

Ralph Norman Haber, Ph.D.

Resume (January 2008)

Address:

Mail: 313 Ridge View Drive, Swall Meadows, CA 93514
(telephone) 760-387-2458;
(fax) 760-387-2459;
(Email) Ralph@humanfactorsconsultants.com
(Web) www.humanfactorsconsultants.com

Current Positions:

Partner, Human Factors Consultants, 1987-present
Professor Emeritus of Psychology, University of Illinois at Chicago, Chicago, Illinois
60680, 1994--present

Marital Status:

Married Lyn Roland Haber.
Children: Sabrina, born, 1963; Rebecca, born, 1966; Eric, born 1972; Molly, born 1973.

Forensic Scientist and Expert Witness

Since 1980, I have applied to forensic science my background and scientific training in perception, cognition, recognition and identification, and human factors to analyses of the factors that affect the accuracy of eyewitness memory, testimony and identifications, fingerprint methods and identifications, and the human factors of accidents. I have, with Lyn Haber, consulted with attorneys and judges, offered seminars, published, presented at conferences, and provided expert testimony on the factors that affect accuracy of testimony and identifications. In these areas, we have presented our work to police officers and fingerprint examiners who testify on behavior of the prosecution, and to defense attorneys. For legal clients, our services include consultation with the client, review of existing research, collection of new research if required, preparation of affidavits and reports, and where needed, expert testimony in court. We assist clients representing either defendants or plaintiffs, involved in either civil or criminal cases. I have, with Lyn Haber, written an affidavit in 1990 applying the research evidence on the accuracy of long term memory to memory retrieval, submitted to the U.S. Federal District Court (Northern Illinois) in support of a petitioner. In 2005 we submitted a Brief Amici to the Massachusetts Supreme Court on the scientific basis of fingerprint evidence in support of a petitioner.

Human Factors Consultants Partnership:

I am a partner with my wife, Lyn Haber, in the firm **Human Factors Consultants**. Together, we provide consultation, reviews of existing scientific research, and we perform new research for legal and business clients and for the government. We also provide expert testimony in court. We specialize in issues involving the application of science to **methods** (for example, of training, or ways to evaluate hazards, or how best to question a witness), to **accuracy** (for example, what factors affect the accuracy of memory, of eyewitness identification from a lineup, of fingerprint comparisons, of a child's memory, of a recovered memory); and to **assessment** (for example, of performance, of the safety of a work environment, of the quantitative success of a training program; requirements and design of warnings). In addition to work involving litigation, for business and governmental clients, we provide human factors expertise in areas of equipment design and operation, development and evaluation of training programs, performance assessment, risk and accident analyses, and cost/benefit analyses of proposed changes in operations.

Fingerprint Comparison Training

I have taken three courses in fingerprint comparison.

24 hr Basic Course taught by Richard Whalley, CLPE, Richard Whalley Associates, San Diego, CA, December, 2002, San Diego, CA.

40 hr. Ridgeology Sciences Workshop (Fingerprint Comparison) Course taught by Kasey Wertheim, CLPE, under auspices of the International Association for Identification. December 1-5, 2003, Santa Ana, CA

40 hr. Basic Forensic Ridgeology (Fingerprint Comparison) Course taught by David Ashbaugh, CLPE, under auspices of the International Association for Identification, January 17-21, 2005, Los Angeles, CA.

Education (Pre-Doctoral)

BA University of Michigan, 1949-1953; Philosophy (with honors)

MA Wesleyan University (Connecticut), 1953-1954, Psychology

Ph.D. Stanford University, 1954-1957, Psychology

Education (Post-Doctoral)

Post-Doctoral Fellow, Applied Psychology Unit, Medical Research Council, Cambridge, England, 1970-1971

Sierra Leadership Training Seminar, Sierra Business Council, Spring, 2002.

Forensic interview training, Harvey Shapiro, Instructor, 20 hours, August, 2005.

Honors: Pre-Doctoral:

University Scholastic Honors, University of Michigan, 1953

Graduated with Honors in Philosophy, University of Michigan, 1953

Behavioral Science Fellowship, Ford Foundation, 1953-1954

Honors Fellowship, Stanford University, 1954-1955

Society of the Sigma Xi, Associate Member, 1954; Full Member, 1957

Honors: Post-Doctoral:

Fellow, American Psychological Association, Div. 3, 1970; Div. 2, 1983

Fellow, American Association for the Advancement of Science, 1971

Special Post-Doctoral Fellowship, USPHS-NIMH, 1970-1971

Outstanding Achievement Award, University of Michigan, 1977

Fellow, Institute of the Humanities, University of Illinois, 1984-1985

Fellow, American Psychological Society, 1988

University Appointments: Pre Ph.D., 1954-1957

Wesleyan University: Research assistant to David McClelland, summers 1954, 1955

Stanford University: Teaching assistant, 1954; Research assistant to Robert Sears, 1955-1956; Honors seminar instructor, 1956-1957

Stanford Research Institute, Menlo Park: Research psychologist, 1956

University Permanent Appointments: Post Ph.D., 1957-present

Stanford University: Research associate, Inst. Communication Res., 1957-1958

San Francisco State College: Instructor, 1957-1958

Yale University: Assistant Professor, 1958-1964; Chairman, Divisional Major III, an undergraduate interdisciplinary honors behavioral science major, 1959-1964

University of Rochester: Associate Professor of Psychology, 1964-1967; Professor of Psychology, 1967-1970; Chairman, Department of Psychology, 1967-1970; Professor of

Psychology and Visual Science, 1970-1972; Prof. of Psychology, Visual Science and Education, 1972-1979

University of Illinois at Chicago: Professor of Psychology, 1979-1991; Research Professor of Psychology, 1991-1994; Professor Emeritus of Psychology, 1994-present
University of California at Santa Cruz, Research Associate, Department of Psychology, 1995--2000

University of California at Riverside, Adjunct Professor, Department of Psychology, 1997--1999

Visiting University Appointments

Visiting Assistant Professor, New School for Social Research, 1960-1961
Visiting Scientist, Applied Psych Unit, Medical Research Council, Cambridge, England, 1970-1971

Visiting Professor, Hebrew University of Jerusalem, Spring Semester, 1976
Visiting Professor, Stanford University, Summer 1977
Visiting Professor, National Technical Institute for the Deaf, Rochester, NY, 1976-1978
Visiting Scientist, Air Force Human Resources Laboratory, Williams Air Force Base, Arizona, 1981-1982
Adjunct Professor, Illinois College of Optometry, 1983-1985

Memberships:

Society of the Sigma Xi, Member, 1957-present
American Psychological Association, Member, 1958-1990; Fellow, Division 3, 1970; Fellow, Division 2, 1983.
Eastern Psychological Association, Member, 1959-1975
American Association for the Advancement of Science, Member, 1960-; Fellow, 1971
Psychonomics Society, Member, 1964-
American Association of University Professors, Member, 1960-
Optical Society of America, Member, 1966-
New York Academy of Science, Member, 1969-
National Academy of Sciences, National Research Council Committee on Vision, 1970-1972; 1980-1982.
Experimental Psychology Society of England, Foreign Member, 1970-
Linguistic Society of America, Member, 1974-
British Psychological Society, Foreign Affiliation, 1983
Midwestern Psychological Association, Member, 1984-present
Human Factors Society, Member, 1987--present
American Psychological Society, Fellow, 1988--present

External Research Support:

National Science Foundation, Grant G-I987, Research on Achievement Motivation, 1955-1956

