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## BIOGRAPHICAL SKETCH

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NAME Lindgren, Scott D.	POSITION TITLE		
eRA COMMONS USER NAME lindgrens	Professor of Pediatrics		
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Yale University, New Haven, CT	B.A.	1972	Psychology
University of Iowa, Iowa City, IA	M.A.	1975	Clinical Psychology
University of Iowa, Iowa City, IA	Ph.D.	1977	Clinical Psychology

### A. Positions and Honors

#### **Positions and Employment:**

- 1976-78 Psychology Intern, Pediatric Psychology and Developmental Disabilities, Department of Pediatrics, University of Iowa.
- 1978-79 Associate, Department of Neurology, University of Iowa College of Medicine. (Engaged in cross-national research at the Department of Neurology, University of Modena, Modena, Italy.)
- 1979-80 Postdoctoral Fellow in Psychology, Harvard Medical School, Department of Psychiatry, Children's Hospital Medical Center and Judge Baker Children's Center, Boston, MA.
- 1980-86 Assistant Professor, Department of Pediatrics, University of Iowa Carver College of Medicine, University of Iowa Children's Hospital.
- 1986-97 Associate Professor, Department of Pediatrics, University of Iowa Carver College of Medicine, University of Iowa Children's Hospital.
- 1997-present Professor, Department of Pediatrics, University of Iowa Carver College of Medicine, University of Iowa Children's Hospital.

#### **Other Experience and Professional Memberships:**

- 1991-2003 Psychology Supervisor, Center for Disabilities and Development, University of Iowa Children's Hospital
- 1992-1993 Member, Behavioral and Neuroscience Special Emphasis Panel, NICHD
- 1994-1996 Reviewer, Behavioral Science Track Award, NIMH
- 2003-present Associate Director, Iowa's University Center for Excellence on Disabilities, Center for Disabilities and Development, University of Iowa Children's Hospital
- 2003-present Director, Iowa Consultation Service for Students with Brain Injury
- 2004-2007 Member, Assuring Better Child Health and Development Board (ABCD-II), State of Iowa
- 2004-present Director, Pediatric Neuropsychology Clinic, Center for Disabilities and Development, University of Iowa Children's Hospital
- 2004-present Member, Iowa Governor's Prevention of Disabilities Policy Council
- 2006-present Director, Iowa Health and Disability Resource Center, University of Iowa
- 2008 Leader, Iowa *Act Early* Autism Team, CDC/AUCD Regional Autism Summit, Kansas City, MO.

#### **Honors/Awards:**

- 1979 – 1980 National Institute of Mental Health Postdoctoral Fellow, Department of Psychiatry, Harvard Medical School
- 1981 Elected to Sigma Xi, the Scientific Research Society
- 1999 – 2004 Consultant on Disability Policy, Social Security Administration and the Association of University Centers for Excellence on Disabilities
- 2008 – present Elected Chair, Iowa Governor's Prevention of Disabilities Policy Council

## B. Selected Peer-Reviewed Publications (in chronological order):

- Lindgren, S.D. (1978). Finger localization and the prediction of reading disability. *Cortex*, 14, 87-101.
- Lindgren, S.D., & Benton, A.L. (1980). Developmental patterns of visuospatial judgment. *Journal of Pediatric Psychology*, 5, 217-225.
- Richman, L.C., & Lindgren, S.D. (1980). Patterns of intellectual ability in children with verbal deficits. *Journal of Abnormal Child Psychology*, 8, 65-81.
- Richman, L.C., & Lindgren, S.D. (1981). Verbal mediation deficits: Relation to behavior and achievement in children. *Journal of Abnormal Psychology*, 90, 99-104.
- Lindgren, S.D., & Richman, L.C. (1984). Immediate memory functions of verbally deficient reading disabled children. *Journal of Learning Disabilities*, 17, 222-225.
- Lindgren, S.D., De Renzi, E., & Richman, L.C. (1985). Cross-national comparisons of developmental dyslexia in Italy and the United States. *Child Development*, 56, 1404-1417.
- Lindgren, S.D., Richman, L.C., & Eliason, M.J. (1986). Memory processes in reading disability subtypes. *Developmental Neuropsychology*, 2, 173-181.
- Lindgren, S.D., Harper, D.C., & Blackman, J.A. (1986). Environmental influences and perinatal risk factors in high risk children. *Journal of Pediatric Psychology*, 11, 531-547.
- Lindgren, S.D., & Koepl, G.G. (1987). Assessing child behavior problems in a medical setting: Development of the Pediatric Behavior Scale. In R.J. Prinz (Ed.), *Advances in Behavioral Assessment of Children and Families* (Vol. 3), pp. 57-90. Greenwich, CT: JAI Press.
- Blackman, J., Lindgren, S., Hein, H., & Harper, D. (1987). Long-term surveillance of high risk children. *American Journal of Diseases of Children*, 141, 1293-1299.
- Wolraich, M.L., Lindgren, S.D., Stromquist, A., Milich, R., Davis, C., & Watson, D. (1990). Stimulant medication use by primary care physicians in the treatment of attention deficit hyperactivity disorder. *Pediatrics*, 86, 95-101.
- Blackman, J.A., Lindgren, S.D., & Bretthauer, J. (1992). The validity of continuing developmental follow-up of high risk infants to age five. *American Journal of Diseases of Children*, 146, 70-75.
- Lindgren, S.D., Lokshin, B., Stromquist, A., Weinberger, M., Nassif, E., McCubbin, M., & Frasher, R. (1992). Does asthma or treatment with theophylline limit children's academic performance? *New England Journal of Medicine*, 327(13), 926-30.
- Selzer, S.C., Lindgren, S.D., & Blackman, J.A. (1992). Long-term neuropsychological outcome of high risk infants with intracranial hemorrhage. *Journal of Pediatric Psychology*, 17, 407-22.
- Wolraich, M., Lindgren, S., Stumbo, P., Stegink, L., Appelbaum, M., & Kiritsy, M. (1994). The effects of diets high in sucrose or aspartame on the behavior and cognitive performance of children. *New England Journal of Medicine*, 330(5), 301-7.
- Johnson, B., Kuperman, S., Arndt, S., Lindgren, S., & Wolraich, M. (1996). Quantitative EEG differences in a non-clinical sample of children with ADHD and Undifferentiated ADD. *Journal of the American Academy of Child and Adolescent Psychiatry*, 35, 1009-1017.
- Max, J.E., Robin, D.A., Lindgren, S.D., Smith, W.L., Sato, Y., Mattheis, P.J., Stierwalt, J.A.G., Castillo, C.S. (1997). Traumatic brain injury in children and adolescents: Psychiatric disorders at two years. *Journal of the American Academy of Child and Adolescent Psychiatry*, 36 (9), 1278-1285.
- Max, J.E., Lindgren, S.D., Knutson, C., Pearson, S., Ihrig, D., Welborn, A. (1997). Child and adolescent traumatic brain injury: Psychiatric findings from a pediatric outpatient specialty clinic. *Brain Injury*, 11(10), 699-771.
- Max, J.E., Castillo, C.S., Robin, D.A., Lindgren, S.D., Smith, W.L., Sato, Y., Mattheis, P.J., Stierwalt, J.A.G. (1998). Predictors of family functioning following traumatic brain injury in children and adolescents. *Journal of the American Academy of Child and Adolescent Psychiatry*, 37(1), 83-90.
- Max, J.E., Koele, S.L., Lindgren, S.D., Robin, D.A., Smith, W.L., Sato, Y., Arndt, S.V. (1998) Adaptive functioning following traumatic brain injury and orthopedic injury: A controlled study. *Archives of Physical Medicine and Rehabilitation*, 79(8): 893-899.
- Max, J.E., Roberts, M.A., Koele, S.L., Lindgren, S.D., Robin, D.A., Arndt, S., Smith, W.L., Sato, Y. (1999) Cognitive outcome in children and adolescents following severe traumatic brain injury. *Journal of the International Neuropsychological Society*, 5: 58-68.
- Robin, D.A., Max, J.E., Stierwalt, J.A.G., Guenzer, L.C., Lindgren, S.D. (1999) Sustained attention in children and adolescents with traumatic brain injury. *Aphasiology*, 13: 701-708.

