

Curriculum Vitae

Alan Salamy, Ph.D.

Research Psychologist & Adjunct Professor

**Brain Research Center, Department of Psychiatry, Langley Porter Institute
University of California, San Francisco**

Education

Jacksonville University, Jacksonville, Florida Liberal Arts	1960-62
University of Hawaii, Honolulu, Hawaii B.A., Psychology	1962-66
University of Oklahoma, Oklahoma City Ph.D., Biological Psychology	1968-72
University of California, San Francisco Post-Doctoral Fellow, Human Neurophysiology	1972-74

Primary Employment

<u>UNIVERSITY of CALIFORNIA, San Francisco</u> Research Psychologist,	1983-99
Adjunct Professor, Psychiatry	1983-99
Adjunct Professor, Pediatrics	1989-99
Associate Adjunct Professor, Psychiatry	1980-83
Associate Research Psychologist	1977-83
Staff Psychologist	1974-77
Assistant Research Psychologist	1974-77
Lecturer, Graduate Group in Psychology	1974-77
Postdoctoral Fellow, Interdisciplinary Training Program	1972-74
<u>UNIVERSITY of OKLAHOMA</u> Research Assistant, EEG-Evoked Potential Laboratory	1968-72
<u>UNIVERSITY of HAWAII</u> Research Assistant, Newborn Psychological Research Laboratory	1965-67

Ancillary Positions

Faculty, Graduate Program, Speech and Hearing Sciences, Department of Otolaryngology, UCSF	1987-92
Scientific Director, Infant Hearing Assessment Foundation	1981-85
Instructor, University of California Extension (Davis, Berkeley, Santa Cruz)	1975-78

Honors

Omicron Delta Kappa National Honor Society	1966
NDEA Predoctoral Fellowship	1968-71
ITP Postdoctoral Fellowship	1972-74

Research Grant Awards*Extramural*

Far-Field Potentials in Brainstem Maldevelopment, NIH Principal Investigator	1977-80
Neurophysiological and Cognitive Assessment of Low Birthweight Infants, March of Dimes, Birth Defects, Foundation, Principal Investigator	1979-83
Myelination Defect-Lipid Metabolism and EEG Abnormality, NIH Co-investigator	1979-82
Neurophysiological Studies on Reading Disability, NIH Consultant	1978-81
Complications and Sequelae of Alveolar Instability and its Treatment, Project Center Grant, NIH, Investigator	1978-81
Radiation Sensitizer Neurotoxicity: Experimental and Clinical, NIH Co-investigator	1981-83
Prevention and Treatment of Participating Respiratory Distress, Central Nervous System and Respiratory Development in Infants Treated with Exosurf, NIH (SCOR), Investigator	1981-86
Detection of Medical Illness in California State Hospital Psychiatric Patients, Neurophysiological Assessment of Acute Psychiatric Admissions, Department of Mental Hygiene, Investigator	1982-83
Neurophysiological and Cognitive Assessment of Very Low Birthweight Infants, March of Dimes, Birth Defects Foundation Principal Investigator	1983-85
Neurodevelopment of Very Low Birthweight Infants, NIH Principal Investigator	1983-86
Commissural Transmission and Learning Deficits in High Risk Children March of Dimes, Birth Defects Foundation, Principal Investigator	1985-87
Brain Electrical Events in the PD-APP Mutant Mouse Alzheimer's Association, Principal Investigator	1997-99

Intramural

Commissural Transfer of Information, Biomedical Research Support Grant. Principal Investigator	1978-79
Neurophysiological Assessment of Developmentally Disabled Children Biomedical Research Support Grant. Principal Investigator	1979-80
Electrophysiological Assessment of Brainstem Maturation and Function Academic Senate. Principal Investigator	1981-82

The Effects of RDS and its Treatment on CNS Development, Biomedical Research Support Grant. Principal Investigator	1982-83
Detection of Abnormalities in Respiratory Control, Academic Senate Principal Investigator	1985-86
Ototoxicity in the Preterm Infant, Biomedical Research Support Grant Principal Investigator	1987-88
CNS Function and Development in Cocaine Exposed Infants Biomedical Research Support Grant. Principal Investigator	1989-90
Brain Electrical Mapping in Developmentally Disabled Individuals, Department of Developmental Services. Principal Investigator	1989-90
Effects of Cocaine On BTT and Myelin Content In The Rat, Biomedical Research Support Grant. Principal Investigator	1990-91
Topographical Brain Mapping in High Risk Children, Biomedical Research Support Grant. Principal Investigator	1992

