

## CURRICULUM VITAE

Arthur H. Parmelee, Jr., M.D.

### PERSONAL HISTORY

Date of Birth: October 29, 1917  
Place of Birth: Chicago, Illinois  
Marital Status: Married, four children

### EDUCATION

Oak Park High School, Illinois and Private School,  
Glarisegg Switzerland (2 Years)  
Vanderbilt University (1 Year) 1935-36  
University of Chicago, B.S., 1940  
University of Chicago, M.D., 1943

### PROFESSIONAL TRAINING

Intern, U.S. Naval Hospital, Bethesda, Maryland, 1943-44  
Pediatric Extern, Yale Inst. of Child Devel., April-July, 1947  
Pediatric Resident, New Haven Hospital, July, 1947-July, 1948  
Pediatric Resident, Los Angeles Children's Hospital, 1948-1949  
Diplomate, American Board of Pediatrics, Certified October, 1950

### MILITARY SERVICE

U.S. Naval Medical Corps., April, 1943-April, 1947.

### POSITIONS HELD

Pediatric Private Practice in Pacific Palisades, CA 1949-1952  
Clinical Instructor of Pediatrics, University of Southern California, 1950-1951.  
Instructor of Pediatrics (part time), Univ. of California, Los Angeles, 1951-1952  
Instructor of Pediatrics (full time), Univ. of California, Los Angeles, 1952-1954.  
Assistant Professor of Pediatrics, Univ. of California, Los Angeles, 1954-1959.  
Associate Professor of Pediatrics, Univ. of California, Los Angeles, 1959-1967  
Professor of Pediatrics and Head of Division of Child Development,  
Univ. of California, Los Angeles, 1967-1988  
Professor of Pediatrics, Emeritus, Univ. of California, Los Angeles, 1988  
Consultant to Holy Family Adoption Service, 1949-1980.  
Commonwealth Fellow (Sabbatical Year), 1959-1960, for studies at  
the Centre de Recherches Biologique Neonatales, Clinique  
Obstetricale Baudelocque, Paris, France.  
Consultant, Nat. Inst. of Child Health and Human Development, 1963-1967.  
Visiting Professor Department of Psychology, University of Hawaii, Honolulu,  
Hawaii, Summer Session, 1966.  
Research Professor of Pediatrics, University of Gottingen,  
Gottingen, Germany, August 1967-February 1968, Sabbatical.  
Examiner, American Board of Pediatrics, 1966-1982.  
Member, Brain Research Institute, Univ. of Calif., Los Angeles, 1966-1988.  
Member of the Formal Faculty of the School of Social Service,  
Univ. of California, Los Angeles, 1966-1984  
Member, Mental Retardation Center, Univ. of Calif. Los Angeles, 1970-1988  
Affiliated Faculty member of the Graduate School of Education, Univ. of

California, Los Angeles, 1970-1984  
Member, Board of Trustees, Los Angeles Children's Museum, 1979  
Board of Directors, National Center for Clinical Infant Programs, 1984-present  
Advisory Committee of the Family Resources Coalition, 1984-present.  
Senior Advisor of Pediatrics to the John T. and Katherine D. MacArthur Network  
on the Transition from Infancy to Childhood, 1982-1989.  
Member, Advisory Committee for the National Infant Health and Development  
Program, Robert Wood Johnson Foundation, 1986-1990.  
Scientist, Crump Institute for Medical Engineering, (CIME), Univ. of California,  
Los Angeles, 1986-1987