National Science Foundation, Grants G I192I and G I2573, Undergraduate Research Training and Participation, 1960-1964

National Institute of Mental Health, Grant MH-03244; 0I-05, Antecedents of Perceptual Processing, 1959-1964

National Science Foundation, Grant GB 2909, Antecedents of Perceptual Selectivity, 1964-1966

National Science Foundation, Grant GB 5910, Information Processing Analyses of Perceptual Selectivity, 1967-1969

National Science Foundation, Grant GB 4547, Purchase of a Digital Computer for Perceptual Research, 1966-1968

Office of Education Contract, OE 5-I0-287, Eidetic Imagery in Children, 1965-1968

Special Post-doctoral Fellowship, NIMH MH24765001A1, to work at the Applied Psychology Unit, Medical Research Council, Cambridge, England. Supervised by Donald Broadbent, 1970-1971

National Institute of Mental Health, Grant MH 10753-01 to 09; Antecedents of Perceptual Selectivity, 1965-1975

U.S. Army Human Engineering Laboratories, Contract DAAD 05-71-C-0407; Antecedents of Perceptual Selectivity, 1971-1975

U.S. Office of Education: Contract OEC-0-71-4170; An Information Processing Analysis of Reading, 1972-1973

National Institute of Education Grant NE-G-3-0090; Perceptual Components of Reading, 1973-1976

U.S. Air Force Office of Scientific Research; University Research Resident Program Contract, 1981-1982

U.S. Department of Transportation, Federal Railway Administration Contract: Training of Railway Freight Engineers, 1984-1985

U.S. Department of Transportation, Urban Mass Transit Administration Contract IL-06-0061, Vigilance Problems in Subway Motormen, 1985

Veterans Administration, Hines VA Rehabilitation Research and Development Center Contract: Spatial Cognition in the Blind, 1987

Veterans Administration, Rehabilitation Research and Development Center, Washington. Contract C448R: Measuring the Knowledge of Spatial Layout of Visually Impaired Adults, 1988-1989.

Veterans Administration, Rehabilitation Research and Development, Washington. Contract C995-PA: The development of an objective measure of orientation skill in the blind, 1990.

National Eye Institute: Measuring the Knowledge of Spatial Layout in Blind Adults. Grant R01-EYE-07801, 1990-1993

Elective Positions

American Psychological Association, Division 3, Division representative to the APA Council, 1991-1994.

Professional Advisory and Consulting Activities:

Member of Woodrow Wilson Fellowship Regional Selection Committee, 1969-1970

Occasional Consulting Editor: Psychological Review, Psychological Bulletin, Perception and Psychophysics, Canadian Journal of Psychology, American Journal of Psychology, Journal of Personality, Experimental and Social Psychology, American Psychologist, Journal of Experimental Psychology

Occasional Grant and Contract Reviewer: National Science Foundation, National Institutes of Mental Health, National Eye Institute, U.S. Army Research Laboratory.

Member, Publisher's Editorial Board Advisory Editor for Experimental Psychology, Holt, Rinehart and Winston Publishers, 1969-1978

Advisory Editor for Handbook of Perception, Academic Press, 1973-1978

Editorial Board Member for Scientific Journals: Psychologische Forschung, 1973-1980; Acta Psychologica, 1973-1980; Journal of Mental Imagery, 1977-present; International Mental Imagery Review, 1980-1985; Journal of Visual/Verbal Language, 1981-1990; Developmental Neuropsychology, 1984-1990; Journal of Experimental Psychology-Human Perception and Performance, 1985-1988, Society of Photo-Electri-Instrumentation Engineers (SPIE) annual conference; Planning committee for robotics, 1989-1993

Research Consultant: Veterans Administration, 1967-1970; United States Air Force Safety and Inspection Center, Norton Air Force Base, California, 1982-1993; Illinois Institute of Technology Research Institute on Railway Engineer Training, 1985-1993; Consultant to the Illinois Institute of Technology Research Institute on Alerter Devices in Freight Locomotive Cabs, 1986-1988; Consultant to the Illinois Institute of Technology Research Institute on the Peacekeeper Rail Garrison System; task analyses, performance assessment, and training, 1987-1989; Consultant to University Research Systems on development of tests of locomotive engineer train handling skills, 1987-1990.

Academic Administrative Experience:

Yale University: Chairman of Divisional Major III: Culture and Behavior (an Undergraduate Graduate Honors Interdisciplinary Major), 1959-1964

University of Rochester: Department Committee on Undergraduate Studies, member 1964-1967, Chairman, 1965-1967; Department Building Committee, member, 1965-1975; chairman, 1965-1969; University Committee on the Computing Center, 1964-1973; Chairman, Department of Psychology, 1967-1970; University Senate, Member, 1967-1970; 1971-1974; Secretary and Member, Steering Committee, 1969-1970; Department Committee on Graduate Studies, member, 1971-1974; Chairman, 1971-1974; Department Library Committee, member 1971-1974, Chairman, 1971-1973; University Drama Center Advisory Committee, 1971-1973; Department Graduate Training Committee Area Head, Sensation and Perception, 1972-79; University Committee on Tenure and Privileges, member, 1973-1976, Chairman, 1975-1976; Department Committee on Human Subjects, member 1973-1979, Chairman, 1973-1978; Department Executive Committee, 1977-1979; Organizer and Chairman of Tenth Center for Visual Science Symposium The Perception of Scene, Object and Form, June 1977

University of Illinois at Chicago: Department Colloquium Committee Chairman, 1979-1981; Interdepartmental Committee on Cognitive Science Interdisciplinary Program Development, 1981-1982; University Committee on Human Subjects, 1979-1981; Department Cognitive Psychology Program Chairman, 1984-1990; Department Executive Committee member, 1984-1990; Eron Award Committee Chairman, 1990-1993

Non-University Research and Training and Human Factors Experience

1977-79: Braille reading in the blind: hand movements, skill, training, Strong Memorial Hospital, Rochester, New York

1981-82. US Air Force Research Laboratory, Williams Air Force Base, AZ. Simulated and in-flight training of fighter pilots engaged in ground hugging maneuvers.

1981-1983: US Air Force Research Laboratory, Williams Air Force Base, AZ, and AZ Air National Guard, Tucson, AZ. Development of in-flight fighter pilot training program for low altitude flying.

1982-1985: US Air Force Safety Center, Norton Air Force Base, CA. Investigation of collisions with the ground of fighter aircraft—human factors analyses.

1962-1986: US Air Force Safety Center, Norton Air Force Base, CA. Analysis of task components of air traffic control systems and equipment.

1984-1985: Development of simulated training programs for railway freight locomotive engineers; contract from the Federal Railway Administration (USDOT) to the Illinois Institute of Technology, Chicago, IL.

1985. Testing of alerter devices for vigilance of railway engineers. Contract from the Federal Railway Administration (USDOT) to the Illinois Institute of Technology, Chicago, IL.

1986. Analysis of the safety of automated subways in the US. Contract from the Urban Mass Transit Authority (USDOT) to the Illinois Institute of Technology, Chicago, IL..

1986-1988. Development of a generic training program for railway engineers driving the MX missile trains. Contract from the US Air Force, to the Illinois Institute of Technology, Chicago, IL.

1988. Development of certification test for railway freight locomotive engineers. Work under a contract from the Federal Railway Administration.

1988. Analysis of railway dispatching systems of US railways. Contract with the US Air Force, to the Illinois Institute of Technology, Chicago, IL.

1988-1993. Navigation of cities by blind travelers. Development of training programs, evaluation of performance. Research supported by the Veterans Administration and the Illinois Institute of Blind Rehabilitation.