Memberships

Society for Neuroscience
 American Association for the Advancement of Science
 Society for Research in Child Development
 New York Academy of Science
 Society for Psychophysiological Research
 American Speech, Language and Hearing Association
 American Auditory Society
 International Brain Research Organization
 American Psychological Association
 Western Psychological Association
 Southwestern Psychological Association

Public Service

Behavior Therapy Institute, Board of Directors	1975-78
Letterman Army Medical Center, Consultant, Neurology	1977-79
University of Washington, Consultant	1978
San Francisco Speech and Hearing Center, Consultant	1979
State Department of Health, Division of Maternal and Infant Care, Conference on Newborn Hearing Screening, Participant	1979
National Institute of Mental Health, Referee	1979
National Institutes of Health Workshop, Noninvasive Methods, Infant Hearing Assessment Foundation, Chairman, Advisory Committee	1980
State Department of Health, California, Children's Service, Ad Hoc Committee	1982-85
Metraco Diagnostics, Scientific Consultant	1983-84
Walden University, Self Study, Adjunct Faculty	1984-88
Walden University, Self Study, Adjunct Faculty	1984-91
Infant Hearing Assessment Foundation, Board of Directors	1985-91
Infant Hearing Foundation, Scientific Advisor	1985-91
Joint Committee on Infant Hearing, Consultant	1990
Sonoma Developmental Center, Research Committee	1991
New York Academy of Sciences, Review Committee	1991
National Institutes of Health, Alternative Medicine Branch, consultant	1993

University Service

Ad Hoc Qualifying Examination Committees, Graduate Group in Psychology	1975-85
Ad Hoc Dissertation Committees, Graduate Group in Psychology	1975-85
Advisory Committee, Advanced Track, Graduate Group in Psychology	1977
Pediatric Follow-up Clinic, Participating Faculty	1979-94
Biomedical Research Support Grant Review Committee	1980-83
Department of Neurosurgery, Consultant	1982
Pediatric Out-Reach Program, Participating Faculty	1982-91
Speech and Hearing Sciences Graduate Program, Participating Faculty	1986-92
Ad Hoc Interviewer, Candidate Selection Committee, Speech and Hearing Sciences Program	1987-88
Ad Hoc Peer Review Committee, Vice Chancellor of Academic Affairs	1988-90
Brain Behavior Research Center, Executive Committee	1992-94

Education Service

Oral Qualifying Exam Committee, UCSF, Sarah Chuang, Speech and Hearing Sciences Graduate Program	1992
Dissertation Committee, UCSF, William Toscano, Health Psychology	1994

Formal Teaching

<u>UCSF</u> Psychology Graduate Program, instructor, co-instructor. Course Nos., Psy450, 250, 350, 232, 442, dissertation and qualification exam committees	1975-85
Speech and Hearing Sciences Graduate Program, lecturer. Course Nos., SHS220, 212, 213	1988-92
<u>SFSU</u> Graduate Program In Developmental Psychology, instructor field study program, Course No., Psy839	1980-84

Clinical Service

Pediatric Follow-Up Program,	1974-93
Well Baby Nursery, Infant Hearing Screening Program	1980-88
Intensive Care Nursery, Infant Hearing Screening Program	1981-97
Pediatric Out-Reach Clinic	1982-91
Mt Zion Medical Center, ABR services	1988-97
San Francisco General Hospital, ABR consulting services	1994-97

Grant Review Service

National Institute of Mental Health, ad hoc Referee	1979-81
Thresher Foundation, ad hoc Referee	1980-82
March of Dimes Birth Defects Foundation, ad hoc Referee	1981-90
National Institute on Drug Abuse, Special Review Group, Committee on Human Development Research, ad hoc Member and Chairman	1989-96
National Institute on Deafness and Other Communication Disorders Advisory Consultant, Review Team	1992
National Institute on Alcohol Abuse and Alcoholism, Neuroscience Behavior Subcommittee, ad hoc Member and Chairman	1995-97

