mailing Address:

Dr. Neil Malamuth
Department of Psychology
1285 Franz Hall, Box 951563
UCLA, Los Angeles, California 90095-1563

Phone: (310) 206-8868

Fax: (310) 206-8901

E-mail: nmalamut@ucla.edu

PROFESSIONAL EMPLOYMENT

1994 – Present

At the University of California, Los Angeles (UCLA):
Professor of Communication, Psychology and Women's Studies;
Faculty Associate, UCLA Center for Society and Genetics (2004-07)

1994 - 2006 Chair, Communication Studies Department, UCLA

1991-94

At the University of Michigan, Ann Arbor:
Professor of Communication and Psychology;
Chair, Department of Communication;
Faculty Associate, Institute for Social Research.

1982-91

At the University of California, Los Angeles (UCLA):
Professor of Communication and Psychology (1986-91);
Chair, Communication Studies Program and Speech Department (1984-91);
Associate Professor (1982-86);
Associate Director, Center for the Study of Women (1986-87).

1977-82

At the University of Manitoba, Winnipeg, Canada:
Associate Professor of Psychology (1980-82);
Assistant Professor (1977-80).

1975-77

Lecturer, UCLA and Post-Doctoral Fellow, Center for Behavior
Therapy, Beverly Hills

1973-75

Research Associate, Center for Computer-Based Behavioral Studies, UCLA

EDUCATION

Ph.D., UCLA, Social Psychology & Personality, 1975

M.A., UCLA, Psychology, 1972

B.A., UCLA, Psychology, 1972

HONORS, DISTINCTIONS AND NATIONAL COMMITTEE SERVICE

- 2007 – Present Distinguished Visiting Research Professor, Sandra Day O’Connor College of Law, Arizona State University
- 2005- Present Member, Advisory Board, Center for the Law, Science & Technology, Sandra Day O’Connor Law School, Arizona State University
- 2001 Member, Surgeon General’s Committee on Media Violence
- 1997-99 Science Representative, Public Communication Committee, American Psychological Association
- Spring, 1995 Lady Davis Senior Fellow, Department of Communication, Hebrew Univ. of Jerusalem, Israel
- 1994 Top Conference Paper, Interpersonal Communication Division, International Communication Association Meetings, Australia
- 1992 In analysis of “eminence in social psychology,” one of only seven scholars in the world rated as highly eminent as indicated by being in the top 100 researchers in all four categories of eminence (see *Personality and Social Psychology Bulletin*, 1992)
- 1989-93 Member, National Institute of Mental Health, Review Committee on Violence and Stress
- 1989 Fellow, American Psychological Society
- Fall, 1988 Visiting Scholar, Department of Communication, Stanford University
- 1987 Recipient of the John Kendall Award for Outstanding Contributions to Psychology, Gustavus College, Minnesota
- 1987 Top Five Conference Paper, Mass Communication Division, International Communication Association

- 1986 Fellow, American Psychological Association
- 1980 U. S. Representative to NATO Aggression Conference
- 1972 B.A - Summa Cum Laude, Phi Beta Kappa; M.A. - Departmental Scholar

RESEARCH AND TEACHING INTERESTS

Prediction and Causes of Sexual Aggression, Mass Media Effects; Sexually Explicit Media; Evolutionary Psychology; Integrating Multiple Disciplinary Approaches to Research.

TEACHING EXPERIENCE

Undergraduate Courses Taught:

Research Methods in Communication; Honors Proseminar in Communication; Mass Media and Aggression Against Women; Effects of Mass Media; Pornography and Evolution; Social Psychology; Organizational Psychology; Personality; Introduction to Psychology; Abnormal Psychology; Mass Media and Social Systems.

Graduate Seminars Taught:

Psychology of Sexual Aggressors; Mass Media Effects: An Integrative Approach; Research Methods in Communication; Sex, Power and Conflict; Media and Aggression Against Women; Introduction to Communication Studies.

PROFESSIONAL ORGANIZATION MEMBERSHIPS

American Psychological Association (Fellow)
American Psychological Society (Fellow)
International Communication Association
International Society for Research on Aggression
International Academy of Sex Research
Human Behavior and Evolution Society
Society for the Psychological Study of Social Issues

EXTERNAL RESEARCH GRANTS

Multi-Prong Approach to Strengthening Internet Child Safety. (Co-Principal Investigator, Office of Juvenile Justice and Delinquency Prevention, 2007-2009).

Amount: \$996,540.00.

Undergraduate Technologically-Enhanced Student Tutor (UTEST) Communication Project (Principal Investigator, Planning Grant, University of California, Teaching, Learning and Technology Center, 2003, Amount: \$4660..

Sex Offender Typology. (Main Study) (Co-Principal Investigator, Office of Juvenile Justice and Delinquency Prevention, 2000-2002. Amount: \$202,478.

- Sex Offender Typology. (Feasibility Study) (Co-Principal Investigator, Office of Juvenile Justice and Delinquency Prevention, 1997-98. Amount: \$100,000.
- Supplement to Predicting Men's Antisocial Behavior Against Women. (Principal investigator, National Institute of Mental Health, 1991-92). Amount: \$20,217,
- Predicting Men's Antisocial Behavior Against Women. (Principal investigator, National Institute of Mental Health, 1989-91) Amount: \$414,284.
- Sexual Violence in the Media and Social Behavior. (Co-principal investigator, National Institute of Mental Health, 1986-89). Amount \$347,104.
- Research on Sexual Violence: Assessment and Validation. (Principal Investigator, Social Sciences and Humanities Research Council of Canada, 1981-84 Amount). Amount: \$95,842 in direct costs.
- The Effects of Mass Media Sexual Violence. (Principal Investigator, Social Sciences and Humanities Research Council of Canada, 1979-81) Amount: \$58,200 in direct costs.