1992. Navigation of robotic systems modeled after cognitive maps of blind travelers. Illinois Institute for Blind Rehabilitation.

1991-93. Determinants of the fit of eyewear, measurements of heads of eyewear users, and development of computer software to aid in eyewear design as a function of fit. Contract with the Bausch and Lomb Optical Company, Rochester, NY.

1991-92. Evaluation of human factors issues of in-car navigation systems. Contract with USDOT to the Illinois Transportation Institute.

1995-96. Evaluation of determinants of the fit of foot wear, and athletic gear. Research supported by the Nike Shoe Co, Portland, Oregon.

2002. Member of Leadership Training Seminar, Sierra Business Council.

2001-02. Founder, member of board and first president of the Eastern Sierra Conservancy, Bishop, CA.

2005: Member, Board of Directions, ALIMAR (Andrea Lawrence Institute for Mountains and Rivers)

Publications: Books:

Haber, L. & Haber, R.N. (2008—in press). **Challenges for Fingerprints:** Tucson, AZ: Lawyers & Judges Publishing Company.

Haber, R.N. and Hershenson, M. (1980). **The Psychology of Visual Perception.** New York: Holt, Rinehart and Winston, Second Edition.

Weiner, B., Runquist, W., Runquist, P.A., Raven, B., Meyer, W., Leiman, A., Kleinmuntz, B., Keutschner, C., and Haber, R.N. (1977). **Discovering Psychology.** Palo Alto: Science Research Associates, xv + 877 pp.

Haber, R.N. and Fried, A. (1975). **An Introduction to Psychology.** New York; Holt, Rinehart & Winston, Inc. xiv + 926 pp.

Haber, R.N. and Hershenson, M. (1973). **The Psychology of Visual Perception.** New York: Holt, Rinehart and Winston, xii+468

Haber, R.N. (Ed.) (1969). **Information Processing Approaches to Visual Perception.** New York: Holt, Rinehart and Winston, xv+468

Haber, R.N. (Ed.) (1968). **Contemporary Theory and Research in Visual Perception.** New York: Holt, Rinehart and Winston, xi + 814 pp.

Haber, R.N. (Ed.) (1966). **Current Research in Motivation.** New York: Holt, Rinehart & Winston, Inc., xii + 800 pp.

Articles, Chapters and Books Published

Submitted for publication or in preparation

Haber, L., & Haber, R.N. Commentary on J.P. Black's Pilot Study on the Application of ACE-V to Simultaneous (Cluster) Impressions, published in *Journal for Forensic Identification*, (2006), 56, 933-971. (draft available)

Haber, R.N., & Haber, L. Upper Limits of Eyewitness Identification Accuracy in Court. Draft available.

Haber, L., & Haber, R.N. Human factors expertise in safety litigation. Draft available.

2008

Haber, L., & Haber, R.N. (2008—in press). **Challenges to Fingerprints: A Guidebook for Prosecution and Defense and Examiners** Tucson, AZ: Lawyers & Judges Publishing Company.

2007

Haber, L., & Haber, R.N. (2007). Scientific validation of fingerprint evidence under Daubert. **Law, Probability and Risk**, doi 10: 1093/lpr/mgm020.

Haber, L., & Haber, R.N. (2007). Experiential or scientific expertise. **Law, Probability and Risk**, doi: 10.1093/lpr/mgm024.

Haber, R.N., & Haber, L. (2007, in press). Eyewitnesses to Accidents: The Factors that Determine Accuracy. In R. E. Dewar and P. L. Olson (Eds.), **Human Factors in Traffic Safety**, Second Edition. (Chapter 23, pp. 495-514). Tucson, AZ: Lawyers & Judges Publishing Co.

2006

Haber, L., and Haber, R.N. (2006). Letter to the Editor of **Journal of Forensic Identification** on A report of latent print examiner accuracy during comparison training exercises, by Kasey Wertheim, et al. 2006, 56, pp. 493-499.

Haber, L., Haber, R.N., et al. (2006). Brief Amici Curiae of Scientists, Scholars, and the New England Innocence Project on Behalf of the Petitioner, Commonwealth of Massachusetts v. Terry Patterson (petitioner), Supreme Judicial Court, Commonwealth of Massachusetts. Submitted August 17, 2005. Published in **Criminal Law Bulletin**, (2006), vol. 42, #1, pp. 1-50.

2004

Haber, L., & Haber, R.N. (2004). Error rates for human latent fingerprint examiners. In N. Ratha (Ed.), **Advances in Automatic Fingerprint Recognition** (pp. 338-358). New York: Springer-Verlag.

2003

Haber, R.N., & Haber, L. (2003). Perception and attention during low altitude high speed flight. In P. Tsang & M. Vidulich (Eds.), **Principles and Practices in Aviation Psychology**, (Ch. 2; pp. 21-68). Mahwah, NJ: Lawrence Erlbaum Associates.

2002

Haber, R.N., & Haber, L. (2002). Eyewitness testimony about traffic accidents. In P. L. Olson & R.E. Dewar (Eds.), **Human Factors in Traffic Accident Reconstruction** (Ch. 21; pp 663-696). Tucson: Lawyers and Judges Publishing.

2001

Haber, R.N., & Levin, C.A. (2001). The independence of size perception and distance perception. **Perception and Psychophysics**, 63, 1140-1152.

2000

Haber, R.N., & Haber, L. (2000). Experiencing, remembering and reporting events: The cognitive psychology of eyewitness testimony. **Psychology, Public Policy and the Law**, 6, 1057-1097.

Haber, R.N., & Haber, L. (2000). Eidetic Imagery. In **Encyclopedia of Psychology**, edited by A. H. Forman. New York: Oxford University Press.

1998

Haber, R.N. (1998) Retrieving lost memories: a review of Erdelyi's **Recovery of Unconscious Memories**. **Journal of Hypnosis**, 1998, **32**, 56-58.

Haber, L. & Haber, R.N. (1998). Criteria for judging the admissibility of eyewitness testimony of long past events. **Psychology, Public Policy and Law**, **4**, 1135-1159.

1997

Haber, R.N., & Haber, L. (1997). A human factors alternative for the one-size-fits-all fantasy. **Ergonomics in Design**, **5**, 10-18.

1993

Haber, L.R., Haber, R.N., Penningroth, S., Novak, K., and Radgowski, H. (1993). Comparison of nine methods of pointing to indicate object location: data from blind adults. Perception, **22**, 35-47.

Haber, R.N., Haber, L.R., Levin, C.A., & Hollyfield, R. (1993). Spatial knowledge in blind and sighted persons. Perception and Psychophysics, **54**, 110-120.

Levin, C.A., and Haber, R.N. (1993). Visual angle as a determiner of perceived interobject distance. Perception and Psychophysics, **54**, 250-259.

1992

Davidson, P.W., Appelle, S., and Haber, R.N. (1991). Haptic scanning of braille cells by high- and low-proficiency blind readers. Research in Developmental Disabilities, **13**, 99-111.

Haber, L.R., and Haber, R.N. (1992). Accuracy and variability in response methods used to determine object location knowledge in the blind. International Journal of Rehabilitation Research, in press.

1991

Haber, R.N., and Haber, L.R. (1991). Why mobile robots need a spatial memory. Sensor Fusion III: Human and Machine Strategies. Proceedings of the Society of Photo-Optical Instrumentation Engineers, pp. 134-144.