- Arroyos-Jurado, E., Paulsen, J.S., Merrell, K.W., Lindgren, S.D., Max, J.E. (2000) Traumatic brain injury in school-age children: Academic and social outcome. *Journal of School Psychology, 38*: 571-587.
- McCarthy, A.M., Lindgren, S., Mengeling, M., Tsalikian, E., and Engvall, J. (2002) Effects of diabetes on learning in children. *Pediatrics, 109*(1): 135. URL: <http://www.pediatrics.org/cgi/content/full/109/1/e9>.
- McCarthy, A.M., Lindgren, S., Mengeling, M.A., Tsalikian, E., and Engvall, J. (2003) Factors associated with academic achievement in children with type 1 diabetes. *Diabetes Care, 26*: 112-117.
- Wassenberg, R., Max, J.E., Lindgren, S.D., Schatz, A. (2004). Sustained attention in children and adolescents after traumatic brain injury: Relation to severity of injury, adaptive functioning, ADHD and social background. *Brain Injury, 18*(8): 751-764.
- Ravesloot, C.H., Seekins, T., Cahill, A., Lindgren, S., Nary, D.E., & White, G. (2006) Health promotion for people with disabilities: Development and evaluation of the Living Well with a Disability program. *Health Education Research*, doi:10.1093/her/cyl114.
- Conrad, A.L., Richman, L., Lindgren, S., & Nopoulos, P. (In Press) Biological and environmental predictors of behavioral sequelae in children born prematurely, *Pediatrics*.

## C. Research Support

### Ongoing Support:

2 P01 HL046925-11 Widness (PI) 7/1/06 – 6/30/2011

National Institute of Heart, Lung, & Blood

PPG Neonatal Anemia: Pathophysiology and Treatment:

Project 2 – Preterm Transfusions: Brain Function/Structure Outcomes

The goals of this subproject within the larger program project grant are to evaluate the long-term neurodevelopmental effects of liberal versus conservative blood transfusion practices in infants with anemia.

Role: Co-Investigator

1 R01 DD000107-01 Chrischilles & Lindgren (Co-PI) 9/30/06 – 9/29/2009

Centers for Disease Control and Prevention

Pharmaceutical Case Management and Living Well with a Disability

The goals of this project are to evaluate improvements in health and reduction in secondary health conditions by combining a health promotion program with collaborative medication management for people with disabilities.

Role: Co-PI

### Completed Support:

5887DP06 Lindgren & Degarmo (Co-PI) 4/1/2002 – 6/30/2007

Centers for Disease Control/Iowa Dept. of Public Health, Disability & Health Program

Preventing Secondary Conditions in Persons with Disabilities

The major goals of this project were to investigate methods for promoting health and preventing the development of secondary conditions in persons with disabilities.

Role: Co-PI

Prime CFDA No: 93.994 Lindgren (PI) 10/1/2005 – 9/30/2006

Iowa Department of Human Services, with additional support from The Commonwealth Fund

Early Periodic Screening, Diagnosis, & Treatment (EPSDT) Care for Kids

The major goals of this project were to implement and evaluate strategies to improve the screening and treatment of developmental and behavioral problems in primary care settings.

Role: PI