JOURNAL EDITORSHIPS AND BOARD MEMBERSHIP

- Aggressive Behavior*, Editorial Board, 2004-present
- Evolutionary Psychology*, Editorial Board, 2006-present
- Communication Research*, Editorial Board, 1986-1992, 1999-present
- Journal of Research in Personality*, Associate Editor, 1990-1993
- Journal of Social Issues*, 1986, Issue Co-Editor for issue on Media Violence
- Journal of Sex Research*, Editorial Board, 1982-1998
- Motivation and Emotion*, Editorial Board, 1983-89
- Communication Concepts Series*, Associate Editor, 1989-98
- Sexual Abuse: A Journal of Research and Treatment*, Editorial Board, 1995-98

PUBLICATIONS

In press

- Malamuth, N. & Huppig, M. (in press). Drawing the line on virtual child pornography: Bringing the law in line with the research evidence. *New York University Review of Law and Social Change*.
- Malamuth, N., & Huppig, M. (in press). Sex and pornography in media content. In W. Donsbach (Ed.) *The International Encyclopedia of Communication*, New York: Blackwell Publishing..
- Hald, M., & Malamuth, N. (in press). Self-perceived effects of pornography in a representative sample of the Danish population. *Archives of Sexual Behavior*.
- Malamuth, N. (in press) Hostile Masculinity. In Baumeister, R. F. & Vohs, K. D. (Eds.) *Encyclopedia of Social Psychology*. Thousand Oaks: Sage.
- Malamuth, N. (in press) Pornography. In Baumeister, R. F. & Vohs, K. D. (Eds.) *Encyclopedia of Social Psychology* Thousand Oaks: Sage.

Malamuth, N. & Huppin, M. (in press) Rape. In Baumeister, R. F., & Vohs, K. D. (Eds.). *Encyclopedia of Social Psychology*. Thousand Oaks: Sage.

2005-07

- Vega, V., & Malamuth, N. (2007). The role of pornography in the context of general and specific risk factors. *Aggressive Behavior, 33*, 104-117.
- Malamuth, N. Pitpitan, E. V. (2007). The effects of pornography are moderated by men's sexual aggression risk. In David .E. Guinn (Ed.) *Pornography: Driving the Demand for International Sex Trafficking?* (pp. 125-143). Los Angeles: Captive Daughters Media.
- Hunter, J. A., Figueredo, A. J., Malamuth, N., & Becker, J (2007). Emotional empathy as a moderator and mediator of non-sexual delinquency in juvenile sexual offenders. *Journal of Family Violence, 22*, 43-54.
- Malamuth, N., Huppin, M. & Bryant, P. (2005). Sexual coercion. In D. Buss (Ed.) *Evolutionary psychology handbook*. (pp.394-418). New York: Wiley.
- Malamuth, N., & Huppin, M. (2005). Pornography and teenagers: The importance of individual differences. *Adolescent Medicine, 16*, 315-326.
- Malamuth, N., Linz, D., & Yao, M. (2005). The Internet and aggression: Motivation, disinhibitory and opportunity aspects. In Y. Amichai-Hamburger (Ed.) *The social net: Understanding human behavior in cyberspace*. (pp. 163-190). Oxford: Oxford University Press.

2003-04

- Hunter, J. A., Figueredo, A. J., Malamuth, N., & Becker, J. V. (2004). Developmental pathways in youth sexual aggression and delinquency: Risk factors and mediators. *Journal of Family Violence, 19*, 233-242
- Haley, H., Sidanius, J., Lowery, B. & Malamuth, N. (2004). The interactive nature of sex and race discrimination: A social dominance perspective. In G. Philogene (Ed.), *Racial Identity in Context: The Legacy of Kenneth B. Clark*. Washington, D.C: American Psychological Association.
- Malamuth, N. (2003). Criminal and non-criminal sexual aggressors: Integrating psychopathy in a hierarchical-mediational confluence model. In R. A. Prentky, E. Janus, & M. Seto (Eds.), *Understanding and Managing Sexually Coercive Behavior. Annals of the New York Academy of Sciences, Vol. 989*. (pp. 33-58). New York: New York Academy of Sciences
- Malamuth, N. (2003). Risk assessment of sexual aggression: Commentary. In R. A. Prentky, E. Janus, & M. Seto (Eds.), *Understanding and Managing Sexually Coercive Behavior. Annals of the New York Academy of Sciences, Vol. 989*. (pp. 236-238) New York: New York Academy of Sciences.

- Hunter, J. A., Figueredo, A. J., Malamuth, N. , & Becker, J. V. (2003). Juvenile sex offenders: Toward the development of a typology. *Sexual Abuse: A Journal of Research and Treatment.*, 15, 27-48.
- Anderson, C.A., Berkowitz, L., Donnerstein, E., Huesmann, L. R., Johnson, J. D, Linz, D., Malamuth, N. M. & Wartella, E. (2003). The influence of media violence on youth. *Psychological Science in the Public Interest*, 4, 81-110.

2000-2001

- Malamuth, N. (2001). Pornography. In M. Schudson (Ed.) *International Encyclopedia of Social and Behavioral Sciences*, (Vol. 17). (Pp. 11816-11821). Elsevier Science: New York.
- Malamuth, N., & Addison, T. (2001). Integrating social psychological research on aggression within an evolutionary-based framework. In G. J.O. Fletcher & M. S. Clark (Eds.). *Blackwell Handbook of Social Psychology: Interpersonal Processes*. (pp. 129-161). Malden, MA: Blackwell .
- Huesmann, L. R., Anderson, C. A., Berkowitz, L., Donnerstein, E., Johnson, J., Linz, D., Malamuth, N., & Wartella, E. (2001). Media violence and youth violence (Summary). In D. Elliot (Ed.) *Youth Violence: A Report of the Surgeon General*. Washington: US Government Printing Office.
- Malamuth, N., Addison, T., & Koss, M. (2000). Pornography and sexual aggression: Are there reliable effects and can we understand them? *Annual Review of Sex Research*, 11 , 26-91.
- Malamuth, N., & Impett, E. A. (2000). Research on sex in the media: What do we know about effects on children and adolescents? In D. Singer & J. Singer (Eds.), *Handbook of Children and the Media*. (pp. 269-287). Newbury Park, CA: Sage Publications.
- Ellis, B. & Malamuth, N. (2000). Love and anger in romantic relationships: A discrete systems model. *Journal of Personality*, 68, 525-556.

1998-1999

- Malamuth, N. (1999). Pornography. In L. Kurtz (Ed.). *Encyclopedia for Violence, Peace and Conflict (Volume 3)*. (pp. 77-89). New York: Academic Press.
- Malamuth, N., & Malamuth, E. (1999). Integrating multiple levels of scientific analysis and the confluence model of sexual coercers. *Jurimetrics: Journal of Law and Science*, 39, 157–179 .
- Malamuth, N. (1998). An evolutionary-based model integrating research on the characteristics of sexually coercive men. In J. Adair, K. Dion, & D. Belanger, D. (Eds.). *Advances in Psychological Science , Vol. 1: Social, Personal, and Developmental Aspects*. (pp. 151-184). Hove, England UK: Psychology Press/Erlbaum.
- Barnes, G. E., & Malamuth, N. M., (1998). Eysenck's theory of personality and sexuality. *Psihologija*, 3, 239-248.