Haber, L.R., and Haber, R.N. (1991). An Objective Certification Examination for Freight Locomotive Railway Engineers. Copyrighted, 1991. Washington, D.C.: Federal Railway Administration.

1990

Haber, R.N., and Haber, L.R. (1990) Affidavit concerning human memory retrieval. United States District Court for the Northern District of Illinois, Eastern Division. Weidner v. Thieret, No. 87 C 4157.

Haber, R.N. (1990). Dynamic stimuli and active processing in human visual perception. Sensor Fusion II: Human and Machine Strategies, pp. 3-29. Proceedings of the Society of Photo-Optic Instrumentation Engineers.

Hollyfield, R.L., Haber, L.R., Haber, R.N., and Stryzik, K.R. (1990). Mobility measurement: a computer assisted approach. RESNA Annual Conference Report, pp. 51-2.

1989

Haber, R.N., and Levin, C.A. (1989). The lunacy of moon watching: some preconditions to an explanation of the moon illusion. In M. Hershenson (Ed.), The Moon Illusion, pp. 299-318. Hinsdale, N.J.: Lawrence Erlbaum Associates.

1988

Haber, R. N., & Haber, L.R. (1988). Eidetic imagery as a cognitive skill. In L. Obler and D. Fein (Eds.), The Exceptional Brain: The Neuropsychology of Talent and Special Skills, pp. 218-241. New York: Guildford Press.

Haber, R.N. (1988). Flight Simulation. Trends in Computing. New York: Scientific American, pp. 140-147.

Haber, R.N., & Haber, L.R. (1988). A human factors analysis of the job of railroad train dispatcher. Technical Report for the Federal Railway Administration (44 pages). Chicago: Illinois Institute of Technology Research Institute, June, 1988.

Haber, R.N., & Haber, L.R. (1988). Multiple tasking components of the job of railway train dispatcher. Technical Report for the Federal Railroad Administration (56 pages). Chicago: Illinois Institute of Technology Research Institute, May, 1988.

Haber, R.N., & Haber, L.R. (1988). Generic versus territory specific operation of railroad train dispatchers. Technical Report for the Federal Railway Administration (59 pages). Chicago: Illinois Institute of Technology Research Institute, May, 1988.

Haber, R.N., & Haber, L.R. (1988). The controller and dispatching job: comparisons across industries. Technical Report for the Federal Railway Administration (51 pages). Chicago: Illinois Institute of Technology Research Institute, June, 1988.

Haber, R.N., and Haber, L.R. (1988). A task analysis of the job of railroad freight locomotive engineer. Technical Report for the Federal Railway Administration, (60 pages). Chicago: Illinois Institute of Technology Research Institute, June, 1988.

Haber, R.N., & Haber, L.R. (1988). Attention and vigilance in the operation of freight locomotives. Technical Report for the Federal Railway Administration (48 pages). Chicago: Illinois Institute of Technology Research Institute, Sept, 1988.

1987

Haber, R. N. (1987). Why jet fighters crash: Some perceptual factors in collisions with the ground. Human Factors, 29, 519-532.

Haber, R. N. (1987). The Perception of the Layout of Space during Flight. In Night Vision: Current Research and Future Directions, pp. 174-195. Washington: National Academy of Sciences, Committee on Vision.

1986

Haber, R. N. (1986). The simulation of high speed aircraft flight. Scientific American, 255 (July), 96-103.

Haber, R.N. (1986). Toward a theory of the perceived spatial layout of scenes. A. Rosenfeld (Ed.), Human and Machine Vision II, pp. 109-148. New York: Academic Press.

Haber, R.N. (1986). Review of E.R. Tufte's The Visual Display of Quantitative Information, published by the Cheshire Press in 1983. The American Journal of Sociology, 82, 312-313

1985

Haber, R. N. (1985). One hundred years of visual perception: an ahistorical perspective. In S. Koch & D. E. Leary (Eds.), A Century of Psychology as Science: Retrospectives and Assessments. New York: McGraw-Hill, pp. 250-281.

Haber, R. N. (1985). Toward a theory of the perceived spatial layout of scenes. Computer Vision, Graphics and Image Processing, 6, 282-321.

Haber, R. N. (1985). Understanding perceived spatial layout of scenes: A prerequisite for prostheses for blind travelers. In D. Warren & E.R. Strelow (Eds.), Electronic Spatial Sensing for the Blind. Amsterdam: Martinus Nijhoff, pp 431-461.

Haber, R. N. (1985). An icon as a persistence of a brief stimulus: silly and unnecessary. The Behavioral and Brain Sciences, 8, 190-192.

Haber, R. N. (1985). An icon can have no worth in the real world. Commentary on Loftus, Johnson & Shimamura's "How much is the worth of an icon. Journal of Experimental Psychology: Human Perception and Performance, 11, 374-378.

Haber, R.N. (1985). Review of Dodwell and Caelli's Figural Synthesis. (1984). American Scientist, 73, 487-488.

Haber, R.N. (1985). Three forms can suffice: drop the retinotropic frame. Behavioral and Brain Sciences, 8, 295-297.

Haber, R.N., Radgowski, C., and Paaswell, R. (1985) A database of demographic characteristics of freight locomotive engineers. Final technical report presented to the Federal Railway Administration, U.S. Department of Transportation, December, 1985.

Radgowski, C., Haber, R.N., and Paaswell, R. (1985) Performance of freight locomotive engineers as assessed in a simulated locomotive and by in-cab recordings. Final technical report submitted to the Federal Railway Administration, December, 1985.

Haber, R.N., and Haber, L.R. (1985). Rail Rapid Transit Systems: Do attentional problems increase with increased automation? Final report submitted to Urban Mass Transit Administration, US Department of Transportation, (Contract II-06-0061), Dec, 1985.

1984

Haber, R. N. (1984). Perceptual factors in low altitude flight. In Capt. G.E. Lee, and Maj. T.E. Ulrich (Eds.), Proceedings of the Ninth Symposium on Psychology in the Department of Defense. Colorado Springs: United States Air Force Academy, pp. 486-493.

Haber, R. N. (1984). A Gestalt psychologist in the laboratory: Review of William Uttal's Visual Form Detection in 3-Dimensional Space, published by Lawrence Erlbaum Associates, 1983. American Scientist, 74, 290-291.

1983

Haber, R.N. (1983). Stimulus information and processing mechanisms in visual space perception. In J.Beck, B. Hope & A. Rosenfeld (Eds.), Human and Machine Vision. New York: Academic Press, pp. 157-237.

Haber, L.R., Haber, R.N., & Furlin, K. R. (1983). Word length and word shape as sources of information in reading. Reading Research Quarterly, 18, 165-189.

Haber, R. N. (1983). The impending demise of the icon: the role of iconic processes in information processing theories of perception. Behavioral and Brain Sciences, 6, I-II.

Haber, R.N. (1983). The icon is really dead. Behavioral and Brain Sciences, 6, 43-55.

Haber, R. N. (1983). When is a picture worth so many words? Behavioral and Brain Sciences, 6, 147-148.

Haber, R. N. (1983). Can information be objectivized. The Behavioral and Brain Sciences, 6, 70-71.

Haber, R. N. (1983). Psychology cannot blame its theoretical mistakes on Physics. Acta Psychologica, 54, 155-163.

Haber, R. N. (1983). The two visual system hypothesis loses a supporter. The Behavioral and Brain Sciences, 6, 453-455.

Haber, R. N. (1983). Perception: One hundred years after Wundt. Academic Psychology Bulletin, 5, 141-155.