Editorial Service

Developmental Psychology	ad hoc Reviewer
Electroencephalography and Clinical Neurophysiology	ad hoc Editor
Ear and Hearing	ad hoc Reviewer
Early Human Development	ad hoc Reviewer
The Journal of Pediatrics	ad hoc Reviewer
Psychophysiology	Associate Editor
Science	ad hoc Reviewer
Child Development	Associate Editor
Journal of Speech and Hearing Research	Associate Editor
Pharmacology, Biochemistry and Behavior	ad hoc Reviewer
Pediatrics	ad hoc Reviewer
Acta Paediatrica	ad hoc Reviewer
Developmental Neuropsychology	ad hoc Reviewer
Archives of Pediatric and Adolescent Medicine	ad hoc Reviewer

Publications (*Journal Articles*)

- Salamy, A and Williams, HL. (1973) The effects of alcohol on sensory evoked and spontaneous cerebral potentials in man, *Electroencephalography and Clinical Neurophysiology*, 35, 3-11.
- Salamy, A. (1973) The effects of alcohol on the variability of the human evoked, response, *Neuropharmacology*, 12, 1103-1107.
- Salamy, A, Butler, PE, McFarland, JC and Hargreaves, WA. (1973) The relationship between discrete and ongoing cerebral events, *Physiological Psychology*, 1, 327-329.
- Salamy, A. (1973) Reliability of electroencephalographic parameters in predicting the amplitude of the average evoked response, *Biological Psychology Bulletin*, 2, 29-35.
- Salamy, A. (1974) Validity of neuroelectric variables in predicting the average evoked potential, *Psychophysiology*, 11, 361-364.
- Salamy, A, McKean, CM and Buda, F. (1975) Maturational changes in auditory transmission as reflected in human brainstem potentials, *Brain Research*, 96, 361-366.
- Butler, PE and Salamy, A. (1975) Elimination of a conditioned muscle spasm by external inhibition by an electric vibrator, *Journal of Behavior Therapy and Experimental Psychiatry*, 6, 159-161.
- Salamy, A and McKean, CM. (1976) Postnatal development of human brainstem potentials during the first year of life, *Electroencephalography and Clinical Neurophysiology*, 40, 418-426.
- Salamy, A and McKean, CM. (1977) Habituation and dishabituation of cortical and brainstem evoked potentials, *International Journal of Neuroscience*, 7, 175-182.
- Salamy, A, McKean, CM, Pettett, G and Mendelson, T. (1978) Auditory brainstem recovery processes from birth to adulthood, *Psychophysiology*, 15, 214-220.
- Salamy, A. (1978) Commissural transmission: Maturational changes in humans, *Science*, 200, 1409-1411.
- Bhargava, VK, Salamy, A and McKean, CM. (1978) Effect of cholinergic drugs on the brainstem far field auditory evoked potential (FFP), *Neuroscience*, 3, 821-826.
- Salamy, A, Birtley-Fenn, C and Bronshvag, M. (1978) Ontogenesis of human brainstem evoked potential amplitude, *Developmental Psychobiology*, 12, 519-526.
- Bhargava, VK, Salamy, A and McKean, CM. (1978) Effect of cholinergic drugs on the cortical auditory evoked response (CER) in rats, *Neuropharmacology*, 17, 1009-1013.
- Mendelson, T, Salamy, A, Lenoir M and McKean, CM. (1979) Brainstem evoked potential findings in children with otitis media, *Archives of Otolaryngology*, 105, 17-20