## HONORS AND AWARDS

Folke Bernadotte Award in Service for the Handicapped, Sweden, 1965  
C. Anderson Aldrich Award in Child Development, American Academy of  
Pediatrics, 1975  
Who's Who in America, 1975  
Distinguished Scientist Lecturer, Department of Physiology, Faculty of Medicine,  
University of Manitoba, Winnipeg, Canada, 1976  
Lula O. Lubchenko Award for Family Health from the Family Care Program of the  
Dept. of Perinatology, The Children's Hospital, Denver, Colorado, 1977  
Perinatology and Neonatology, June 1983, Vol. 7, cover picture and biography  
profile  
Appointed Fellow at the Center for Advanced Study in the Behavioral Sciences,  
Stanford, California for 1984-1985  
International Conference on Infant Studies, April, 1988, Baltimore, A symposium  
in honor of T. Berry Brazelton and Arthur H. Parmelee, Jr.,  
"State, Caregiver Interaction, and Optimal Health"  
Society for Research in Child Development Award for Distinguished Scientific  
Contributions to Child Development 1993  
Society for Developmental and Behavioral Pediatrics Honorary Lectureship, 1996.

## SOCIETIES

Elected: Phi Beta Kappa  
American Pediatric Society  
Society for Pediatric Research  
Western Society for Pediatric Research, Member of  
Council, 1957-1960

Other:

American Academy of Pediatrics,  
Chairman, Section on Child Development, 1966  
Society for Research in Child Development - President,  
1983-1985, Council Member, 1981-1987 Association for the Psychophysiological Study of Sleep  
American Medical Association  
Southwestern Pediatric Society  
Ambulatory Pediatric Association,  
Executive Council Member, 1965-1966

## EDITORIAL SERVICES

Editorial Board, Journal of Developmental and Behavioral Pediatrics,  
1983-1988  
Associate Editor, Child Development, 1964-1978  
Editorial Board, Child Development Monographs, 1983-1985  
Associate Editor, Biology of the Newborn, 1960-1980  
Associate Editor, Infant Behavior and Development, 1978-1984

Advisory Board, Infant Mental Health Journal

Consulting Editor: Pediatrics  
Journal of Pediatrics  
Pediatric Research  
Science  
Infant Behavior and Development  
J. of Electroencephalography & Cl. Neurophysiology  
Child Development

#### NATIONAL COMMITTEES

National Academy of Sciences Committee on Child Development Research and Public Policy, 1977-1981

National Heart, Lung, and Blood Institute of NtH, Policy Data Monitoring Panel for the Clinical Trial on Antenatal Steroid Therapy, 1977-1984

Infant Programs, Washington, D.C., 1984

National Institute of Health Selection Committee for the Director of the National Institute of Child Health and Human Development, 1985

## BIBLIOGRAPHY

Arthur H. Parmelee, Jr. M.D.