Haber, R. N. (1983). The disorganization of perceptual organization: Reviews of Reasons for Realism: Selected Essays of James J. Gibson, edited by E. Reed and R. Jones, 1982; and Organization and Representation in Perception, edited by J. Beck, 1982. American Scientist, 71, 422-423.

1982

Haber, R.N. & Myers, B. (1982). Memory for pictograms, pictures, and words, separately and all mixed up. Perception, 11, 57-64.

Haber, R.N. (1982). Eidetic imagery, monocularly, and computational models of vision. Behavioral and Brain Sciences, 5, 297-299.

Haber, L.R., & Haber, R.N. (1982). Does silent reading involve articulation? Evidence from tongue-twisters. American Journal of Psychology, 95, 409-419.

Haber, R.N. & Wilkinson, L. (1982). The perceptual components of computer graphic displays. Computer Graphics and Applications, 2, (May), 23-35.

Haber, R.N. (1982). Must all imagery be eidetic? Journal of Mental Imagery, 6 (No. 2), 52-54.

Haber, R. N., & Haber, L. R. (1982). An overview of vision as a factor in military aircraft mishaps. In G. McNaughton (Ed.), Visual Factors in Military Aircraft Mishaps. San Antonio: Air Force School of Aerospace Medicine

Haber, R. N. (1982). How many stripes has a tiger? Review of N. Block (Ed.), "Imagery". American Scientist, 70, 430-431.

Haber, R. N. (1982). It's silly to equate imagery with learning. Journal of Mental Imagery, 6 (No. 1), 32-34.

1981

Haber, R.N. & Schindler, R. (1981). Errors in proofreading: evidence of syntactic control of letter processing? Journal of Experimental Psychology: Human Perception and Performance, 7, 573-579.

Haber, R.N., & Haber, L.R. (1981). Visual components of the reading process. Visible Language, 15, 147-182.

Haber, L.R., & Haber, R.N. (1981). Visual processes in reading. In F.J. Pirozzolo & M.C. Wittrock (Eds.), Neuropsychological and Cognitive Processes in Reading. New York: Academic Press, 167-200.

Haber, R.N., & Haber, L.R. (1981). The shape of a word can specify its meaning. Reading Research Quarterly, 13, 334-345.

Haber, R.N. (1981). The power of visual perceiving. Journal of Mental Imagery, 5, 1-16. Reprinted in Journal of Visual/Verbal Languaging, 1983, 3, 9-19.

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1963

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1962

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1960

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1959

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1958

Haber, R.N. (1958). Discrepancy from adaptation as a source of affect. Journal of Experimental Psychology, 56, 370-375.

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Presentations, Papers, and Unpublished Documents

2007

Haber, L. & Haber, R. N. Forensic Science Issues on Accreditation of Crime Laboratories and Certification of Examiners. Presented to the California Commission of the Fair Administration of Justice, Sacramento, CA,, January 10, 2007.

Haber, L., & Haber, R.N. Making ACE conclusions measurable. Lecture presented to the 2007 Education Conference of the International Association for Identification, San Diego, CA, July, 2007.

Haber, R.N., & Haber, L. Is negative evidence informative. Lecture presented to the 2007 Education Conference of the International Association for Identification, San Diego, CA, July, 2007.

Haber, L., & Haber, R.N. Fingerprint comparison accuracy. Seminar presented to the Northern California Innocent Project, Santa Clara School of Law, October 24, 2007 at Santa Clara, CA.

2006

Haber, L., & Haber, R.N. Lineup identification accuracy by Eyewitnesses. Presented to the California Commission on the Fair Administration of Justice, San Francisco, CA, March 15, 2006.

Haber, L., & Haber, R.N. Estimates of Eyewitness Identification Accuracy. Presented to the Annual Conference of the Psychonomics Society, November, 2006, at Houston, Texas.

Haber, R.N., & Haber, L. The Stranger Effect in Face Recognition Accuracy. Presented to the Annual Conference of the Psychonomics Society, November, 2006 at Houston, Texas

Haber, L., & Haber, R.N., Why Fingerprint Identifications may be Erroneous. Presented to the Northern California Innocence Project, Santa Clara School of Law, September 27, 2006, Santa Clara, California

Haber, R.N., & Haber, L. Consequences of Erroneous Fingerprint Conclusions when the Suspect is Innocent. Presented to the Northern California Innocence Project, Santa Clara School of Law, September 27, 2006, at Santa Clara, California.

Haber, R.N., & Haber, L. The Factors that Affect the Accuracy of Eyewitness Identifications. Presented to the IMADEC University, School of Law, University of Vienna, Vienna, Austria, July 11, 2006.

Haber, L. & Haber, R.N. The Upper Limits on Eyewitness Identification Accuracy. Presented to the IMADEC University, School of Law, University of Vienna, Vienna, Austria, July 11, 2006

2005

Haber, L., Haber, R.N., et al. Brief Amici Curiae of Scientists, Scholars, and the New England Innocence Project on Behalf of the Petitioner, Commonwealth of Massachusetts v. Terry Patterson (petitioner), Supreme Judicial Court, Commonwealth of Massachusetts. Submitted August 17, 2005.

Haber, L. and Haber, R.N. Mindset in the Fingerprint Comparison Process. Presentation to fingerprint examiners in the crime laboratories of Los Angeles Area Police Departments, Westchester, CA January, 2005.

Haber, L., & Haber, R.N. Contaminants in the Fingerprint Comparison Process: Factors that Introduce Mindset and Reduce Accurate Outcomes. Invited Address, 5th Annual Public Defenders Retreat, Las Vegas, Nevada, April, 2005.

Haber, R.N., & Haber, L. Eyewitness Memory and Identification as Forensic Evidence: Its Scientific Basis, Its Accuracy and Its Limitations. Invited Address, 5th Annual Public Defenders Retreat, Las Vegas, Nevada, April 2, 2005.

Haber, L., and Haber, R.N. Mindset in the Latent Print Comparison Process. 90th International Educational Conference of the International Association for Identification, Dallas TX. August 7-13, 2005.

Haber, R.N., and Haber, L. The Science of Individuation and Identification: Commonalities across Eyewitness, Fingerprint, DNA and other Identification Sciences. 90th International Educational Conference of the International Association for Identification, Dallas TX. August 7-13, 2005.

2004

Haber, L. and Haber, R.N., Suggested Prosecution Responses to a Fingerprint Scientist, Presentation to the King County Sheriff Department (including members of the Seattle City Police Department), Seattle, October, 2004.

Haber, L. & Haber, R.N. Cognitive contaminants in the fingerprint comparison process. Invited colloquium, Department of Criminology, Law and Society, University of California at Irvine, Irvine, CA, October, 2004.

Haber, R.N., & Haber, L. Risk to innocents from erroneous eyewitness identifications in lineups. Invited colloquium, Department of Criminology, Law and Society, University of California at Irvine, Irvine, CA, October, 2004.

2003

Haber, L., and Haber, R.N., Transformations: Distortions versus Differences in Fingerprint Comparisons. Invited colloquium, Department of Criminology, Law and Society, the University of California at Irvine, December, 2003.

Haber, R.N., and Haber, L., Face Perception: the Identification of Strangers. Invited colloquium, Department of Criminology, Law and Society, the University of California at Irvine, December, 2003.

Haber, L., & Haber, R.N. Transformations: Theoretical components of fingerprint comparisons. Paper presented at the Annual Convention of the Psychonomics Society, Vancouver, BC, November, 2003.