- Malamuth, N. (1998). Commentary on pornography research and testimony before the Attorney General's Commission on Pornography. *Journal of Interpersonal Violence, 13*, pp. 528-529 & pp. 538-543.
- Malamuth, N. (1998). The revised Attraction to Sexual Aggression scale. In C. M. Davis, W. H. Yarber, R. Bauserman, G. Schreer, & S. L. Davis (Eds.) *Sexuality-related measures: A compendium*. (pp. 52-55). Beverly Hills: Sage.
- Malamuth, N. (1998). The confluence model as an organizing framework for research on sexually aggressive men: Risk moderators, imagined aggression and pornography consumption. In R. Geen and E. Donnerstein (Eds.) *Aggression: Theoretical and empirical reviews*. (pp. 229-245). New York: Academic Press.
- Malamuth, N., & Heilmann, M. (1998). Evolutionary psychology and sexual aggression. In C. B. Crawford, & D. Krebs (Eds.) *Handbook of Evolutionary Psychology: Ideas, issues and applications* (pp. 515-542). Hillsdale, NJ: Erlbaum.

1995 -1997

- Dean, K., & Malamuth, N. (1997). Characteristics of men who aggress sexually and of men who imagine aggressing: Risk and moderating variables. *Journal of Personality and Social Psychology, 72*, 449-455.
- Malamuth, N. (1996). Sexually explicit media, gender differences and evolutionary theory. *Journal of Communication, 46* (3), 8-31.
- Malamuth, N., Heavey, C., & Linz, D. (1996). The confluence model of sexual aggression: Combining hostile masculinity and impersonal sex. *Journal of Offender Rehabilitation, 23*, 3, 13-37.
- Malamuth, N. (1996). Research on the confluence model of sexual aggression based on feminist and evolutionary perspectives. In Buss, D., & Malamuth, N. (Eds.). *Sex, power, conflict: Evolutionary and feminist perspectives*. (pp. 269-295). New York: Oxford University Press.
- Buss, D., & Malamuth, N. (Eds.) (1996) *Sex, power, conflict: Evolutionary and feminist perspectives*. New York: Oxford University Press.
- Malamuth, N., Linz, D., Heavey, C., Barnes, G., & Acker, M. (1995). Using the confluence model of sexual aggression to predict men's conflict with women: A ten year follow-up study. *Journal of Personality and Social Psychology, 69*, 353-369.
- Heavey, L., Christensen, A., & Malamuth, N. (1995). The longitudinal impact of demand and withdrawal during marital conflict. *Journal of Consulting and Clinical Psychology, 63*, 797-801.

1993 - 1994

- Malamuth, N., & Brown, L. (1994). Sexually aggressive men's perceptions of women's communications: Testing three explanations. *Journal of Personality and Social Psychology*, *67*, 699-712.
- Malamuth, N., & Thornhill, N. (1994). Hostile masculinity, sexual aggression and gender-biased domineeringness in conversations. *Aggressive Behavior*, *20*, 185-193.
- Malamuth, N. (1993). Pornography's impact on male adolescents. *Adolescent Medicine: State of the Art Reviews*, *4*, 563-576.
- Linz, D., & Malamuth, N. (1993). *Pornography*. Newbury Park, CA: Sage.
- Malamuth, N., Heavey, C., & Linz, D. (1993). Predicting men's antisocial behavior against women: The "Interaction Model" of sexual aggression. In G. Hall, R. Hirschman, J. Graham & M. Zaragoza, (Eds.) *Sexual Aggression: Issues in etiology and assessment, treatment and policy*. (pp. 63-97). New York: Hemisphere.

1991-1992

- Malamuth, N. (1992). Evolution and laboratory research on men's sexual arousal: What do the data show and how can we explain them? *Behavioral and Brain Sciences*, *15*, 394-396.
- Linz, D., Malamuth, N. & Beckett, K. (1992) Civil liberties and research on the effects of pornography. In P. Tetlock & P. Suedfeld (Eds.) *Psychology and Social Advocacy*. (pp. 149-164). New York: Hemisphere.
- Malamuth, N., Sockloskie, R., Koss, M., & Tanaka, J. (1991). The characteristics of aggressors against women: Testing a model using a national sample of college students. *Journal of Consulting and Clinical Psychology*, *59*, 670-681.
- Malamuth, N. & Dean, K. (1991) Attraction to sexual aggression. In A. Parrot (Ed.). *Acquaintance Rape: The Hidden Crime*. (pp. 229-247). New York: Wiley.

1989-1990

- Check, J., & Malamuth, N. (1990). Ethical considerations in sex and aggression research. In D. MacNiven (Ed.). *Moral expertise: Studies in practical and professional ethics*. (pp. 26-35). London: Routledge.
- Malamuth, N. (1989). The Attraction to Sexual Aggression scale: Part one. *Journal of Sex Research*, *26*, 26-49.
- Malamuth, N. (1989). The Attraction to Sexual Aggression Scale: Part two. *Journal of*

Sex Research, 26, 324-354.

Malamuth, N. (1989). Pornography and the Surgeon General. *American Psychologist*, 42, 580.

Malamuth, N. (1989). Sexually violent media, thought patterns and antisocial behavior. In G. Comstock (Ed.), *Public Communication and Behavior*, Vol. 2 (pp. 159-204). New York: Academic Press.

Malamuth, N., & McIlwraith, B. (1989). Fantasies and exposure to sexually explicit magazines. *Communication Research*, 15, 753-771.

1987-1988

Malamuth, N. (1988). Predicting laboratory aggression against female vs. male targets: Implications for research on sexual aggression. *Journal of Research in Personality*, 22, 474-495.

Malamuth, N., Feshbach, S., Fera, T., & Kunath, J. (1988). Aggressive cues and sexual arousal to erotica. In G. W. Russell (Ed.), *Violence in intimate relationships*. (pp. 239-251) Great Neck, NY: PMA Publishers.

Malamuth, N. & Donnerstein, E. (1987). Reply to Mosher: Letter to the Book Review Editor. *Journal of Sex Research*, 23, 281-283.