1. Parmelee, AH., Jr.: A pediatrician's plan for mental hygiene. *Mental Hygiene*, 38:261-266,1954.
2. Parmelee, AH., Jr.: Health without fear. *California Journal of Elementary Education*, 23:105-108,1954.
3. Parmelee, AH., Jr., Swengel, E., and Adams, J.M.: The family in medical education. *Pediatrics*, 14:387-395, 1954.
4. Parmelee, A.H., Jr.: The developmental evaluation of the blind premature infant. *A.M.A. J. Diseases of Children. Child.*, 90:135-140,1955.
5. Parmelee, A.H., Jr.: Infant speech development: A report of the study of one child by magnetic tape recordings. *Journal of Pediatrics*, 46:447-450, 1955.
6. Parmelee, AH., Jr.: The story of retrolental fibroplasia. *California's Health*, 13:11-13, 1955.
7. Selby, G.W. and Parmelee, AH., Jr.: Bilateral renal agenesis and oligohydramnios. *J. Pediat.*, 48:70-72,1956.
8. Parmelee, AH., Jr., Pilger, I.S., and Austin, W.O.: Retrolental fibroplasia: A reduction in incidence following a decrease in use of oxygen therapy for premature infants. *Calif. Med.*, 84:424-426, 1956.
9. Parmelee, AH., Jr. and Schimmel, B.F.: Absence from school. It's relationship to illness in the community. *Calif. Med.*, 88:144-148,1958.
10. Parmelee, A.H., Jr. and Liverman, L.: The elementary school in medical education. *J. Med. Educ.*, 33:655-660,1958.
11. Parmelee, AH., Jr., Cutsforth, M.G., and Jackson, C.L.: Mental development of children with blindness due to retrolental fibroplasia. *A.M.A. J. Dis. Child.*, 96:641-654,1958.
12. Parmelee, A.H., Jr., Fiske, C.E., and Wright, R.H.: The development of ten children with blindness as a result of retrolental fibroplasia. *AM.A. J. Dis. Child.*, 98:198-220,1959.
13. Parmelee, AH., Jr.: Oxygen therapy for newborn and premature infants. *Quart. Rev. Pediat.*, 14:100-105, 1959.
14. Parmelee, A.H., Jr., Brooks, M.B., and Stone, R.S.: The effect of high oxygen concentrations on the opossum pouch young (*Didelphis virginiana*). *The Anatomical Record.*, 136:73-78, 1960.
15. Parmelee, A.H., Jr., Liverman, L., Kennedy, N., Wilson, M.G., and Call, J.D.: Well baby clinics in the first-year medical curriculum. The family medicine course at the University of California at Los Angeles. *J. Med. Educ.*, 35:675-683,1960.
16. Parmelee, A.H., Jr., Prematurity and illegitimacy. *Amer. J. Obst. & Gyn.*, 81 :81-94, 1961.
17. Lischner, H., Seligman, S.J., Krammer, A, and Parmelee, AH., Jr.: An outbreak of neonatal deaths among term infants associated with administration of chloramphenicol. *J. Pediat.*, 59:21-34,1961.
18. Parmelee, AH., Jr., Schulz, H.R., and Disbrow, M.A.: Sleep patterns of the newborn. *J. Pediat.*, 58:241-250,1961.

19. Parmelee, A.H., Jr.: Sleep patterns in infancy. A study of one infant from birth to eight months of age. *Acta Paediatrica*, 50:160-170, 1961.
20. Parmelee, A.H., Jr., Bruck, K., and Bruck, M.: Activity and inactivity cycles during the sleep of premature infants exposed to neutral temperatures. *Biol. Neonat.*, 4:317-339, 1962.
21. Parmelee, A.H., Jr.: The doctor and the handicapped child. *Children*, 9:189-193, 1962.
22. Parmelee, A.H., Jr.: European neurological studies of the newborn. *Child Development*, 33:169-180, 1962.
23. Bruck, K., Parmelee, A.H., Jr., and Bruck, M.: Neutral temperature range and range of "Thermal comfort" in premature infants. *Biol. Neonat.*, 4:32-51, 1962.
24. Parmelee, A.H. Jr.: Infant crying and neurological diagnosis. Editorial. *J. Pediat.*, 61:801-802, 1962.
25. Parmelee, A.H., Jr.: The hand-mouth reflex of Babkin in premature infants. *Pediatrics*, 31:734-740, 1963.
26. Parmelee, A.H., Jr.: The palmomentary reflex in premature infants. *Develop. Med. & Child Neurol.*, 5:381-387, 1963.
27. Wilson, M.G., Parmelee, A.H., Jr., and Huggins, M.: Prenatal history of infants with birth weights of 1500 grams or less. *J. Pediat.*, 63:1140-1150, 1963.
28. Parmelee, A.H., Jr.: The evaluation of the mental development of blind children. *International Ophthalmology Clinics*, 3:885-896, 1963.
29. Parmelee, A.H., Jr.: A critical evaluation of the Moro reflex. *Pediatrics*, 33:773-788, 1964.
30. Parmelee, A.H., Jr., Stern, E., Chervin, G., and Minkowski, A.: Gestational age and the size of premature infants. *Biol., Neonat.*, 6:309-323, 1964.
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32. Parmelee, A.H., Jr., Wenner, W.H., and Schulz, H.R.: Infant sleep patterns from birth to 16 weeks of age. *J. Pediat.*, 65:576-582, 1964.
33. Parmelee, A.H., Jr.: The Imitation of Gestures. A technique for studying the body schema and praxis of children three to six years of age. Translation of book by J. Berges and I. Lezine, from French to English. *Clinics of Developmental Medicine* No. 18, London, William Heineman Medical Books, Ltd., 1965.
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in Newborn Infants. UCLA Brain Information Service,  
NINDS Neurological Information Network, 1971.

