## LARRY J. BURD

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## **TITLE**

Professor
Department of Pediatrics
Director of Fetal Alcohol Syndrome Center
University of North Dakota School of Medicine, 1980-present
Education Specialist IV
Pediatric Therapy
Altru Health Institute, 1980-present

# **EDUCATION**

Ph.D. in Community Health Science, University of Manitoba, 1997

M.S., Special Education, Eastern Montana College, Billings, MT, 1980

Graduate Work, Early Childhood Education and Speech Pathology, Adams State College, Alamosa, CO, 1977

B.S., Speech Communications, University of Southern Colorado, Pueblo, CO, 1975

# PROFESSIONAL EXPERIENCE

Co-Principal Investigator – Prenatal Alcohol in SIDS and Stillbirth (PASS)

August 2004 to present

Altru Health System

1980 – present

St. Labre Indian School, Ashland, Montana

Speech Pathologist and Special Education Coordinator September 1975 to September 1979

Pueblo Children's Center, Pueblo, Colorado

Pre-school Teacher February 1972 to September 1975

## PROFESSIONAL ACTIVITIES

Consultant, Fetal Alcohol Spectrum Disorder Program, White Earth Tribe, 2009-2015

Member, Interagency Coordinating Committee (ICC) on Fetal Alcohol Syndrome - Working Group on Fetal Alcohol Syndrome - Juvenile Justice

Member, Perinatal Infant Mortality Review Committee, Aberdeen Area Indian Health Service, 1989-2013

Metabolic Disease Clinics, North Dakota Crippled Children's Services, 1989-present

Metabolic Testing Task Force, 2004-present

Member, University of North Dakota School of Medicine SEED Funding Committee, 2002-present

Member, Outreach Diagnosis and Treatment Clinic, Spirit Lake Tribe, 1985-present

Member, Outreach Diagnosis and Treatment Clinic, Turtle Mountain Tribe, 1985-present

## **PUBLICATIONS**

Weyrauch, D., Schwartz, M., Hart, B., Klug, M.G., & Burd, L. Comorbid mental disorders in fetal alcohol spectrum disorders: A systematic review. *Journal of Developmental & Behavioral Pediatrics* 2017, 38(4), 283-291.

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Johnson, S., Moyer, C. L., Klug, M. G., Burd, L. Comparison of alcohol-related neurodevelopmental disorder and neurodevelopmental disorder associated with prenatal alcohol exposure diagnostic criteria. *Journal of Developmental & Behavioral Pediatrics*, 2017 (in press).

Lange, S., Probst, C., Gmel, G., Rehm, J., Burd, L., Popova, S. Global prevalence of fetal alcohol spectrum disorder among children and youth: A systematic review and meta-analysis. *JAMA Pediatrics* 2017, 171(10), 948-956.

Burd, L. Invited Commentary: FASD and ADHD: Are they related and how? *BMC Psychiatry* 2016, 16, 325.

Easton, B., Burd, L., Rehm, J., & Popova, S. Productivity losses associated with Fetal Alcohol Spectrum Disorder in New Zealand. *New Zealand Medical Association Journal* 129(1440), 72-83. August 2016.

Longhurst, W., Ernst, J., & Burd, L. Fetal alcohol exposure and development of the integument. *Research and Reports to Neonatology* 2016, 6(6), 25-32.

Popova, S., Lange, S., Burd, L., Nam, S., & Rehm, J. Special education of children with fetal alcohol spectrum disorder. *Exceptionality* 2016 24(3), 165-175.

Burd, L. Invited Commentary: FASD: Complexity from comorbidity. *Lancet*, 2016, 387(10022), 926-927.

Popova, S., Lange, S., Burd, L., Rehm, J., Cost attributable to Fetal Alcohol Spectrum Disorder in the Canadian correctional system. *International Journal of Law and Psychiatry* 2015, 41, 76-81.

Himes, S.K., Dukes, K.A., Tripp, T., Petersen, J., Raffo, C., Burd, L., Odendaal, H., Elliott, A.J., Hereld, D., Signore, C., Willinger, M., & Huestis, M.A. Clinical sensitivity and specificity of meconium fatty acid ethyl ester, ethyl glucuronide, and ethyl sulfate for detecting maternal drinking during pregnancy. *Clinical Chemistry* 2015 61(3), 523-532.