- Amochaev, A and Salamy, A. (1979) Stability of EEG laterality effects, *Psychophysiology*, 16, 242-246.
- Gardi, J, Salamy, A and Mendelson, T. (1979) Scalp-recorded frequency following responses in neonates, *Audiology*, 18, 494-506.
- Amochaev, A, Johnson, RC, Salamy, A and Shah, SN. (1979) Brainstem auditory evoked potentials and myelin changes in triethylene induced edema in young adult rats, *Experimental Neurology*, 66, 629-635.
- Salamy, A. (1979) Commissural transmission in Humans, *Science*, 204, 530-531.
- Salamy, A, Mendelson, T, Tooley, WH and Chaplin, ER. (1980) Contrasts in brainstem function between normal and high risk infants in early postnatal life, *Early Human Development*, 4, 179-185.
- Salamy, A, Mendelson, T, Tooley, WH and Chaplin, ER. (1980) Differential development of brainstem potentials in healthy and high risk infants, *Science*, 210, 553-555.
- Shah, SN and Salamy, A. (1980) Auditory evoked far-field potentials in myelin deficient mutant quaking mice, *Neuroscience*, 5, 2321-2323.
- Mendelson, T and Salamy, A. (1981) Age effects on the middle components of the average electroencephalic response, *Journal of Speech and Hearing Research*, 56, 140-146.
- Salamy, A. (1981) The theoretical distribution of evoked brainstem activity in preterm, high risk and healthy infants, *Child Development*, 52, 752-754.
- Hosford-Dunn, H, Mendelson, T and Salamy, A. (1981) Binaural interactions in the short latency evoked potentials in the neonate, *Audiology*, 20, 394-408.
- Bhargava, VK, Salamy, A and Shah, SN. (1981) Role of serotonin in the nicotine induced depression of the brainstem auditory evoked potential, *Pharmacology Biochemistry and Behavior*, 15, 587-589.
- Salamy, A, Mendelson, T and Tooley, WH. (1982) Developmental profiles for the brainstem auditory evoked potential, *Early Human Development*, 6, (4) 331-339.
- Salamy, A, Somerville, G and Patterson, D. (1982) The infant hearing assessment program, *Hearing Journal*, 35, 10-12.
- Salamy, A, Amochaev, A and Somerville, G. (1983) The IHAF screening device, *Hearing Instruments*, 34, 16-18.
- Salamy, A and Amochaev, A. (1984) A practical approach to hearing screening of the newborn and at risk infant, *Seminars in Hearing*, 5 (1), 39-47.
- Salamy, A. (1984) Maturation of the auditory brainstem response from birth through early childhood, *Journal of Clinical Neurophysiology*, 1 (3), 293-329.
- Edwards, M, Gordon, D, Salamy, A, Levin, V and Phillips, T. (1984) Misonidazole neurotoxicity in rats: Part II Effect of pre and intermittent treatment with pentobarbital on misonidazole neurotoxicity in the rat, *Journal of Neuro-Oncology*, 2, 95-98.
- Shah, SN and Salamy, A. (1984) Failure of 5-hydroxy-tryptophan to modulate brainstem auditory evoked responses in myelin deficient mutant qk mice, *Experimental Neurology*, 86, 160-164.
- Salamy, A, Eldredge, L and Wakeley, A. (1985) Maturation of contralateral brainstem responses in preterm infants, *Electroencephalography and Clinical Neurophysiology*, 62, 117-123.
- Eldredge, L and Salamy, A. (1988) Neurobehavioral and neurophysiological assessment of healthy and "at risk" full term infants. *Child Development*, 58, 186-192

- Eggermont, JJ and Salamy, A. (1988) Maturation time course for the ABR in preterm and full term infants. *Hearing Research*, 33, 35-48.
- Salamy, A, Davis, S, Eldredge, L, Wakeley, A and Tooley, WH. (1988) Neonatal Status: An Objective Scoring Method For Identifying Infants At Risk For Poor Outcome. *Early Human Development*, 17, 223-243.
- Eggermont, JJ and Salamy, A. (1988) Development of ABR parameters in a preterm and a term born population. *Ear and Hearing*, 9, 283-289.
- Salamy, A, Eldredge, L and Tooley, WH. (1988) Neonatal status and hearing loss in high risk infants. *Journal of Pediatrics*, 114, 847-852.
- Amochaev, A, Salamy, A, Alvarez, W and Peeke, H. (1989) Topographic mapping and habituation of event related EEG alpha desynchronization. *International Journal of Neuroscience*, 49, 151-155.
- Salamy, A, Eldredge, L, Anderson, J and Bull, D. (1990) Brainstem transmission time in infants exposed to cocaine in utero. *The Journal of Pediatrics*, 117, 626-629.
- Peeke, HVS, Salamy, A, Alvarez, W and Amochaev, A. (1990) Topographic mapping of the EEG alpha rhythm in Down syndrome individuals: Reactivity and habituation. *Brain Dysfunction*, 3, 45-49.
- Salamy, A, Alvarez, W and Peeke, H. (1990) Neurometric evaluation in Down syndrome individuals: Possible implications for dual diagnosis. *Brain Dysfunction*, 3, 50-57.
- Salamy, A and Eldredge, L. (1991) Neonatal risk and hearing loss, *Seminars In Hearing*, 12, 146-153.
- Salamy, A, Dark, K, Salfi, M, Shah, SN and Peeke, HVS. (1992) Perinatal cocaine exposure and functional brainstem development in the rat, *Brain Research*, 598, 307-310.
- Peeke, VS, Dark, KA, Salamy, A, Salfi, M and Shah, SN (1994) Cocaine exposure pre-breeding to weaning: maternal and offspring effects, *Pharmacology Biochemistry and Behavior*, 48, 403-410.
- Salamy, A and Eldredge, L. (1994) Risk for ABR abnormalities in the nursery. *Electroencephalography and Clinical Neurophysiology*, 92, 392-395.
- Salamy, A, Eldredge, L and Sweetow, R. (1996) Transient evoked otoacoustic emissions: feasibility in the nursery, *Ear and Hearing*, 17, 42-48.
- Eldredge, L and Salamy, A, (1996) Functional auditory development in preterm and full term infants. *Early Human Development*, 45, 215-228
- Salamy, A., Fein, G. and Salfi, M. (1997) Sensory gating deficit following cocaine exposure in the rat. *Neuropsychobiology*, 36, 83-87.