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55. Parmelee, A.H., Jr., Stem, E., and Harris, M.A.: Maturation of respiration in prematures and young infants. *Neuropaeditrie*, 3:294-304, 1972.
56. Parmelee, A.H., Jr., and Stem, E.: Development of States in Infants. In Sleep and the Maturing Nervous System. C. Clemente, D. Purpura and F. Meyer, Eds. New York: Academic Press, pp. 199-228, 1972.
57. Parmelee, AH., Jr. and Haber, A: Who is the "risk infant"? In *Clinical Obstetrics and Gynecology*. H.J. Osofsky, Ed. 16:376-387, 1973.
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64. Sigman, M. and Parmelee, AH., Jr.: Visual preferences of four-month-old premature and full-term infants. *Child Development*, 45:959-965, 1974.
65. Kopp, C.B., Sigman, M., and Parmelee, AH., Jr.: A longitudinal study of sensory motor development. *Developm. Psychology*, 10:687-695, 1974.
66. Kopp, C.B., Sigman, M., Parmelee, AH., Jr., and Jeffrey, W.E.: Neurological organization and visual fixation in infants at 40 weeks conceptional age. *Developm. Psychobiology*, 8:165-170, 1975.
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69. Parmelee, AH., Jr.: EEGs during neonatal sleep. In *Brain Function and Malnutrition: Neuropsychological Methods of Assessments*. J. Prescott, M. Read, D. Coursin, Eds. New York, John Wiley and Sons, Inc., pp. 213-218, 1975.
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Young Children, T. Tjossem, Ed. Baltimore, University Park Press, 1976.

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76. Parmelee, A.H., Jr.: Planning intervention for infants at high risk identified by developmental evaluation In *Research to Practice in Mental Retardation*. Fourth International Congress of the IASSMD. Vol. 1. Care and Intervention, P. Mittler, Ed. Baltimore, University Park Press, pp. 171-177, 1977.
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78. Beckwith, L., Sigman, M., Cohen, S.E., and Parmelee, A.H., Jr.: Vocal output in preterm infants. *Developmental Psychobiology*, 10:543-554, 1977.
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80. Sigman, M., Kopp, C.B., Littman, B., and Parmelee, A.H., Jr.: Infant visual attentiveness in relation to birth condition. *Developm. Psychol.*, 13:431-437, 1977.
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83. Beckwith, L., Cohen, S.E., and Parmelee, A.H., Jr.: Preterm infants: Postnatal illness and early home care. *Pediatric Research*, 12:368, 1978.
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High Risk Newborn, E.J. Sell, Ed. Charles C. Thomas, 1980.