Malamuth, N. (1988). A multidimensional approach to sexual aggression: Combining measures of past behavior and present likelihood. In R. A. Prentky & V. L. Quinsey (Eds.) *Human sexual aggression: Current perspectives*. *Annals of the New York Academy of Sciences* (Vol. 528, pp. 123-132). New York: The New York Academy of Sciences.

Malamuth, N. (1988). Research on "violent erotica": A reply. *Journal of Sex Research*, 24, 340-348. (Reprinted in part in R. Surette, Ed., *The Media and Criminal Justice Policy: Recent research and social effects*, pp. 42-44, Springfield, Ill.: Charles C. Thomas).

Malamuth, N. (1987). Do sexually violent media indirectly contribute to antisocial behavior? In M. R. Walsh (Ed.). *The psychology of women: Ongoing debates* (pp. 441-459). New Haven, CT: Yale University Press.

1985-1986

Check, J., & Malamuth, N. (1986). Pornography and sexual aggression: A social learning theory analysis. In M. L. McLaughlin (Ed.). *Communication Yearbook*, Vol. 9 (pp. 181-213). Beverly Hills, CA: Sage.

Huesmann, L. R., & Malamuth, N. (1986). Media violence and antisocial behavior: An overview. *Journal of Social Issues*, 42, 1-6.

Huesmann, L. R. & Malamuth, N. (Eds.). (1986). Media violence and antisocial behavior. *Journal of*

Social Issues, 42, No. 3.

- Malamuth, N. (1986). Predictors of naturalistic sexual aggression. *Journal of Personality and Social Psychology*, 50, 953-962. (Reprinted in M. Pirog-Good & J. Stets, Eds., 1989, *Violence in dating relationships: Emerging social issues*, pp. 219-240, New York: Praeger and in E. Aronson, Ed., 1991, *Readings about the social animal*, 6th edit., New York: Freeman.)
- Malamuth, N., & Billings, V. (1986). The functions and effects of pornography: Sexual communication vs. the feminist models in light of research findings. In J. Bryant & D. Zillmann (Eds.), *Perspectives on Media Effects* (pp. 83-108). Hillsdale, NJ: Erlbaum.
- Malamuth, N., & Briere, J. (1986). Sexual violence in the media: Indirect effects on aggression against women. *Journal of Social Issues*, 42, 75-92.
- Malamuth, N., Check, J., & Briere, J. (1986). Sexual arousal in response to aggression: Ideological, aggressive and sexual correlates. *Journal of Personality and Social Psychology*, 50, 330-340.
- Malamuth, N., & Ceniti, J. (1986). Repeated exposure to violent and nonviolent pornography: Likelihood of raping ratings and laboratory aggression against women. *Aggressive Behavior*, 12, 29-137.
- Briere, J., Malamuth, N., & Check, J. (1985). Sexuality and rape-supportive beliefs. *International Journal of Women's Studies*, 8, 398-403.
- Check, J., Malamuth, N., Elias, B., & Barton, S. (1985). On hostile ground. *Psychology Today*, 19, 56-61.
- Malamuth, N. (1985). The mass media and aggression against women. *American Academy of Psychiatry and the Law Newsletter*, 10, 22-24. (Also in S. Katz & P. Vesin (Eds.), *Children and the Media* (pp. 129-134). Paris, France: Centre International de l'Enforce, 1986.)
- Check, J., Perlman, D., & Malamuth, N. (1985). Loneliness and aggressive behavior. *Journal of Social and Personal Relationships*, 2, 243-252.
- Check, J., & Malamuth, N. (1985). An empirical assessment of some feminist hypotheses about rape. *International Journal of Women's Studies*, 8, 414-423.
- Malamuth, N., & Check, J. (1985). The effects of aggressive-pornography on beliefs in rape myths: Individual differences. *Journal of Research in Personality*, 19, 299-320.

1983-1984

- Barnes, G., Malamuth, N., & Check, J. (1984). Personality and sexuality. *Personality and Individual Differences*, 5, 159-172.
- Barnes, G., Malamuth, N., & Check, J. (1984). Psychoticism and sexual arousal to rape depictions. *Personality and Individual Differences*, 5, 273-279.

- Check, J., & Malamuth, N. (1984). Can participation in pornography experiments have positive effects? *The Journal of Sex Research*, 20, 14-31.
- Malamuth, N. (1984). Sexual violence in the mass media. In D. Scott (Ed.), *Media violence and pornography: An international perspective*. Toronto: Media Action Group.
- Malamuth, N. (1984). The mass media and aggression against women: Research findings and prevention. In A. W. Burgess (Ed.), *Handbook of research on rape and sexual assault*. New York: Garland.
- Malamuth, N. (1984). Social scientific research on pornography. *Senate Committee on the Judiciary, Subcommittee on Juvenile Justice: Effects of Pornography on Women and Children* (Hearings, 98th Congress, August 8th, 1984). Washington, D.C.: Government Printing Office, #1267, Serial #J-98-133, pp. 92-117.
- Malamuth, N. (1984). The mass media, individual characteristics and aggression against women. In R. M. Kaplan, V. J. Konecni, & R. W. Novaco (Eds.), *Aggression in Children and Youth*. The Hague: Martinus Nijhoff. (Sponsored by NATO--North Atlantic Treaty Organization.)
- Malamuth, N., & Donnerstein, E. (Eds.). (1984). *Pornography and sexual aggression*. New York: Academic Press.
- Malamuth, N., & Check, J. (1984). Debriefing effectiveness following exposure to rape depictions. *Journal of Sex Research*, 20, 1-13.
- Malamuth, N. (1984). Aggression against women: Cultural and individual causes. In N. Malamuth & E. Donnerstein (Eds.), *Pornography and sexual aggression* (pp. 19-52). New York: Academic Press.
- Malamuth, N., & Billings, V. (1984). Why pornography? Models of functions and effects. *Journal of Communication*, 34, 117-129.
- Malamuth, N., & Lindstrom, J. (Sept. 16, 1984). Violent pornography: How its message can shape attitudes. *Herald Examiner*, Section F. page 1.
- Malamuth, N. (1984). Aggressive-pornography and aggression against women. *Canadian Association of University Teachers Bulletin*, 31, 26-27.
- Malamuth, N., & Lindstrom, J. (1984). Pornography. *Film Comment*, Dec., 39-40.
- Ceniti, J., & Malamuth, N. (1984). Effects of repeated exposure to sexually violent or sexually nonviolent stimuli on sexual arousal to rape and nonrape depictions. *Behaviour Research and Therapy*, 22, 535-548.
- Briere, J., & Malamuth, N. (1983). Self-reported likelihood of sexual aggression: Attitudinal vs. sexual explanations. *Journal of Research in Personality*, 17, 315-323.