Chapters and Other Publications

- Williams, HL and Salamy, A. (1972) Sleep and alcohol. In: B. Kissin and H. Beglieter (Eds.) *Biology of Alcoholism Vol. II. Physiology and Behavior*. New York, Plenum Publishing Co, pp 434-486.
- Salamy, A, (1982) Users Guide for the Synap-I. Infant Hearing Assessment Foundation, Pub.
- Salamy, A. (1984) Guidelines for Implementing An Infant Hearing Screening Program. Infant Hearing Assessment Foundation Pub.

- Salamy, A and Eldredge, L. (1985) Functional development of brainstem structures in healthy and high risk infants. In: P. Ackles, R. Jennings and R. Coles (Eds) *Advances in Psychophysiology, Volume I*. Greenwich, Jai Press Inc, pp219-257.
- Salamy, A and Weyland, C. (1985) Model program VI: An infant hearing assessment foundation Synap program. In E. Swigart (Ed), *Neonatal Hearing Screening*, College-Hill Press, San Diego, pp241-258.
- Maturation of the CNS and Evoked Potentials*, Elsevier Science Publishers, Amsterdam. pp166-171.
- Salamy, A. (1988) Human Neurobehavioral Development, Developmental Research Digest, State of California Department of Developmental Services. 2, 33-36.
- Salamy, A, Eggermont, JJ and Eldredge, L. (1994) Neurodevelopment and auditory function in preterm infants. In: J. Jacobson (Ed), *Principles and Applications of Auditory Evoked Potentials*, Allyn & Bacon.

Abstracts and Papers

- Growth, H, Crowell, DH, Salamy, A and Jardine, P. An exploratory study of neonatal pitch discrimination, Paper presented at Western Psychological Association, (1967), San Francisco.
- Salamy, A and Williams, HL. Reduction of brain potentials following alcohol ingestion in man, Paper presented to American Federation of Clinical Research, (1969), Oklahoma City.
- Salamy, A, Rundell, OH and Williams, HL. The effects of alcohol on the cortical evoked response, Paper presented at Southwest Psychological Association, (1969), Austin.
- Salamy, A. The effects of alcohol upon selected evoked potential and EEG parameters, Paper presented at Western EEG Society, (1972), Portland.
- Buda, F, McKean, CM and Salamy, A. Brainstem evoked potential: Changes with maturation, *Electroencephalography and Clinical Neurophysiology*, (1975) 39, 434
- Salamy, A. Maturation changes in human brainstem auditory function. Symposium: Brain and Misbehavior, Conducted at Western Psychological Association, (1975), Los Angeles.
- Salamy, A and McKean, CM. Developmental and longitudinal changes in brainstem auditory function, *Neuroscience Abstracts* (1975), 1.
- Salamy, A. Differential habituation of cortical and brainstem evoked potentials in man, *Psychophysiology* (1976) 41, 112.
- Bhargava, VK, Salamy, A, Amochaev, A and McKean, CM. Effect of cholinergic drugs on the auditory evoked response from brainstem to auditory cortex, *Neuroscience Abstracts* (1976) 1, 1.
- Salamy, A. A window on the brainstem, Invited address to the Society for Psychophysiological Research, (1978), Madison.
- Salamy, A. Development of transcallosal potentials, *Electroencephalography and Clinical Neurophysiology* (1978) 47, 26p
- Amochaev, A and Salamy, A. Reliability of EEG laterality effects, *Electroencephalography and Clinical Neurophysiology* (1979) 47, 28p.
- Shah, SN, Johnson, RC, Amochaev, A and Salamy, A. Effects of triethylene induced neuropathy on brainstem auditory evoked potentials in rats, *Neuroscience Abstracts* (1978).