Haber, R.N., & Haber, L. Identification of Strangers: Theoretical components and empirical evidence. Paper presented at the Annual Convention of the Psychonomics Society, Vancouver, BC., November, 2003.

Haber, L., & Haber, R.N.. Can the Legal System Justify Using Fingerprint Evidence? Research on Error Rates. Invited address to the California Association of Licensed Investigators, Sacramento, March 20, 2003.

Haber, R.N., & Haber, L. Can the Legal System Justify Using Eyewitness Evidence? Research on Error Rates. Invited address to the California Association of Licensed Investigators, Sacramento, March 20, 2003.

2002

Haber, L, and Haber, R.N., Research Needed in Latent Fingerprint Comparison, Presentation to the fingerprint examiners in the Crime Laboratory of the Los Angeles Sheriff's Department, Los Angeles, CA. March, 2002.

2001

Haber, R.N., & Haber, L. Eyewitness evidence in accident claims processing. Invited presentation at the Combined Claims Conference, City of Industry, California, March, 2001

Haber, L., & Haber, R.N. Reliability of expert testimony based on fingerprint evidence. Paper presented at the Annual Meeting of the Psychonomics Society, Orlando, Florida, November, 2001.

Haber, L., & Haber, R.N. A meta-analysis of research on lineup identification accuracy. Paper presented at the Annual Convention of the Psychonomics Society, Orlando, Florida, November, 2001.

2000

Haber, R.N., & Haber, L. Memory and eyewitness reliability. Invited presentation at the Lawyers and Judges Accident Reconstruction and Litigation Conference, Las Vegas, California, February, 2000.

Haber, R.N., & Haber, L. Eyewitness evidence in accident claims processing. Invited presentation at the Combined Claims Conference, City of Industry, CA, March 18-19, 2001.

Haber, R.N., & Haber, L. A meta-analysis of 250 research studies on the accuracy of lineup identifications made by eyewitnesses. Paper presented at the Annual Convention of the Psychonomics Society, Orlando, Florida, November, 2001

Haber, L., & Haber, R.N. Reliability expert testimony based on fingerprint evidence. Paper presented at the Annual Convention of the Psychonomics Society, Orlando, Florida, November, 2001.

1999

Haber, R.N., & Haber, L. Utilization of anthropometric variability data to insure the best fit at the least manufacturing cost. Society of Automotive Engineers CAESAR Conference, San Francisco, February, 1999.

Haber, R.N., & Haber, L. How accurate is eyewitness testimony: what do scientists know and what to juries know. Invited presentation to the High Desert Criminal Bar Association meeting, October, 1999.

1998

Haber, R.N., & Haber, L. False positive rates for eyewitness identifications: too high? Paper presented at the Annual Conference of the Psychonomics Society, Dallas, November, 1998.

Haber, L., & Haber, R.N. Two case studies supporting instances of recovered memory. Paper presented at the Annual Conference of the Psychonomics Society, Dallas, November, 1998.

1996

Haber, R.N., Haber, L., & Hughes, B.G. Components of orientation knowledge in navigation performance in the blind. Paper presented at Annual Conference of the American Psychological Society, San Francisco, June, 1996.

Haber, R.N., & Haber L. Antecedent conditions and operational definitions for recovered memory. Paper presented at the Annual Conference of the Psychonomics Society, Chicago, November, 1996.

Haber, L., & Haber, R.N. Orientation and mobility skills in blind and sighted travel. Paper presented at the Annual Meeting of the Psychonomics Society, Chicago, November, 1996.

1995

Haber, R.N., and Haber, L.R. The science of matching products to people when one size fits few. Paper presented at the Annual Conference of the Psychonomics Society, Los Angeles, November, 1995

Westergaard, C.K., Haber, L. R., and Haber, R.N. Extracting categories from time series data: using motor control to predict psychopathology. Paper presented at the Annual Conference of the Psychonomics Society, Los Angeles, November, 1995.

1992

Haber, R.N., and Levin, C.A. The independence of size perception and distance perception. Paper presented at the Annual Conference of the Psychonomics Society, St. Louis, November, 1992.

1991

Haber, R.N., and Haber, L.R. A cognitive task analysis of intelligent vehicle/highway navigation systems. Paper presented at the Annual Conference of the Psychonomics Society, San Francisco, November, 1991.

Haber, L.R., and Haber, R.N. Components of orientation ability in blind travelers. Paper presented at the Annual Conference of the Psychonomics Society, San Francisco, November, 1991.

1990

Haber, R.N. Perceptual and Attentional Components of High Speed Low Altitude Flight. School of Aerospace Medicine, San Antonio, Texas. Short course offered to Air Force Physiologists, January 24, 1990.

Haber, L.R., and Haber, R.N. Spatial representations of autonomous mobile robots. Invited address, Jet Propulsion Laboratories, Pasadena, CA, August, 1990.

Haber, R.N., and Haber, L.R. Why mobile robots need a spatial memory. Invited address to the annual conference of the Society of Photo-Electric Instrumentation Engineers, Boston, November, 1990

Haber, L.R., and Haber, R.N. Measurement of orientation skill in blind travelers. Paper presented at the Annual Conference of the Psychonomics Society, New Orleans, November, 1990.

Haber, R.N. Visual guidance of locomotion: human and robotic. Paper presented at the Annual Conference of the Psychonomics Society, New Orleans, November, 1990.

1989

Haber, R.N. The visual spatial perception of natural (and unnatural) scenes, under natural (and unnatural) viewing conditions. Invited Plenary Address to the SPIE Sensor Fusion II Conference: Man and Machine Solutions. Philadelphia, November, 1989.

1988

Haber, R.N. Revolutionary Discoveries in the Study of Perception. Invited Address, Georgetown University, March, 1988

Haber, R.N., and Haber, L.R. On-Line, real time assessment of complex human performance: problems and solutions. Invited presentation, Distinguished Cognitive Psychology Series, Department of Psychology, University of California, Riverside, California, October, 1988.

Levin, C.A., Haber, R.N., Haber, L.R., and Hollyfield, R. Knowledge of the layout of space in blind and sighted persons. Invited paper presented at Annual Orientation and Mobility Convention, Milwaukee, October, 1988.

Haber, L.R., & Haber, R.N. Train dispatchers: a case study in attentional resources. Paper presented at the Annual Convention of the Psychonomics Society, Chicago, November, 1988.

Haber, R.N., & Haber, L.R. Comparison of spatial layout knowledge in the sighted and blind. Paper presented at the Annual Convention of the Psychonomics Society, Chicago, November, 1988.

Levin, C.A., Haber, L.R., Haber, R.N., and Hollyfield, R. Acquisition of spatial knowledge in the blind. Invited paper at the Annual Illinois Vision Conference, Chicago, November, 1988.

1987

Haber, R.N., and Haber, L.R. Simulation and Training. Invited presentation at the Ninth Annual Carmel Workshop on Workload and Training and Individual Differences. Carmel, CA, January, 1987
Haber, R.N., and Haber, L.R. On-line assessment of locomotive engineers: implications for safety. Invited presentation at the Federal Railway Administration, Washington, DC, March, 1987.

1986

Haber, R.N. Theories of pictorial representation. Invited address at the Symposium on Photography, Art, and Perception, Ohio State University, February, 1986.
Haber, R.N. Low altitude flying. Invited colloquium, University of Wisconsin at Madison, April, 1986.
Haber, R.N., & Przeorek, J. Effects of viewer's position on perceived layout of visual space. Paper presented at the Psychonomics Society Convention, New Orleans, Nov, 1986.
Haber, R.N. Measurement of human performance. Invited Colloquium, University of Virginia, Charlottesville, Virginia, November, 1986.