- Check, J., & Malamuth, N. (1983). Sex role stereotyping and reactions to depictions of stranger versus acquaintance rape. *Journal of Personality and Social Psychology*, 45, 344-356.
- Donnerstein, E., & Malamuth, N. (1983). Pornography: Dynamics of the participants and observers. In L. Schlesinger (Ed.), *Sexual dynamics of anti-social behavior*. Springfield, IL: Thomas.
- Malamuth, N. (1983). Human sexuality. In D. Perlman & P. C. Cozby (Eds.), *Social psychology: A social issues perspective*. New York: Holt, Rinehart & Winston. (Published in a French edition by Les Edition HRW Ltd. and in a Spanish edition by Editorial Interamericana.) (Sponsored by the Society for the Psychological Study of Social Issues.)
- Malamuth, N. (1983). Factors associated with rape as predictors of laboratory aggression against females. *Journal of Personality and Social Psychology*, 45, 432-442.
- Malamuth, N., & Check, J. (1983). Sexual arousal to rape depictions: Individual differences. *Journal of Abnormal Psychology*, 92, 55-67.

1981-1982

- Malamuth, N., & Donnerstein, E. (1982). The effects of aggressive-pornographic mass media stimuli. In L. Berkowitz (Ed.), *Advances in experimental social psychology*, Vol. 15 (pp. 103-136). New York: Academic Press.
- Malamuth, N. (1981). Rape proclivity among males. *Journal of Social Issues*, 37, 138-157.
- Malamuth, N. (1981). Rape fantasies as a function of exposure to violent-sexual stimuli. *Archives of Sexual Behavior*, 10, 33-47.
- Malamuth, N., & Check, J. (1981). The effects of mass media exposure on acceptance of violence against women: A field experiment. *Journal of Research in Personality*, 15, 436-446.
- Malamuth, N. (1982). Rapists and normal men. *Treatment of Sexual Aggression News*, 5, 3-5.
- Malamuth, N., Turcotte, S., & Fitz-Gibbon, C. (1981). Tutoring and social psychology. *Journal of Educational Thought*, 15, 113-123.

1979-1980

- Malamuth, N., & Check, J. (1980). Sexual arousal to rape and consenting depictions: The importance of the woman's arousal. *Journal of Abnormal Psychology*, 89, 763-76
- Malamuth, N., & Check, J. (1980). Penile tumescence and perceptual responses to rape as a function of victim's perceived reactions. *Journal of Applied Social Psychology*, 10, 528-547. (Reprinted in D. Copp and S. Wendall, Eds., *Pornography and Censorship: Scientific, Philosophical and Legal*

Studies. Buffalo, NY: Prometheus Press, 1983.)

- Malamuth, N., Feshbach, S., & Heim, M. (1980). Ethical issues and exposure to rape stimuli: A reply to Sherif. *Journal of Personality And Social Psychology*, 38, 413-415.
- Malamuth, N., Haber, S., & Feshbach, S. (1980). Testing hypotheses regarding rape: Exposure to sexual violence, sex differences, and the "normality" of rapists. *Journal of Research in Personality*, 14, 121-137. (Reprinted in B. Allen, Ed., *Personality and Social Psychology Interface*. Bloomington, IN: T.I.S. Publications, 1981; 2nd ed., 1986).
- Malamuth, N., Heim, M., & Feshbach, S. (1980). The sexual responsiveness of college students to rape depictions: Inhibitory and disinhibitory effects. *Journal of Personality and Social Psychology*, 38, 399-408.
- Malamuth, N., & Spinner, B. (1980). A longitudinal content analysis of sexual violence in the best-selling erotica magazines. *The Journal of Sex Research*, 16, 226-237.
- Malamuth, N. (1979). Violence and responsibility. *Contemporary Psychology*, 8, 651-652. (Book Review).

1977-1978

- Feshbach, S., & Malamuth, N. (1978). Sex and aggression. *Psychology Today*, 12, 110-117.
- Malamuth, N., Shayne, L., & Poque, B. (1978). Infant cues and stopping at the crosswalk. *Personality and Social Psychology Bulletin*, 4, 334-336.
- Malamuth, M., & Fitz-Gibbon, C. (1977). *A theoretical analysis of cross-age tutoring from the perspective of social psychology*. Los Angeles: Center For the Study of Evaluation, UCLA.
- Malamuth, N., Feshbach, S., & Jaffe, Y. (1977). Sexual arousal and aggression: Recent experiments and theoretical issues. *Journal of Social Issues*, 33, 110-133.

1975-1976

- Malamuth, N., Wanderer, Z., Sayner, R., & Durrell, D. (1976). Utilization of surrogate partners: A survey of health professionals. *Journal of Behavior Therapy and Experimental Psychiatry*, 7, 149-150.
- Malamuth, N., & Pfeiffer, K. (Eds.). (1976). *Sites and insights in psychology*. Los Alamitos: Hwong Press.
- Raven, B., Rubin, J., Malamuth, Z., & Malamuth, N. (1976). *An Instructor's Manual and Guide for Teaching a Course in Social Psychology*. New York: Wiley.
- Malamuth, N. (1975). A systematic analysis of the relationship between group shifts and the Choice

Dilemmas Questionnaire. (Doctoral Dissertation, University of California, Los Angeles).
Dissertation Abstracts International, 1976, 36, 4230-4231B.

Malamuth, N., Shure, G., Johnston, S. (1975). Teaching research methods with a computer-based model of choice shifts. *Journal of Computer-Based Instruction*, 2, 1-10.

Shure, G., Malamuth, N., Johnston, S. (1975). A computer simulation of group risky shift for teaching undergraduate research methods. *Simulation and Games*, 6, 202-210.

1972-1974

Jaffe, Y., Malamuth, N., Feingold, J., & Feshbach, S. (1974). Sexual arousal and behavioral aggression. *Journal of Personality and Social Psychology*, 30, 759-764.

Malamuth, N., & Feshbach, S. (1972). Risky shift in a naturalistic setting. *Journal of Personality*, 4, 38-49.