- Gardi, J, Salamy, A and Mendelson, T. Auditory evoked frequency following responses in neonates, Paper presented to American Speech, Hearing and Language Association, (1978), San Francisco.
- Mendelson, T, Gardi, J, Ortiz, J and Salamy, A. Peripheral versus central processes as reflected by auditory evoked frequency following and brainstem responses, Paper presented to Society for Neuroscience, (1978), San Francisco.
- Salamy, A. Maturation of brainstem structures. Symposium: The Developing Human Brain, Conducted at Western Psychological Association, (1979), San Diego.
- Salamy, A. Corpus callosum development. Symposium: The Developing Human Brain, Conducted at Western Psychological Association, (1979), San Diego.
- Birtley, C and Salamy, A. Maturation of brainstem evoked potential amplitude, Paper presented at Western Psychological Association, (1978), San Francisco.
- Mendelson, T and Salamy, A. Age effects on middle components of the AER, Paper presented at the Sixth Annual Symposium of the International Evoked Response Study Group, (1979), Santa Barbara.
- Salamy, A. Differential development of brainstem auditory potentials in healthy and high risk infants, American Association for the Advancement of Science, Abstracts, (1980), San Francisco.
- Salamy, A. Transverse and longitudinal changes in brainstem development following high risk birth, Symposium: Brain electrical events in the assessment of developmental problems, Conducted at Western Psychological Association, (1980), Honolulu.
- Salamy, A and Mendelson, T. Age-specific normative profiles for the brainstem auditory evoked potential, *Psychophysiology* (1981) 18, 156.
- Salamy, A, Mendelson, T, Tooley, WH and Chaplin, E. Longitudinal trajectories for the BAEP in high risk and healthy infants, *Psychophysiology* (1981) 18, 156.
- Hosford-Dunn, H, Mendelson, T and Salamy, A. Binaural interactions in the short latency evoked potentials in neonates, Paper presented at the Fourth Midwinter Research Meeting of the Association for Research in Otolaryngology, (1981), St Petersburg.
- Salamy, A. Maturation trends of the ABR in ICU populations, Paper presented at the Colorado Otology-Audiology Workshop, (1983), Aspen.
- Salamy, A, Downs, M and Gerkin, K. Symposium: Recent trends in infant hearing screening, Conducted at the Colorado Otology-Audiology Workshop, (1983), Aspen.
- Glazier, J, Amochaev, A and Salamy, A. Brainstem auditory evoked potentials and central auditory processing in adolescents, Paper presented at California Speech and Hearing Association, (1983), Los Angeles.
- Salamy, A and Eldredge, L. Maturation of contralateral brainstem activity in the human neonate, *Psychophysiology* (1983) 20, 467.
- Salamy, A, Gerkin, K, Weyland, C, Winzelberg, J, Hosford-Dunn, H and Amochaev, A. Hearing screening programs of the ICN, Mini-Seminar conducted for the American Speech, Language and Hearing Association, (1983), Cincinnati.
- Van Raalte, G, Salamy, A, Edwards, M and Eldredge, L. The effects of DMM on the CNS. Paper presented at Conference on Chemical Modifiers of Cancer Treatment, (1983), Banff.