1985

Haber, R. N. Form and space perception during night vision. Paper presented at the Conference on Night Vision, Brooks Air Force Base, Texas, October, 1985.
Haber, R. N., and Haber, L. R. A case study: automatic and controlled attention: subway motormen and controllers. Paper presented at the Psychonomics Society Convention, Boston, November, 1985.
Haber, R. N., Radgowski, C., & Paaswell, R. A database of demographic characteristics of freight locomotive engineers. Final report submitted to the Federal Railway Administration, U.S. Department of Transportation, December, 1985.
Radgowski, C., Haber, R.N., & Paaswell, R. Performance of freight locomotive engineers as assessed in a simulated locomotive and by in-cab recordings. Final report submitted to the Federal Railway Administration, U.S. Department of Transportation, December, 1985.

1984

Haber, R. N. The processing of vector, altitude and range information during low altitude flight: interactions with mission and task demands. Symposium presentation at the Ninth Symposium on Psychology in the Department of Defense, held at the United States Air Force Academy, Colorado Springs, April, 1984.
Haber, R. N. Don't hit a widow-maker! Perceptual and attentional factors in piloting jet fighters. Invited address, Midwestern Psychological Association meeting, Chicago, May, 1984.
Haber, R. N. The perceptual layout of visual space. Presentation at the Workshop on Human and Machine Vision II, Montreal, Canada, August, 1984.
Appelle, S., Davidson, P. W., and Haber, R. N. Braille reading improves when the left hand joins the right. Paper presented at the American Psychological Association Convention, Toronto, August, 1984.
Haber, R. N. The control of mobility by perceived spatial layout: application of sighted to blind travelers. Presentation at the NATO Interdisciplinary conference on Visual Prostheses for the Blind, University of California at Riverside, Sept., 1984.
Haber, R. N. Is perception or attention at fault in low altitude plane crashes. Paper presented at the Psychonomics Society Annual Convention, San Antonio, November, 1984.

1983

Haber, R. N., and Toyne, R. We perceive the layout of space, not the distance of objects. Paper presented at the Psychonomics Society Convention, San Diego, California, November, 1983.
Haber, L. R., Haber, R. N. What are the spelling rules of English? Paper presented at the Psychonomics society Convention, San Diego, California, November, 1983.

1982

Haber, R. N. An overview of visual factors in flying and crashing. Invited address presented at the Conference on Visual Factors in Military Aircraft Mishaps. U.S. Air Force School of Aerospace Medicine, Brooks AFB, San Antonio, February, 1982.

Haber, R. N. Memory: man's personal historian: just how good is it? Invited address at the Sesquicentennial Celebration, Wesleyan University, April, 1982.

Davidson, P. W., Haber, R. N., and Appelle, S. Micromovements of the fingers in Braille reading. Paper presented at the Psychonomics Society Convention, Minneapolis, Nov. 1982.

Haber, R. N. David McClelland's experimental aesthetics program. In Robert C. Birney and Abigail Steward (Editors), Being a set of reminiscences about David McClelland. Unpublished document, 1982.

1981

Mio, J. S., Haber, R. N. and Shapiro, J. An analysis-by-synthesis investigation of the reading of scripts. Paper presented at the Annual Convention of the American psychological Association, Los Angeles, Sept., 1981.

Haber, R. N. Is the eye sufficient for vision? Invited paper presented at the Image Generation and Display Conference II, Scottsdale, Arizona, June, 1981.

Haber, R. N. The artful science of perception. Invited address to the Midland Arts Council, Midland Michigan Museum, March, 1981.

Haber, R. N. Visual imagery is fundamentally visual. Keynote address, Fifth Annual American Imagery Conference, Chicago, October, 1981.

Haber, R. N. Testing theories of space perception by simulating space. Paper presented at the Annual Convention of the Psychonomics Society, Philadelphia, November, 1981.

1980

Davidson, P. W., Valenti, D., Reuter, S., Wiles-Kettenmann, M., Haber, R. N. and Appelle, S. Some functions of reading by hand. Symposium presentation at the American Psychological Association Annual Convention, Montreal, Sept., 1980.

Haber, R. N., and Davidson, P. W. Do Braille readers make saccades and fixations? Paper presented at the Psychonomics Society Annual Convention, St. Louis, November, 1980.

Haber, R. N. The validity of eye witness testimony. Invited address presented at the Evidence/Decision Making Seminar, Illinois Judicial Conference, Urbana, November, 1980.

1979

Haber, R. N. Perception as information Processing. Invited address to the American psychological Association Convention, New York, Sept. 1979.

Haber, L. R., and Haber, R. N. Acquisition of spelling rules by children. Paper presented at the Annual Convention of the Psychonomics Society, Phoenix, November, 1979.

1978

Davidson, P. W., Kettenmann, M. W., Haber, R. N., and Appelle, S. Relations between handmovements and reading accuracy and comprehension of braille by the blind. Paper presented at the Eastern psychological Association Annual Convention, Washington, D.C. April, 1978.

Haber, R. N. Leonardo: our first theorist on the perception of pictures. Invited address at the First Interdisciplinary Conference on Pictorial Processing. Philadelphia Museum of Art, April 1978.

Haber, L. R. and Haber, R. N. Acquisition of spelling rules and learning to read. Paper presented at the First International Congress for the Study of Child Language. Tokyo, August, 1978.

Haber, R. N. Visual perception. Paper presented at Conference on the Interrelation of the Communicative Senses, Asilomar, California, September 1978.

Haber, L. R. and Haber, R. N. Does silent reading involve articulation: evidence from tongue twisters. Paper presented at the Annual Convention of the Psychonomic society, San Antonio, November, 1978.

1977

Haber, R. N. Current status of research on Eidetic Imagery. Symposium Chairman, American Psychological Association, Annual Convention, San Francisco, August 1977.

Haber, R. N. Extracting the layout of space from pictures: theoretical problems and practical solutions. Invited address to the Society of Photographic Scientists and Engineers, Rochester, New York, October 1977.

Haber, R. N. and Haber, L.R. Word length and word shape as sources of information in reading. Paper presented at the Psychonomic Society Annual Convention, Washington, D.C., November 1977.

Haber, R. N. (Ed.) Perception of form, object and scene. Summaries of the Eleventh Annual Symposium of the Center for Visual Science, held at the University of Rochester, June 16-18, 1977.

1976

Haber, R. N. How readers can extract meaning before letter and words. Paper presented at the Psychonomics Society Annual Convention, St. Louis, November 1976.

1975

Haber, R. N. and Haber, L. R. The perception of sentences: A linguistic and perceptual analysis. Paper presented at the First Annual Meeting of the Berkeley Linguistic Society, Berkeley, February 1975.

Haber, R. N. and Haber, L. R. What Language do Approximations to English Approximate? Paper presented at the Psychonomics Society Annual Convention, Denver, November 1975.

Haber, R. N. Probing the mind's eye: an autobiographical account. Principal invited address to the Tenth Annual Undergraduate Psychological Research Conference, Ithaca, New York, April 1975.

1974

Haber, R. N. Eyemovements in reading. Invited discussant at Conference on Eye Movements, sponsored by The Human Engineering Laboratories and The National Academy of Science, Princeton, April, 1974.

Haber, R. N. Measuring eye movements during reading. Presentation at the National Institute of Education Taskforce on Eye Movements and Reading Sam Gibbon, Chairman, Columbia, Maryland, June, 1974.