INVITED ADDRESSES

Keynote Address, 22nd Annual Conference of the National Adolescent Perpetration Network,
Albuquerque, New Mexico, February, 2007

Featured Speaker, The First Bi-annual Williard Pedrick Series on Social Science and Legal Policy, Sandra
Day O'Connor College of Law, Arizona State University, February, 2007

Annenberg School of Communication, University of Southern California, November, 2007

New York University College of Law, April, 2006

DePaul University College of Law, March, 2004

Arizona State Law School, Feb., 2003

University of Michigan, Departments of Social Work and Communication, April, 2003

Keynote address, Understanding and Managing Sexual Aggression Conference, New York Academy of
Sciences, Washington, DC, June 2002

Ethics and Art Conference, Arizona State University, November, 2001

Biopolitics Conference, March, 2001, UCLA

University of California, Santa Barbara, November, 2000

Gruter Institute on Law and Social Policy, Squaw Valley, CA, June, 2000

Law School, Arizona State University, February, 2000.

International Academy of Sex Research Meetings, Long Island, New York, June, 1999

University of California, Santa Barbara, January, 1999

Keynote Address, Annual Meeting of the Society for Evolutionary Analysis in Law, NY, October, 1998

Clarke Institute, University of Toronto, Canada, October, 1998

Keynote address, Human Behavior and Evolution Society Annual Meetings, Tuscon, Arizona, June, 1997

Fourth International Conference on Standards in Screen Entertainment, London, England, Sept. 1996

State of the Art Lecture, XXVI International Congress of Psychology, Montreal, Canada, Aug., 1996

Conference on Media, Socialization and Aggression, Sponsored by the Polish National Academy of
Science, Warsaw University, Warsaw, Poland, December, 1995

Committee on Media and the Arts, National Parliament of Poland, December, 1995
National Association for the Treatment of Sexual Aggression, New Orleans, Louisiana, Oct., 1995
National Research Council, Washington, D.C., June, 1995
Departments of Communication, Psychology, & Criminology, Hebrew University, Israel, June, 1995
Bar-Ilan University, Israel, May, 1995
Communication Forum, Tel Aviv University, Israel, May, 1995
Center for Evolutionary Psychology, Santa Barbara, CA, February, 1995
Center for the Study of Evolution and the Origins of Life, UCLA, November, 1994
Keynote address, Society for the Scientific Study of Sex, Miami, Florida, November, 1994
Keynote address, National Association for the Development of Work with sex Offenders, Durham
University, Durham, Great Britain, Sept. 1994
Oakland University, Michigan, March, 1994
Americas Universitat de Puebla, Puebla, Mexico, November, 1993
Keynote address, National Society for the Treatment of Sexual Aggression Meetings, Boston,
November, 1993
Keynote address, International Society for the Treatment of Sexual Aggression Meetings, Minneapolis,
September, 1993
Keynote address, American Psychological Association Meetings, Toronto, August, 1993
Bowling Green University, April, 1993
University of Chicago Law School, March, 1993
Michigan State University, December, 1992
Department of Sociology, University of Michigan, Nov., 1992
Wayne State University, October, 1992
Kent State University, May, 1992
National Research Council Meetings, September, 1992
National Women's Democratic Club, Washington, D.C., November, 1991.
Institute for Social Research, University of Michigan, February, 1991.
California State University at Fullerton, January, 1990.
Keynote address, University of Manitoba, Canada, February, 1990.
University of California, Santa Barbara, December, 1988.
Massachusetts Institute of Technology (MIT), Cambridge, Mass., March, 1988.
Keynote address, Gustavus College, Minnesota, to receive the John Kendall Award for contributions to
psychology, May, 1987.
Indiana University, Bloomington, Indiana, April, 1987.
Keynote address, Family Violence Conference, sponsored by the Criminology Center, University of
Alberta, Edmonton, Alberta, Canada, March, 1987.
University of California, San Diego, February, 1987.
Colorado State University, Fort Collins, Colorado, January, 1987.
Surgeon General's Workshop on Pornography and Public Health, Washington, D.C., June, 1986.
University of California, San Diego, April 1986 (Sponsored by the Communication Dept., the Sociology
Dept., and the Rape Prevention Center).
Menorah Conference on the Mass Media, Kansas City, Kansas, October, 1986.
Annual Convention of the Western Society of Criminologists, Newport Beach, CA, February, 1986.
American Jewish Committee National Task Force on Antisemitism and Violence, Los Angeles
Hearings, February, 1986.
Invited testimony, Los Angeles City Council Hearings, September, 1985.
Invited testimony, National Council of Churches, Investigative Hearings, Los Angeles, California,

January, 1985.
University of Illinois at Chicago, November, 1985.
University of California, Davis, November, 1985.
UCLA School of Law, March, 1985.
The Neuro-Psychiatric Institute, UCLA School of Medicine, October, 1985.
Communication Program, University of California, Santa Barbara, May, 1985.
The Interdisciplinary Conference on Sexual Abuse, La Jolla, California, October, 1985.
St. Meinrad Theological Seminary, Indiana, October, 1985.
San Diego State University, October, 1985.
The Attorney General's Commission on Pornography, Houston, Texas, September, 1985.
International Conference on Youth, Montreal, Canada, November, 1985.
Duke University, North Carolina, October, 1985.
Department of Psychiatry, Medical University of South Carolina, Charleston, South Carolina, April, 1985.
California State University, Northridge, March, 1985.
The First International Conference on Children and the Media, Los Angeles, CA, May, 1985.
The Annenberg School of Communications, University of Southern California, Los Angeles, October, 1985.
Central Washington University, Ellensburg, Washington, May, 1985.
Invited testimony before the United States Senate Subcommittee on Juvenile Justice, Committee on the Judiciary, on behalf of the American Psychological Association, Washington, D.C., August, 1984.
Conference on Media Violence sponsored by the National Institute on Mental Health (NIMH), Los Angeles, CA, October, 1984.
Keynote address presented at the Tenth Annual Psychology Symposium, California State University, Fullerton, February, 1984.
University of Alberta, Edmonton, Alberta, Canada, May, 1984.
The Faculty Seminar on Women, Culture and Theory, UCLA, January, 1984.
City and parliamentary council, Victoria, British Columbia, April, 1984.
California State Psychological Association and California Women in Government at San Diego, CA, August, 1984.
University of California, Irvine, April, 1984.
University of California, San Diego, April, 1984.
Program for the Study of Women and Men in Society, University of Southern California, February, 1984.
Ontario Institute for Studies in Education, University of Toronto, Canada, February, 1984.
Institute of Justice, Vancouver, British Columbia, April, 1984.
Stanford University, January, 1984.
Shaughnessy Hospital, Vancouver, British Columbia, April, 1984.
San Diego State University, April, 1984.
Fuller Theological Seminary, Pasadena, CA, March, 1984
Psychology department, University of California, Santa Barbara, May, 1983.
Psychology department, University of Southern California, October, 1983.
Annual Meetings of the Society for the Scientific Study of Sex, Chicago, Illinois, November, 1983.
Purdue University, Lafayette, Indiana, November, 1983.
Pomona Colleges, October, 1982.
University of Wisconsin-Madison, November, 1982.
University of Calgary, Alberta, Canada, February, 1982.
University of California, Santa Cruz, November, 1982.