- Shah, SN, Amochaev, A, McCurry, C and Salamy, A. Impaired neurotransmitter modulation of brainstem auditory evoked responses (BAER) in Quaking (qk) mice, Abstracts Society for *Neuroscience* (1984) 10, 895.
- Salamy, A, Eldredge, L and Wakeley, A. Maturation and pathology of the contralateral ABR in infancy, Paper presented to American Speech, Language and Hearing Association, (1984) San Francisco.
- Salamy, A. Electrophysiological determination of infant hearing loss, Paper presented to Arkansas Department of Health Conference on The high risk hearing impaired infant: identification and management, (1985) Little Rock.
- Salamy, A. Long term audiological and neurological outcome of high risk infants as determined by the ABR, Paper presented to New Mexico State Hospital, Workshop on the use of electrophysiological techniques for infant assessment, (1985) Gallop.
- Salamy, A. Brainstem ontogenesis in man, Abstracts International Congress on Maturation of the Central Nervous System and Clinical Applications of Cerebral Evoked Potentials in Children, (1986), Perugia Italy.
- Salamy, A and Eldredge, L. ABR's in the ICN, Research Report. Eighth International Conference on Event-Related Potentials of the Brain (EPIC VIII), (1986), Stanford.
- Salamy, A. Brainstem ontogenesis in humans and its relation to neonatal status: An evoked potential study. Invited Speaker, Department of Psychology, Alberta Heritage Foundation for Medical Research, (1986), Calgary.
- Eggermont, JJ and Salamy, A. Maturation of ABR amplitude and latency for a population of healthy premature born and term born infants and children. Paper presented to International Electric Response Audiometry Study Group, (1987) Charlottesville.
- Salamy, A, Eldredge, L and Tooley, WH. Neonatal status and hearing loss in high risk infants. *Abstracts International*, (1989).
- Salamy, A, Eldredge, L and Tooley, WH. Neonatal status and hearing loss in high risk infants. *Clinical Digest Series*, (1989).
- Salamy, A. Neonatal status and ototoxicity in high risk infants. Invited tutorial on Infant Hearing Screening. American Academy of Audiology, (1990) New Orleans.
- Salamy, A, Eldredge, L, Anderson, J and Bull, D. Effects of cocaine on brainstem transmission time in early life. Abstracts of The American Pediatric Society, (1990).
- Salamy, A, Dark, K, Salfi, M, Shah, SN and Peeke, HVS. Functional brainstem development following perinatal cocaine exposure in the rat. *The FASEB Journal*, Abstracts, Part II (1993).
- Dark, K, Peeke, HVS, Salamy, A, Salfi, M and Shah, SN. Cocaine effect on maternal nutrition and pup development. *The FASEB Journal*, Abstracts, Part I (1993).
- Salamy, A, Eldredge, L and Crutch, C. Probability of ABR deviations, paper presented to the American Association of Audiology, Richmond (1994).
- Salamy, A, Eldredge, L and Crutch, C. Asymmetries in brainstem transmission time in early life, paper presented to the American Association of Audiology, (1994) Richmond.
- Shah, SN, Johnson, RC, Peeke, H, Salfi, M and Salamy, A. Cocaine cytotoxicity on glial cells in culture, Abstracts, American Association of Neurochemistry (1994).

Salamy, A. Quantitative EEG as an aid in the diagnosis of psychiatric disorders, Symposia, American Psychological Association, Los Angeles (1994).

Tecott, L., Peeke, H., Salamy, A. and Guh, L. The spatial learning deficit and elevated motor activity in 5-HT_{2C} receptor mutant mice. *Society of Neuroscience Abstracts* (1995) 21, 267.

Salamy, A. The impact of neonatal cocaine exposure on communication. *Advance for Speech and Language Pathologists and Audiologists* (1995).

Invited Lectures, Workshops, Addresses

During the past twenty-three years I have conducted numerous special lectures for faculty, fellows and students in the Departments of Psychiatry (LPPI), Pediatrics, Audiology, Otolaryngology and the Cardiovascular Research Institute at the University of California as well as several local Medical Centers and Professional facilities including: Letterman Army Medical Center, Mt. Diablo Medical Center, The Bay Area Audiology Group, Oakland Children's Hospital, Mt. Zion Medical Center, Sonoma and Napa State Hospitals etc. In

addition I have been invited to present or take part in seminars, workshops and tutorials throughout the United States and Canada. These include: The University of Washington, Seattle; The University of California, Santa Barbara and Irvine; Bellview Hospital, New York; State Department of Health, Little Rock, Arkansas; The March of Dimes, Birth Defects Foundation telethon, local chapters; The University of Calgary, Department of Psychology; Grand Rounds, Napa State Hospital, Research Forum and Journal Club, Sonoma Developmental Center; Psychoactive-drug Task Force, Sonoma Developmental Center; Department of Developmental Services, Developmental Research Institutes; Clinical Conference of Child and Adolescent Psychiatry, etc.