

ARC OF WASHINGTON TRUST FUND

RESEARCH AWARDS 1985-1989

1. **Susan R. Harris, Ph.D.** "Early Neuromotor Predictors of Cerebral Palsy in Low Birthweight Infants". \$4,760.00 awarded. (1/8/85)
2. **Philip S. Dale & Kevin N. Cole** "An Empirical Comparison of Three Commercial Language Analysis Programs". \$3,083.00 awarded. (4/9/85)
3. **Rebecca Fewell, Ph.D.** "Smiling/Laughter in Preterm and Full-Term Infants". \$7,530.00 awarded. (7/9/85)
4. **Mary Alice McDonald** "Assessment of Recognition Acuity in Infants". \$4,953.00 awarded. (10/18/85)
5. **Eugene Edgar** "Adaptation of Siblings of Young Handicapped Children". \$2,425.00 awarded. (10/18/85)
6. **Dr. Ronald Scott** - Seed Money for Remodeling Genetics Laboratory. \$10,000.00 awarded. (1/14/86)
7. **Dr. Vanja Holm** - Additional Costs for Fragile X Chromosome Study. \$1,361.00 awarded. (1/14/86)
8. **Forrest C. Bennet** "PVL Developmental Outcome". \$6,820.00 awarded. (4/8/86)
9. **Truman Coggins** "The Value of Repeated Utterances in Communicative Development of Five Autistic Children". \$7,737.00 awarded. (7/14/86)
10. **Dr. Vanja Holm** "Rett Syndrome: Pilot Studies of Educational and Therapeutic Interventions". \$8,177.00 awarded. (7/14/86)
11. **Susan Harris/Sarah Atwater** "Comparison of Fagen Test of Infant Intelligence and the Bayley Scales of Infant Development in Premature Infants at High and Low Risk for Motor Handicap". \$7,926.00 awarded. (7/14/86)
12. **Dr. Andrew Meltzoff** "Aspects of Language Development in Young Children with Down Syndrome". \$8,942.00 awarded. (10/14/86)
13. **Gay Naganuma** "The Effect of Hand Splints on Stereotypic Hand Behavior in Girls with Rett Syndrome". \$1,909.00 awarded. (1/13/87)
14. **Geraldine Dawson** "Brain Dysfunction in Individuals with Autism". \$7,051.00 awarded. (4/14/87)
15. **Richard Folsom** "Auditory Localization in Down Syndrome Infants". \$7,906.00 awarded. (4/14/87)
16. **Dr. Luchi/Dr. Forrest C. Bennett** "Developmental Outcome of Preterm Infants Who Suffered Bronchopulmonary Dysplasia". \$8,901.00 awarded. (7/14/87)
17. **Elaine Clark** "An Exploratory Study of the Development of Weight Shifting in Sitting in Normal Infants". \$2,476.09 awarded. (7/14/87)
18. **Margaret West, Ph.D.** "Determining the Developmental Status of Children's Protective Services Clients". \$5,617.00 awarded. (1/13/88)
19. **Al Cavalier** "Assistative Dining Device". \$10,505.09 awarded. (1/13/88)
20. **Donna Chacalos/Cristine Trahms** "Effectiveness of Computerized Instruction on the Dietary Compliance and Self-Management Skills of Children with PKU". \$6,010.00 awarded. (4/12/88)
21. **Elaine Clark** "An Exploratory Study of the Development of Weight Shifting in Sitting in Normal Infants". \$2,476.09 awarded. (7/14/88)
22. **Sarah Atwater** "Novel Therapy and Equipment for Children with Cerebral Palsy". \$7,819.08 awarded. (7/12/88)
23. **Tim Leavell, M.D.** "Developmental Screening of High Risk Infants". \$5,169.00 awarded. (7/12/88)
24. **Nuhad Dinno, M.D.** "Physician Awareness of Special Olympics". \$6,134.00 awarded. (7/12/88)
25. **Wendy Mouradian/Forrest C. Bennett** "Developmental Outcome of Preterm Infants Treated with Exogenous Surfactant". \$10,507.00 awarded. (10/11/88)
26. **Kevin Cole/Geraldine Dawson** "Early Childhood Autism Curriculum". \$7,513.00 awarded. (10/11/88)
27. **Katy Haigh/JoAnn McMillan** "Effects of Dynamic Ankle-Foot Orthosis on Gait in Children with Cerebral Palsy". \$2,534.00 awarded. (10/11/88)
28. **Dr. John W. Gibson** "Elderly Developmentally Disabled and Health Care". \$6,078.00 awarded. (4/11/89)
29. **Arthur L. Lewy, Ph.C.** "Joint Attention in Young Children with Autism and Young Children with Down Syndrome: Effects of Disability and Social Interaction". \$3,731.00 awarded. (7/1/89)
30. **Lily Dyson, Ph.D.** "Adaptation Over Time of Families of Handicapped Children". \$6,032.00 awarded. (7/1/89)