University of British Columbia, Vancouver, Canada, February, 1982.
Marquette University, Milwaukee, Wisconsin, November, 1982.
University of California, Los Angeles, December, 1981.
NATO Conference on Aggression, Maratea, Italy, June, 1981.
The Conference of Penal Psychologists, Winnipeg, Canada, August, 1981.
New York University, December, 1981.
Graduate School of Public Health, University of Pittsburgh, May, 1980.

SELECTED CONVENTION PRESENTATIONS

- Vega, V., & Malamuth, N. (June, 2003). *The role of mass media exposure in the context of predicting sexual aggression*. Paper presented at the Annual Meetings of the International Communication Association, San Diego.
- Malamuth, N. (June, 2002) *Understanding the impact of pornography exposure within an integrative model of the characteristics of sexual aggressors*. Paper presented at the Second Annual Social Science Conference, University of Hawaii, Hawaii.
- Malamuth, N. & Addison, T. (June, 2000). *An integrative framework for research on mass media and aggression*. Paper presented at the Annual Meetings of the International Society for the Study of Personal Relationships, Brisbon, Australia.
- Malamuth, N. (November, 1999). *An evolutionary-based model of the characteristics of sexually aggressive men: Implications for understanding crime*. Paper presented at the Annual Meetings of the Criminology Association, Toronto, Canada
- Malamuth, N. (November, 1999). *The Confluence Model of Sexual Aggression: Recent advances*. Paper presented at the Annual Meetings of Association for the Advancement of Behavior Therapy, Toronto, Canada.
- Malamuth, N., & Impett, E. (June, 1999). *Mechanisms mediating the relation between hostile masculinity and sexual aggression*. Paper presented at the Annual Meetings of the Human Behavior and Evolution Society, Salt Lake City, Utah
- Malamuth, N. And Johnson, S. (June, 1998). *Self-interest, evolutionary theory, and political voting*. Paper presented at Annual Meetings of the Human Behavior and Evolution Society, Davis, Ca 1998
- Malamuth, N. (August, 1998). *An intergration of research on pornography and media violence*. Annual Meetings of the International Communication Association Meetings, Jerusalem, Israel.
- Malamuth, N. (August, 1997). *The longitudinal prediction of sexual and non-sexual aggression*. Paper presented at the World Congress on Violence & Human Coexistence, Dublin, Ireland.
- Malamuth, N. (June, 1997). *Integrating research on sexual and non-sexual aggression against women*. Paper presented at the Conference on Family Violence, University of New Hamsphire.

- Malamuth, N. (1996, June). *Sexually explicit media, gender differences and evolutionary theory*. Paper presented at the Human Behavior and Evolution Society Annual Meetings, Chicago, Ill.
- Malamuth, N. & Huesmann, L. R. (1995, September). *Theoretical developments in longitudinal research on sexual aggression*. Society of Experimental Social Psychology, Washington, D.C.
- Malamuth, N. & Brown, L. (1994, August). *Sexually aggressive men's perceptions of women's communications: Testing three explanations*. International Communication Association Meetings, Australia.
- Malamuth, N. ((1993, October). *Recent advances in research on the mass media and aggression against women*. Society of Experimental Social Psychology, Santa Barbara, CA.
- Malamuth, N. & Linz, D. (1993, May). *The longitudinal prediction of antisocial behavior against women*. Paper presented at the annual meetings of the International Communication Association, Washington, D.C.
- Malamuth, N., Sackloskie, R., & Koss, M. (1991, August). *Assessing the role of pornography within an integrative model of sexual aggression*. Paper presented at the Annual Meetings of the American Psychological Association, San Francisco, CA.
- Malamuth, N. (July, 1991). *Cross-sectional and longitudinal research on the causes of aggression against women: Towards an integrative model*. Plenary paper presented at the European Meetings of the International Society for Research on Aggression, Jerusalem, Israel.
- Malamuth, N. (1990, August). *Towards an integrative theory of sexual aggression*. Paper presented at the American Psychological Association Meetings, Boston, Mass.
- Malamuth, N. (1990, June). *Sexual aggression and the mass media*. Paper presented at the Bi-Annual Meetings of the International Society for Research on Aggression, Banff, Canada.
- Malamuth, N. (1989, January). *Are we producing sexual aggressors?* Paper presented at the Annual Meetings of the American Association for the Advancement of Science, San Francisco, CA.
- Malamuth, N. (1988, August). *The Attraction to Sexual Aggression Scale: Validation and Implications*. Paper presented at the American Psychological Association Annual Meeting, Atlanta, GA.
- Malamuth, N. (1987, January). *A multidimensional approach to sexual aggression*. Paper presented at a conference on sexual aggression sponsored by the New York Academy of Sciences, New York City.
- Malamuth, N. (1987, March). *Perspectives on pornography*. Paper presented at the Western Meetings of the Society for the Scientific Study of Sex, Los Angeles, CA.
- Malamuth, N. (1987, May). *Do sexually violent media contribute indirectly to antisocial behavior?* Paper presented at the annual meetings of the International Communication Association, Montreal, Canada.