88. Parmelee, AH., Jr.: Detection of neurological disability. In Follow-up of the High Risk Newborn, E.J. Sell, Ed. Charles C. Thomas, 1980.
89. Parmelee, AH., Jr.: Optimum follow-up system. In Neonatal Neurological Assessment and Outcome, Alfred W. Brann, Jr. and Joseph J. Volpe, Eds. Report of the SeventySeventh Ross Conference on Pediatric Research, Columbus, Ohio Ross Laboratories, 110-115,1980.
90. Parmelee, AH., Jr.: Auditory function and neurological maturation in preterm infants. In Preterm Infants: Relevance to Optimal Psychological Development. S.L. Friedman and M. Sigman, Eds. Academic Press, Inc., 1981.
91. Sigman, M., Cohen, S.E., Beckwith, L., and Parmelee, AH., Jr.: Social family influences on the development of preterm infants. J. of Pediatric Psychology, 6:1-13, 1981.
92. Parmelee, AH., Jr.: Teaching child development and behavioral pediatrics to pediatric trainees. In Newsletter Society for Research in Child Development. Joy Osofsky, Ed., Fall, 1982.
93. Cohen, S.E., Parmelee, AH., Jr., Sigman, M., and Beckwith, L.: Neonatal risk factors in preterm infants. Applied Research in mental Retardation, 3:265-278, 1982.
94. Cohen, S.E., Sigman, M., Parmelee, A.H., Jr., and Beckwith, L.: Perinatal risk and developmental outcome in preterm infants. Seminars in Perinatology, Vol. 6, No.4, October, 1982, 334-339.
95. Parmelee, A.H., Jr. and Howard, J.: Foreword in Issues in Neonatal Care. A Waldstein, D. Gilderman, D. Taylor-Hershel, S. Prestridge, J. Anderson, Eds. Western States Technical Assistance Resource, Technical Assistance Developmental System, September, 1982.
96. Parmelee, AH., Jr., Beckwith, L., Cohen, S.E., and Sigman, M.: Social influences on infants at medical risk for behavioral difficulties. In Frontiers of Infant Psychiatry. J. Call and E. Galenson, Eds. New York: Basic Books, 1983.
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99. Parmelee, AH., Jr. and Sigman, M.: Perinatal brain developmental and behavior. In Biology and Infancy, M. Haith & J. Campos, Eds. 4th Edition Handbook of Child Psychology, Volume II, Paul H. Mussen, Ed. New York: John Wiley & Sons, 95-155.1983.
100. Parmelee, A.H., Jr., Beckwith, L., Cohen, S.E., and Sigman, M.: Early Intervention: Experience with preterm infants. In New Approaches to Developmental Screening of Infants. Proceedings of the fifth Johnson & Johnson Pediatric Round Table. T. Berry Brazelton and Barry M. Lester, Eds. Elsevier Science Publishing Co., Inc., New York, 1983
101. O'Connor, M.J., Cohen, S.E., and Parmelee, A.H., Jr.: Infant auditory discrimination in preterm and full-term infants as a prediction of five-year intelligence. Developmental Psychology, 20, No. 1:159-165, 1984.
102. Parmelee, AH., Jr., Howard, J., and Beckwith, L.: Infant mental health and biological risk. Child Abuse & Neglect, 8:219-226,1984.

103. Ralston, C.W., O'Connor, M.J., Ament, M., Berquist, W. and Parmelee, AH., Jr.: Somatic growth and developmental functioning in children receiving prolonged home total parenteral nutrition. *Journal of Pediatrics*, 105:842-846, 1984.
104. Parmelee, A.H., Jr. and Cohen, S.E.: Neonatal follow-up services for infants at risk. In *The At-Risk Infant*, S. Harel & N.J. Anastasiow, Eds. Baltimore, Maryland: Paul H. Brookes, 1985.
105. Parmelee, A.H., Jr.: Sensory stimulation in the nursery: How much and when? *Developmental and Behavioral Pediatrics*, 6:242-243, 1985.
106. Parmelee, A.H., Jr.: Comments on teaching developmental pediatrics and behavioral pediatrics. *Journal of Developmental and Behavioral Pediatrics*, 6:227-228, 1985.
107. Parmelee, AH., Jr.: Infancy and Early Childhood (Introduction). In *The At-Risk-Infant*, S. Harel and N.J. Anastasiow, Eds. Paul H. Brookes Publishing Company, Baltimore, Maryland, 269-273, 1985.
108. Parmelee, AH., Jr.: Children's Illness: Their beneficial effects on behavioral development. *Child Development*, 57:1-10, 1986.
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110. Beckwith, L. and Parmelee, A.H., Jr.: EEG Patterns of Preterm Infants, Home Environment, and Later 10. *Child Development*, 57:777-789, 1986.
111. Richards, J.E., Parmelee, AH., Jr., and Beckwith, L.: Spectral analysis of infant EEG and behavioral outcome at age 5. *Electroencephalography and Clinical Neurophysiology*, 64:1-11, 1986.
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