Haber, R. N. and Carter, C. Time, space and the interpretation of form. Paper presented at the Psychonomic Society Convention, Boston, November, 1974.

Haber, R. N. and Kypriotaki, L. Sounding Nice: fowths, fawths, fowth and fowthes: Variations in English Plural Formation. Paper presented at the third annual Convention on New Ways of Analyzing Variation in English. Georgetown, November, 1974.

1973

Haber, R. N. Perception and reading. Symposium on the Role of Language and Perceptual Development in the Acquisition of Reading. Discussant at the Society for Research in Child Development Convention, Philadelphia, March 1973.

Cole, R. A., Haber, R. N., and Sales B. D. What's in a name? Name matches have visual components. Paper presented at the American Psychological Association Convention, Montreal, August 1973.

Haber, R. N. Scanning-shifting the point of attention without shifting the point of fixation. Paper presented at the Psychonomic Society Convention, St. Louis, November 1973.

1972

Haber, R. N. Invited lecturer at the International Reading Association Conference on Reading, University of California at Santa Cruz, July 24-31, 1972.

Haber, R. N. Perceptual memory for pictures -- do we use words, images, or both? Paper presented at the International Congress of Psychology Convention, Tokyo, August, 1972. International Congress of Psychology Abstract Guide of the Science Council of Japan. 1972, p. 418.

Haber, R. N. The perceptual components of reading. Invited address at the Annual Convention of the American Psychological Association, Honolulu, August, 1972.

Haber, R. N. An alphanumeric display program for a POP-8. DECUS Program Library, No. 8-514, Digital Equipment Corporation, 1972.

1971

Haber, R. N. Extraction of information from briefly presented displays. Paper presented to the British Experimental Psychology Society. London, January, 1971.

Haber, R. N. High speed information processing visual perception. Invited presentation before the British Psychological Society Annual Convention, Exeter, England, April, 1971.

Haber, R. N. constructive processes in attention. Invited address at Conference on Attention, State University of New York, College of Cortland, October 8-9, 1971.

Haber, R. N. The speed of perception: how fast is fast? Paper presented at the Psychonomic Society meeting, St. Louis, November 11, 1971.

1970

Haber, R. N., Standing, L. S., and Boss, J. Rates of extraction of information from briefly presented displays. Paper presented at the Eastern Psychological Association Convention, Atlantic City, April, 1970.

Haber, R. N. How we remember what we see. Invited address, Lake Ontario Visionary Establishment (LOVE), March 6, 1970, Niagraw Falls, N.Y.

Haber, R.N. Representation and processing of information from brief visual displays. Invited paper delivered to the National Academy of Science- National Research Council committee on Vision. Annual meeting, Washington, D.C., May 1970.

Haber, R. N. Where are the visions in visual perception. Invited address Imagery Conference, City College of the City University of New York, June 5, 1970.

Haber, R. N. Recent research on information processing approaches to visual perception. Invited Lecture Series, State University of New York at Buffalo, July, 1970.

1969

Cole, R. A., Sales, B. D., and Haber, R. N. Distinctive features in short-term memory. Paper presented at the Western Psychological Association Convention, Vancouver, June, 1969.

Haber, R. N. Extraction of information from short-term visual memory. Invited address presented at EVIL (Eastern Verbal Investigator's League) Conference, April, 1969, in New Haven.

Haber, R. N. Discussant of papers at Conference on Visual Literacy, Rochester, N.Y., March 23-27, 1969.

Haber, R. N. How we remember what we see. Distinguished Lecturer Series, Institute for Child Development, University of Minnesota, October 29-30, 1969.

Haber, R. N. Extraction of information from briefly presented visual forms. Invited presentation at Symposium on Pattern Perception, American Association for the Advancement of Science Convention, Boston, December, 1969.

1967

Haber, R. N., and Dainoff, M. How much help does repetition give to recognition processes? Paper presented at the Eastern Psychological Association Convention, Boston, 1967.

Haber, R. N. On-line computer usage in psychological research. Paper presented at the Symposium on the Impact of Computer Science on Psychology, Canadian Psychological Association Convention, Ottawa, May, 1967.

Nathanson, L. S., and Haber, R. N. Condensed visual images - post-retinal storage or poor temporal resolution? Paper presented at the Maryland State Psychological Association Convention, Baltimore, April, 1967.

1966

Haber, R. N. Eidetic imagery in children. Report of research given at the Project Literacy conference, Cornell University, 1966.

Haber, R. N. Perceptual processes and general cognitive activity. Invited paper at the Second Annual Conference of the Learning Research and Development Center, University of Pittsburgh, 1966.

Haber, R. N. Perceptual recognition: the direct effect of repetition, duration, frequency, and prior knowledge. Paper presented at the Psychonomic Society Convention, St. Louis, 1966.

Haber, R. N. Eidetic Imagery in children. Project Literacy Reports, 1966, No. 7. Ithaca: Cornell University, 38-49.

1964

Haber, R. N. Word recognition processes under conditions of complete stimulus specification. American Psychologist, 1964, 19, 526 (abst.) Paper presented at the American Psychological Association Convention, Los Angeles, 1964.

Haber, R. B., and Haber, R. N. The prevalence of eidetic imagery among school children. American Psychologist, 1964, 19, 562 (abst.) Paper presented at the American Psychol Assoc Convention, Los Angeles, 1964.

Haber, R. N. Eidetic imagery in children. Report of research given at the First Project Literacy Conference, Dedham Mass., 1964.

Haber, R. N. Repetition as a determinant of perceptual recognition processes. Paper presented at the Symposium on Models for the Perception of Speech and Visual Form. Boston, 1964.

Haber, R. N., and Hershenson, M. The development of a percept from repeated exposures alone. Paper presented at the Eastern Psychological Association Convention, Philadelphia, 1964.

Haber, R. N. Eidetic Imagery in children. Project Literacy Reports, 1964, No. 1. Ithaca: Cornell University, 23-25.

1963

Haber, R. N. The effect of encoding on perceptual memory. American Psychology, 1963, 18, 472 (abst.) Paper presented at the American Psychological Association Convention, Philadelphia, 1963.

1959

Haber, R. N. Variations in the teaching and learning of statistics in an introductory Psychology course. American Psychologist, 1959, 14, 414 (abst.) Paper presented at the Amer Psych Assoc Convention, Cincinnati.

Haber, R. N. Can students learn statistics? Unpublished paper, 1959

1958

Alpert, R., and Haber, R. N. Anxiety in academic achievement situations. American Psychologist, 1958, 13, 325 (abst.) Paper presented at American Psychological Association Convention, Washington, 1958.

Haber, R. N. Antecedent sensory conditions for the arousal of affect. American Psychologist, 1958, 13, 334 (abst.) paper presented at the American Psychological Association Convention, Washington, 1958.

1957

Haber, R. N. Subliminal perception and subliminal advertising. Invited paper presented before California state public Health Association Convention, San Francisco, 1957.

Haber, R. N. The prediction of achievement behavior by an interaction of achievement motivation and achievement stress. Unpublished Ph.D. dissertation, Stanford University, 1957.

1956

Haber, R. N., and Alpert, R. TAT measurement of achievement motivation in college students. Paper presented at the Western Psychological Association Convention, Monterey, 1956.

1954

Haber, R. N. Sensory antecedents for the arousal of affect. Paper presented at the Connecticut Valley psychological Association Convention, New Haven, 1954.

Haber, R. N. Perceptual antecedent conditions for affective arousal. Unpublished Master's Thesis, Wesleyan University, 1954.