- Malamuth, N. (1987, August). *Sexual aggression and "machismo" in conversation*. Paper presented at the Annual Meetings of the American Psychological Association, New York City.
- Malamuth, N. (1987, August). *Prediction of sexual aggression: Mass media contributions*. Paper presented at the Annual Meetings of the American Psychological Association, New York City.
- Stille, R. G., Malamuth, N. & Schallow, J. R. (1987, August). *Prediction of rape proclivity by rape myth attitudes and hostility toward women*. Paper presented at the Annual Meetings of the American Psychological Association, New York City.
- Malamuth, N. (1986, October). *Communicating scientific findings to the public*. Paper presented at the Annual Meetings of the Society of Experimental Social Psychologists, Tempe, AZ.
- Malamuth, N. (1985, November). *The Mass Media and Aggression Against Women: Direct and Indirect Paths*. Paper presented at the Annual Meetings of the American Society of Criminology, San Diego, CA.
- Malamuth, N. (1985, October). *Recent advances in research on the effects of media violence: Theory and research*. Paper presented at the Meetings of the Society of Experimental Social Psychologists, Snowbird, UT.
- Malamuth, N. (1985, September). *Aggression against women: Current theory and research*. Paper presented at the Meetings of the International Society for Research on Aggression, Parma, Italy.
- Malamuth, N. (1985, August). *Violence Against Women: Theory and Research*. Paper presented at the Bi-Annual Meetings of the International Society for Research on Aggression, Chicago, IL.
- Malamuth, N. (1984, August). *Pornography: Theories, data and policy*. Paper presented at the Annual Meetings of the American Psychological Association, Toronto, Canada.
- Malamuth, N. (1984, August). *Violence against women: Cultural, individual and inhibitory/disinhibitory causes*. Paper presented at the Annual Meetings of the American Psychological Association, Toronto, Canada.
- Check, J., & Malamuth, N. (1983, June). *The Hostility Toward Women Scale*. Paper presented at the Western Meetings of the International Society for Research on Aggression, Victoria, Canada.
- Malamuth, N. (1983, June). *Mediators of Aggression: Personality, Attitudinal, Cognitive and Emotional*. Paper presented at the Western Meetings of the International Society for Research on Aggression, Victoria, Canada.
- Malamuth, N., Check, J., & Briere, J. (1983, August). *Is Violence Sexually Arousing?* Presented at the Annual Meetings of the American Psychological Association Meetings, Anaheim, CA.
- Ceniti, J., & Malamuth, N. (1983, August). *Effects of Repeated Exposure to Violent and Non-Violent Sexual Stimuli*. Paper presented at the Annual Meetings of the American Psychological

Association Meetings, Anaheim, CA.

- Malamuth, N., & Check, J. (1982, June). *Factors Related to Aggression Against Women*. Paper presented at the Annual Meetings of the Canadian Psychological Association, Montreal.
- Malamuth, N. (1982, August). *Cultural and Individual Causes of Aggression Against Women*. Paper presented at the Annual Meetings of the American Psychological Association, Washington, D.C.
- Check, J., & Malamuth, N. (1982, August). *Violent Pornography, Feminism and Social Learning Theory*. Paper presented at the Bi-Annual meetings of the International Society for Research on Aggression, Mexico City.
- Malamuth, N. (1982, October). *Aggressive Media, Culture, and Individual Differences*. Paper presented at the Meetings of the Society of Experimental Social Psychologists, Bloomington, IN.
- Malamuth, N. (1981, May). *Experimental Research on Sexual Aggressivity*. Paper presented at the Third National Conference on the Evaluation and Treatment of Sexual Aggressives, Avila, CA.
- Check, J., & Malamuth, N. (1981, June). *Sexual Arousal to Rape: The Importance of Ambiguous Social Cues*. Paper presented at the Annual Meetings of the Canadian Psychological Association, Toronto.
- Briere, J., Malamuth, N., & Check, J. (1981, June). *Sexual Attitudes and Pro-Rape Beliefs*. Paper presented at the Annual Meetings of the Canadian Psychological Association, Toronto.
- Malamuth, N. (1981, June). *Rape Attitudes and Sexual Arousal as Predictors of Non-Deviants' Aggression Against Women*. Paper presented at the Annual Meetings of the Canadian Psychological Association, Toronto.
- Check, J., & Malamuth, N. (1981, August). *Can Exposure to Pornography Have Positive Effects?* Paper presented at the Annual Convention of the American Psychological Association, Los Angeles.
- Malamuth, N. (1981, August). *Rape Proclivity Among Men*. Paper presented at the Annual Convention of the American Psychological Association, Los Angeles.
- Briere, J., & Malamuth, N. (1981, August). *Self-Assessed Rape Proclivity: Attitudinal Correlates*. Paper presented at the Annual Convention of the American Psychological Association, Los Angeles.
- Malamuth, N., & Check, J. (1981, August). *The Effects of Exposure to Aggressive Pornography: Rape Proclivity, Sexual Arousal and Beliefs in Rape Myths*. Paper presented at the Annual Convention of the American Psychological Association, Los Angeles.
- Malamuth, N., & Check, J. (1980, September). *Effects of Violent-Sexual Movies: A Field Experiment*. Paper presented at the Meetings of the American Psychological Association, Montreal, Canada.
- Malamuth, N. (1980, July). *Social Psychological Research on Sexual Violence in The Mass Media*. Paper presented at the Bi-Annual Meeting of the International Society for Research on

Aggression, Haren, The Netherlands.

Malamuth, N. (1980, July). *Recent Advances in Experimental Research on Sexual Violence: Implications for Research and Therapy*. Paper presented at the World Congress on Behavior Therapy, Jerusalem, Israel.

Malamuth, N., Reisin, I., & Spinner, B. (1979, September). *Exposure to Pornography and Reactions to Rape*. Paper presented at the Annual Convention of the American Psychological Association, New York City.

Malamuth, N., & Check, J. (1979, June). *Penile Tumescence and Perceptual Responses to Rape as a Function of Victim's Perceived Reactions*. Paper presented at the Annual Meeting of the Canadian Psychological Association, Quebec City, Canada.

Malamuth, N. (1979, May). *Rape Fantasies as a Function of Repeated Exposure to Sexual Violence*. Paper presented at The Second National Conference on the Treatment of Sexual Aggressives, New York City.

Malamuth, N. (1979, March). *Experimental Research on Sexual Violence*. Paper presented at the 11th Annual Banff Behavior Modification Conference, Banff, Canada.

Malamuth, N. (1978, September). *Erotica, Aggression and Perceived Appropriateness*. Paper presented at the Annual Convention of The American Psychological Association, Toronto, Canada.

REFERENCES

Available upon request.