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Citizenship: US citizen

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Education

6/1969-6/1973 BA, Mathematics & Psychology, York University, Toronto, Canada
6/1973-9/1974 MA, Psychology, University of Toronto, Toronto, Canada
9/1974-9/1981 PhD, Psychology, University of Toronto, Toronto, Canada
1984-1986 MD, University of Miami School of Medicine, FL

Academic Experience

1973 Research Assistant, Psychology, York University, Toronto, Canada
6/1973-9/1978 Research Assistant, Psychology, University of Toronto, Canada
9/1978-9/1981 Research Associate, Centre for Infant Studies, Toronto, Canada
9/1981-6/1984 Adj. Asst. Prof. of Pediatrics & Psychology, University of Miami, FL
9/1992-6/1998 Asst. Prof. of Pediatrics, University of California, San Diego, CA
6/1999-6/2000 Asst. Clinical Prof., University of California, San Diego, CA
1/2008-9/2011 Asst. Clinical Prof., University of California, San Diego, CA

Certification

1988 Licensed to practice medicine in California, G063155
1989 Board certified by the American Academy of Pediatrics
1993 Board certified in Neonatal-Perinatal Medicine, AAP
2000 Certification renewed in Neonatal-Perinatal Medicine, AAP
2006 Certification renewed in Neonatal Resuscitation Program, AAP
2014 Certification renewed in Neonatal-Perinatal Medicine, AAP

Medical Experience

6/1986-6/1989 Pediatrics Resident, University of California, San Francisco, CA
6/1989-6/1992 Neonatology Fellow, UCSF Cardiovascular Research Institute, CA
7/1992-9/1998 Attending Neonatologist, University of California, San Diego, CA
9/1998-9/2003 Neonatologist, Pediatric Subspecialty Faculty, Children's Hospital of Orange County, CA
12/2003-6/2004 Neonatologist, contracted by PhyAmerica Inc. to serve at Naval Medical Center, San Diego, CA
12/2004-9/2014 Neonatologist, contracted by Federal Government to serve at Naval Medical Center, San Diego, CA
1/2008-9/2011 Attending Neonatologist, University of California, San Diego, CA
10/2014-present Neonatologist, civil service Naval Medical Center, San Diego, CA

ACADEMIC THESES

1974 "Estimation of event frequency in classification tasks", MA Thesis, University of Toronto
1981 "Infants' tracking of sights and sounds", PhD dissertation, University of Toronto

EDITORIAL EXPERIENCE

Journal of Perinatology, 2001 - present.
Expert Medical Reviewer, Medical Review Institute of America 2005-present.

EXPERT WITNESS EXPERIENCE

Argoud v. Nystul, M.D., 1994
Church v. Hoag, et al., 1998
Eastwood, 2001
Taylor v. Peninsula Regional M. C., 2004-2005
Expert Medical Reviewer, Medical Review Institute of America 2005-present
Villafuerte v. Rancho Springs, 2010-12
Mauzy v. Corona Hosp, 2011-12
Patel Disability Insurance claim, 2014
Johnson v L.E. MC, 2016
Copley v Bayer Health, 2016
Lee v Valley Children's Hospital, 2019
Kipfinger v. Benfis MC, 2019
Yarbrough v. Rush MC, 2019
Guerrero v. One-Stop, 2019

PUBLICATIONS

Schneider BA, Trehub SE, and Bull D. "The development of basic auditory processes in infants." *Canadian Journal of Psychology*, 1979, 33, 306-319.

Schneider BA, Trehub SE, and Bull D. "High-frequency sensitivity in infants." *Science*, 1980, 207, 1003-1004.

Trehub SE, Bull D, and Schneider BA. "Infants' detection of speech in noise." *Journal of Speech and Hearing Research*, 1980, 24, 202-206.

Trehub SE, Bull D, and Schneider BA. "Infant speech and nonspeech perception: A review and re-evaluation." In RL Schiefelbusch and D Bricker (Eds.), *Early language: Acquisition and intervention*. Baltimore: University Park Press, 1981.

Trehub SE, Schneider BA, and Bull D. "The effect of reinforcement on infants' performance in an auditory detection task." *Developmental Psychology*, 1981, 17, 872-877.

Bull D, Schneider BA, and Trehub SE. "The masking of octave-band noise by broad-spectrum noise: A comparison of infant and adult thresholds." *Perception and Psychophysics*, 1981, 30, 101-106.

MacKay-Soroka S, Trehub SE, Bull D, and Corter CM. "Effects of encoding and retrieval conditions on infants' recognition memory." *Child Development*, 1982, 53, 815-818.

Oller DK, Eilers RE, Bull DH, and Vergara K. "Tactual hearing systems in a speech training program for young deaf children." Abstract published in *The Proceedings of the 4th Congress of the International Society for Artificial Organs*, May 1983.

Eilers RE, Bull DH, Oller DK, and Lewis DC. "The discrimination of vowel duration by infants", *Journal Of the Acoustical Society of America*, 1984, 75, 1213-1218.

Trehub SE, Bull D, and Thorpe LA. "Infant's perception of melodies: The role of melodic contour." *Child Development*, 1984, 55, 821-830.

Eilers RE, Oller DK, Bull DH, and Gavin WJ. "Linguistic experience and infant speech perception: A reply to Jusczyk, Shea & Aslin (1984)." *Journal of Child Language*, 1984, 71, 467-475.