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- Burd, L. Language and Speech in Tourette Syndrome: Phenotype and Phenomenology. *Curr Dev Disorder Rep* 2014, 1, 229-235.
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Popova, S., Lange, S., Burd, L., & Rehm J. Burden and social cost of fetal alcohol spectrum disorders. In The Oxford Handbook of Online Only–Psychology.

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## **BOOKS AND BOOK CHAPTERS cont.**

- Burd, L. Fetal Alcohol Syndrome: A Handbook for Parents and Teachers, 2001.
- Burd, L. Attention Deficit Hyperactivity Disorder: A Handbook for Parents and Teachers, 2001.
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# ABSTRACTS PRESENTED

Burd, L. & Kerbeshian, J. Educational Management of Children with Tourette Syndrome. Chapter In: <u>Tourette Syndrome, Genetics, Neurobiology and Treatment</u>. *Advances in Neurology* 1992, 58, 311-317.

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# **CONSORTIUM PUBLICATIONS**

Randall, L.L., Welty, T.K., Iyasu, S., & Willinger, M. Mi cinca kin tonwani ewaktonji kte sni: I will never forget my child: Results of the Aberdeen Area Infant Mortality Study. U.S. Department of Health and Human Services. 1998.

# **CURRENT RESEARCH TOPICS**

Research projects that are now in the stages of data collection and data analysis:

Tourette Syndrome and Tic Disorders
Modification of Severe Reading Deficits
Autism
Fetal Alcohol Spectrum Disorders
Attention Deficit-Hyperactivity Disorder
Sudden Infant Death Syndrome
Stillbirth
American Indian Infant Mortality
Cost of Health Care for Children
Childhood Smoking
Exposure Detection

# **NONPRINT MEDIA**

DVD – and Website FASD and Your Child: Cause, Effects and Interventions, The Academic Edge, Inc. Indianapolis, IN

Audio/visual program – Sudden Infant Death Syndrome, CJ SIDS Foundation.

Slide tape program on Fetal Alcohol Syndrome, 1989

Slide tape program on Attention Deficit Disorders and Hyperactivities, 1985

Slide tape presentation on the Diagnosis of Learning Disabilities, 1984

## NONPRINT MEDIA cont.

Videotape on Recognition and Management of Tourette Disorder, 1983

Slide tape presentation on Fetal Alcohol Syndrome, 1983

Videotape on Pervasive Developmental Disorder, 1983

Series of Videotapes on Tourette Disorder, 1983-present

# **FUNDING ACTIVITIES**

Prenatal Alcohol, SIDS, & Stillbirth (PASS) National Institutes of Health	2011-2016	\$1,774,998
Prenatal Alcohol, SIDS, & Stillbirth (PASS) National Institutes of Health	2003-2011	\$1,876,014
North Dakota Department of Health	2011-2013	388,458
North Dakota Department of Health	2009-2011	369,900
Centers for Disease Control (CDC)	2002-2007	\$751,908
Four State FAS Consortium, - Center for Substance Abuse Prevention (CSAP)	2000-2004	\$1,635,000
CJ SIDS Foundation	2003	\$66,667
March of Dimes	2002	\$14,877
North Dakota Legislature Minnesota Department of Health	1995-2011 1999	\$312,100 \$190,890
Association for Retarded Citizens	1997	\$4,800
Indian Health Services	1996	\$5,500
Crippled Childrens Services	1996	\$29,900
Division of Alcohol and Drug Abuse	1996	\$20,000
Division of Alcohol and Drug Abuse	1995	\$28,000
North Dakota Department of Human Services	1993-1997	\$276,117
North Dakota Department of Health	1989-1993	\$7,200
Bush Foundation	1990-1992	\$213,000
ND Department of Health - Division of Maternal and Child Health	1985	\$3,800
March of Dimes	1982-1985	\$16,500
UND School of Medicine	1983	\$5,000

# **AWARDS**

Perinatal Infant Mortality Review Committee. Indian Health Service, 1991

Award from the North Dakota Healthy Mothers -Healthy Babies Coalition for Efforts to Prevent Fetal Alcohol Syndrome, 1991

Award from the Tourette Syndrome Association of North Dakota for Volunteer Efforts and Research, 1991

Bush Foundation Leadership Fellow 1990-1991

Medical Center Rehabilitation Hospital and Clinics Recognition Award 1990

Certificate of Recognition from Grand Forks Mayor's Committee on Employment of People With Disabilities 1989

Lloyd P. Dudley Speech Award, University of Southern Colorado 1975