

EDWARD EARLE LAWSON
CURRICULUM VITAE
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DEMOGRAPHIC INFORMATION

Current Appointments:

2015- Professor Emeritus in Pediatrics, Johns Hopkins University, Baltimore, MD

Personal Data:

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Born: August 6, 1946
Winston-Salem, NC

Education and Training:

1968 B.A., magna cum laude, June 13, 1968, Harvard University, Cambridge, MA.
1972 M.D., June 17, 1972, Northwestern University Medical School, Chicago, IL.
1972-73 Intern in Medicine (Pediatrics) Children's Hospital Medical Center, Boston, MA.
1973-74 Junior Assistant Resident in Medicine (Pediatrics) Children's Hospital Medical Center, Boston, MA.
1974-75 Senior Assistant Resident in Medicine (Pediatrics) Children's Hospital Medical Center, Boston, MA.
1975-1/78 Fellow in Neonatology, Children's Hospital Medical Center, Boston Hospital for Women, Beth Israel Hospital, Boston, MA.
1975-77 Research Fellow in Pediatrics, Harvard Medical School, Boston, MA.

Past Professional Experience:

1999-2015 Professor in Pediatrics, Johns Hopkins University, Baltimore, MD
1999-2015 Chief, Neonatology Services, Johns Hopkins Medical Institutions, Baltimore, MD
2011-2015 Josephine S. Sutland Professor of Newborn Medicine
1987-99 Professor in Pediatrics, University of North Carolina, Chapel Hill, NC
1987-99 Attending Pediatrician, Univ. of North Carolina Hospitals
1982-86 Associate Professor in Pediatrics, University of North Carolina.
1982-86 Associate Attending Pediatrician, North Carolina Memorial Hosp.
1978-82 Assistant Professor in Pediatrics, University of North Carolina.
1978-82 Assistant Attending Pediatrician, North Carolina Memorial Hosp.
1977-78 Instructor in Pediatrics, Harvard Medical School, Boston, MA.
1977-78 Assistant in Medicine (Newborn) Children's Hospital Medical Center; Assistant in Pediatrics Beth Israel Hospital, Boston, MA.

RESEARCH ACTIVITIES

Publications: Refereed Journals

Lawson, E.E. and I.R. Goldstein: Bronchial leiomyosarcoma in a child. J. Pediatr. Surg. 6:179, 1971.

Lawson, E.E. and J.D. Boggs: Long-term follow-up of neonatal hepatitis: Safety and value of surgical exploration. Pediatrics 53:650-655, 1974.

Cole, R.B., E.E. Lawson, E.A. Newfeld, M.H. Paul, S. Baharati and M. Lev: The atrial septal defect - patent ductus arteriosus complex. Amer. J. Dis. of Child. 131:281-285, 1977.

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Lawson, E.E., R.L. Birdwell, P.S. Huang, and H.W. Taeusch, Jr.: Augmentation of pulmonary surfactant secretion by lung expansion at birth. Pediatric Research. 13:611-614, 1979.

Madansky, D.L., E.E. Lawson, V. Chernick, and H.W. Taeusch, Jr.: Pneumothorax and other forms of pulmonary air leak in newborn infants. Amer. Rev. Resp. Dis. 120:729-737, 1979

Torday, J., L. Carson, and E.E. Lawson: Saturated phosphatidylcholine in amniotic fluid and prediction of the respiratory-distress syndrome. New England J. of Medicine 301:1013-1018, 1979.

Lawson, E.E., T.G. Waldrop, and F.L. Eldridge: Naloxone enhances respiratory output in cats. J. Applied Physiol.: Respirat. Environ. Exercise Physiol. 47:1105-1111, 1979.

Chernick, V., D.L. Madansky, and E.E. Lawson: Naloxone decreased the duration of primary apnea with neonatal asphyxia. Pediatric Research 14:357-359, 1980.

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Sosenko, I.R., E.E. Lawson, V. Demotaz, and I.D. Frantz: Functional delay in lung maturation in fetuses of diabetic rabbits. *J. Appl. Physiol.: Respirat. Environ. Exercise Physiol.* 48:643-647, 1980.

Lawson, E.E., J. Gould, and H.W. Taeusch, Jr.: Neonatal pneumopericardium: Current Management. *J. Pediatr. Surg.* 15:181-185, 1980.

Bose, C.L., D.N. Manne, A.J. D'Ercole, and E.E. Lawson: Delayed fetal maturation in a rabbit model of the diabetic pregnancy. *J. Clin. Investig.* 66:220-226, 1980.

Lawson, E.E.: Prolonged central respiratory inhibition following reflex induced apnea. *J. Appl. Physiol.: Respirat. Environ. Exercise Physiol.* 50:874-879, 1981.

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Long, W.A. and E.E. Lawson: Developmental aspects of the effect of naloxone on respiratory drive in piglets. *Respiration Physiology* 51:119-129, 1983.

McNamara, M.C. and E.E. Lawson: Ontogeny of the biogenic amines in respiratory nuclei of the rabbit brainstem. *Developmental Brain Research* 7:181-185, 1983.

Lawson, E.E. and W.A. Long: Central origin of the biphasic breathing pattern during hypoxia in newborns. *J. Appl. Physiol.: Respirat. Environ. Exercise Physiol.* 55:483-488, 1983.

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Hood, J.L., A. Cross, B. Hulka, and E.E. Lawson: Effectiveness of the neonatal transport team. *Critical Care Medicine* 11:419-423, 1983.

Cotton, C.U., E.E. Lawson, R.C. Boucher, and J.T. Gatzky: Bioelectric properties and ion transport of airways excised from adult and fetal sheep. *J. Appl. Physiol.: Respirat. Environ. Exercise Physiol.* 55:1542-1549, 1983.

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Henry, G.W., E.E. Lawson J.R. Perry, A.G. Stiles, and W.A. Long: Radionuclide diagnosis of cerebrospino-pericardial communication and cardiac tamponade after ventriculoatrial catheter placement for hydrocephalus. Catheterization and Cardiovascular Diagnosis 10:349-352, 1984.

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Gowen, C.W., E.E. Lawson, J.L. Gingras-Leatherman, J.T. Gatzky, R.C. Boucher, and M.R. Knowles: Increased nasal potential difference and amiloride sensitivity in neonates with cystic fibrosis. J. Pediatrics 108:517-521, 1986.

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Garfunkel, J.M., M.H. Ulshen, H.J. Hamrick, and E.E. Lawson: Problems identified by secondary review of accepted manuscripts. *JAMA* 263:1369-1371, 1990.

Garfunkel, J.M., E.E. Lawson, M.H. Ulshen, and H.J. Hamrick: Effect of acceptance or rejection on the author's evaluation of peer review of medical manuscripts. *JAMA* 263:1376-1378, 1990

Czyzyk-Krzeska, M.F. and E.E. Lawson: Synaptic events in ventral respiratory neurones during apnoea induced by superior laryngeal nerve stimulation in neonatal pig. *J. Physiology (London)* 436:131-147, 1991.

Lawson, E.E., D.W. Richter, M.F. Czyzyk-Krzeska, A.M. Bischoff, R.C. Rudesill: Respiratory neuronal activity during apnea and other breathing patterns induced by laryngeal stimulation. *J. Applied Physiology* 70:2742-2749, 1991.

Czyzyk-Krzeska, M.F., D.A. Bayliss, E.E. Lawson, D.E. Millhorn: Expression of messenger RNAs for peptides and tyrosine hydroxylase in primary sensory neurons that innervate arterial baroreceptors and chemoreceptors. *Neuroscience Letters* 129:98-102, 1991.

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