Bull DH, Eilers RE, and Oller DK. "Infants' discrimination of intensity variation in multisyllabic stimuli." *Journal Of the Acoustical Society of America*, 1984, 76, 13-17.

Eilers RE, Bull DH, Oller DK, and Lewis DC. "The discrimination of rapid spectral speech cues by Down Syndrome and normally developing infants." In S.Harel and N.

- Anastasiow (Eds.), *The at-risk infant: Psycho/Socio/Medical aspects*, Baltimore: Paul H. Brookes, 1984, 333-339.
- Eilers RE, Bull DH, and Oller DK. "Tactual perception of speech-like stimuli with an electrocutaneous vocoder." *Artificial Organs*, 1984, 8, 494-497.
- Bull DH, Eilers RE, and Oller DK. "Infants' discrimination of final syllable fundamental frequency in multisyllabic stimuli." *Journal Of the Acoustical Society of America*, 1985, 77, 289-295.
- Bull DH, Eilers RE, Oller DK, and Mandalia B. "The effect of frequency change on discrimination of pulse bursts in an electrocutaneous tactual vocoder" *Journal of the Acoustical Society of America*, 1985, 77, 1192-1198.
- Oller DK, Eilers RE, Bull DH, and Carney AE. "Pre-speech vocalizations of a deaf infant: A comparison with normal metaphonological development." *Journal of Speech and Hearing Research*, 1985, 28, 47-63.
- Trehub SE, Bull D, Schneider BA, and Morrongiello, BA. "PESTI: A procedure for estimating individual thresholds in infant listeners." *Infant Behavior and Development*, 1986, 9, 107-118.
- Schneider BA, Bull D, and Trehub SE. "Binaural unmasking in infants." *Journal Of the Acoustical Society of America*, 1988, 83, 1124-1132.
- Thorpe LA, Trehub SE, Morrongiello BA, and Bull D. "Perceptual grouping by infants and preschool children." *Developmental Psychology*, 1988, 24, 484-491.
- Bull DH and Townsend SF. "Hyponatremia (low Na) in asphyxiated newborns: SIADH?" *Pediatric Research*, 1990, 27, 200A.
- Salamy A, Eldredge L, Anderson J, and Bull D. "Brain-stem transmission time in infants exposed to cocaine in utero." *Journal of Pediatrics*, 1990, 117, 627-629.
- Bull DH, Gregory GA, and Chan PH. "Effect of cell age on hypoxic injury to primary astrocyte cultures." *Pediatric Research*, 1991, 29, 357A.
- Bull DH, Sola A, and Wakeley A. "Meconium and tracheal aspiration (letter). *Pediatrics*, 1992, 90, 474.
- Sola A, Bull DH, Rogido M, Duboscq F, and Madan A. "Helium-Oxygen mixture for infants with severe lower airway obstruction." *Clinical Research*, 1993, 41(1): 28A.
- Bull DH, Wakeley A, and Sola A. "Current use of steroids in newborns with lung disease: results of a national survey." *Clinical Research*, 1993, 41(1):89A.
- Bull DH, Sola A, Alter A, Kurlat I, and Wakeley A. "Delivery room endotracheal suctioning and the meconium aspiration syndrome." *Clinical Research*, 1993, 41(1): 49A.
- Bernstein G, Mannino FL, Heldt GP, Bull DH, Sola A, Ariagno RL, Hoffman GL, Frantz-III ID, Troch BI, Beatty B, and Costa E. "Prospective randomized multicenter trial comparing synchronized and conventional intermittent mandatory ventilation (SIMV vs. IMV) in neonates." *Pediatrics Research*, 1994, 35(4): 216A.
- Sola A, Bull DH, Kurlat I, Partridge JC, and Rogido M. "The perinatal period." In AM Rudolph and RK Kamei (Eds): *Rudolph's Fundamentals of Pediatrics*, Norwalk CT: Appleton & Lange, 1994, 333-339.
- Bull D and Finer NN. "Use of steroids in neonates undergoing Extracorporeal Membrane Oxygenation (ECMO): Results of a survey." *Pediatric Research*, 1997, 41, 141.
- Movahhedian HR, Kashani LA, Sine D, Bull D, Lyons Jones K, and Rothman A. "Pulmonary hypertension and Trisomy 16." *Pediatric Cardiology*, 1998, 19(2): 187-189.
- Barrington KJ, Bull D, and Finer NN. "Randomized trial of nasal synchronized intermittent mandatory ventilation compared with continuous positive airway pressure after extubation of very low birth weight infants." *Pediatrics*, 2001; 107(4): 638-41.

CURRENT JOB DESCRIPTION

For the past 15 years, I have been contracted to serve as an attending Neonatologist at Naval Medical Center, San Diego. In this position I serve a week of day service as attending in the NICU approximately once every 3-4 weeks. For that week, I am in charge of the medical care of newborns in the Level III intensive care unit, supervising and teaching US Navy pediatric residents and GS Neonatal Nurse practitioners. For the 2-3 weeks that I am not on service during the day, I am responsible to be the on-call neonatologist in the NICU for approximately 5-6 nights a month, supervising and teaching US Navy pediatric residents in charge for the night with all medical care of patients in the Level III intensive care and any medical issues that may arise with newly born patients born at or transferred to NMCS D NICU.