RESEARCH AWARDS 1998-2016

- 1. Elizabeth Milo and Julie Wood.** Dr Elizabeth Milo, a privately practicing psychotherapist, and Ms Julie Wood, of the Kindering Center, “Fathers’ Bereavement When Their Child with Special Needs Dies.” The proposal involved a study of 15 fathers conducted through interviews. \$5,885.00 awarded. (10/13/98)
- 2. Christine Thompson Ibrahim.** Ms Christine Thompson Ibrahim, an attorney, “Legal Issues When a Person with Mental Disabilities Turns Age 18.” The proposal involved the preparation of a pamphlet in plain language for use by families. \$8,300.00 awarded with conditions. (10/13/98)
- 3. Christine Gleason.** Dr Christine Gleason, of the University of Washington Department of Pediatrics Neonatology Program, “Neuropathology of Prenatal Alcohol Exposure.” The proposal involved the testing in sheep of the hypothesis that *in utero* alcohol exposure affects the development and function of brain blood vessels, and these vascular abnormalities may contribute to the pathogenesis of brain damage and mental retardation associated with fetal alcohol exposure. \$50,067.00 awarded. (4/13/99)
- 4. Richard Folsom.** Professor Richard Folsom, of the University of Washington Center on Human Development and Disability Audiology Division, “Cochlear Development in Down Syndrome.” The proposal involved the comparison of cochlear development in infants and children with Down Syndrome with that in typically developing infants and children. \$14,834.00 awarded. (4/13/99)
- 5. Daniel Williams, Christopher Draheim and Jeffrey McCubbin.** Mr Christopher Draheim, Professor Daniel Williams, and Dr Jeffrey McCubbin, of the Oregon State University College of Health and Human Performance, “Cardiovascular Disease Risk in Adults with Mental Retardation.” The proposal involved the determination of the differing health behaviors between those with mental retardation and those with Down Syndrome, and which behaviors seem to be determinants of cardiovascular disease. \$27,104.00 awarded. (4/13/99)
- 6. Gusty-Lee Boulware, Susan Sandall and Ilene Schwartz.** Ms Gusty-Lee Boulware, doctoral student in Early Childhood Special Education, Dr Susan Sandall, Professor of Special Education, and Dr Ilene Schwartz, Assistant Professor of Special Education, all at the University of Washington, “Birth to Three Early Intervention Program for Children with Autism: Blending Approaches to Meet Individual Needs.” The proposal involved the development, implementation and evaluation of a model program for families and toddlers with autism. \$13,187.00 awarded. (7/13/99)
- 7. Abbie Brown and Darcy Miller.** Dr Brown and Dr Miller of the Washington State University Department of Teaching and Learning, “Computer-Based Learning Objects for Students with Mild Mental Retardation.” \$30,248 awarded. (10/10/00)
- 8. Michael Smith, Roberta Brannon and Edwin Helmstetter.** Mr Smith, Ms Brannon and Dr Edwin Helmstetter, along with the assistance of Ms Stephanie Emerson, all of the University of Idaho, “Effects of Intergenerational Self-determination Training in Promoting Self-determination for Individuals with Developmental Disabilities.” \$8,400 awarded. (10/10/00)
- 9. Laura Sices.** Dr Sices of the University of Washington Center on Human Development and Disability, “Screening for Developmental Delay: What is Current Practice? A Survey of Pediatricians.” She is particularly interested in the frequency of screening by practitioners, even though surveys say that practitioners routinely conduct screening. \$9,954 awarded. (1/9/01)
- 10. Elizabeth Milo.** Dr Milo, a private practitioner at the Washington School of Professional Psychology, “The Role of Grandparents in the Life and Death of a Child with a Severe Developmental Disability.” This work would be the third of a series of studies involving this subject matter; the first concerned mothers and the second fathers. \$7,605 awarded. (4/10/01)
- 11. Gary Troia, Mary Maddox and Kevin Cole.** Dr Troia, of the University of Washington College of Education Area for Special Education, and Ms Maddox and Dr Cole, of the Washington Research Institute, “Effective Writing Interventions for Children with Mental Retardation and Related Developmental Disabilities \$10,732 awarded. (4/10/01)

- 12. Carrie Cheney et al.** Dr Cheney, of the University of Washington Department of Epidemiology, “Nutritional Status and Use of Restricted Diets in Children with Autism Spectrum Disorder.” \$20,585 awarded. (7/10/01)
- 13. Patricia A. Brown.** Dr Brown, of the University of Washington Department of Rehabilitation Medicine, “Functional Vocational Evaluation: a Framework for Secondary Program design for Students with mental Retardation.” \$24,560.00 awarded with conditions. (1/8/02)
- 14. Kristin Rytter, Kevin Cole, Mary Qualls and Gary Troia.** Ms Rytter and Dr Troia of the University of Washington College of Education, and Ms Qualls and Dr Cole, of the Washington Research Institute, “Effects of Parental Intervention on Language Abilities of Children with Developmental Delays.” The proposal compares the relative efficacy of 2 methods of training parents to engage in language facilitation during play with children with developmental delays. \$10,000.00 awarded with conditions. (7/9/02)
- 15. Susan Wendel.** Ms Wendel, of the University of Washington Center on Human Development and Disability’s Occupational Therapy Department, “Interdisciplinary Computer-Based Educational Modules.” The proposal involved the development, evaluation and distribution of a pilot set of 3 computer-based modules via the internet addressing interdisciplinary concepts to center-based and community-based trainees. Board, on a motion made by Ms Lindquist and seconded by Dr Edgar, voted to approve the expenditure of \$34,486.00 awarded with conditions. (10/8/02)
- 16. Renee Watling.** Ms Watling, of the University of Washington College of Education, “The Impact of Sensory-Based Occupational Therapy Intervention on the Behavior and Engagement of Young Children with Autism Spectrum Disorders.” The proposal involved using sensation to prepare people for function. \$13,055 awarded. (4/8/03)
- 17. Richard Appleyard.** Dr Appleyard, of the Oregon Health and Science University Child Development and Rehabilitation Center, “Web Accessibility for People with Cognitive Disabilities.” The proposal involved the development of a needs assessment through survey of two groups of people with cognitive disorders. \$25,000 awarded with conditions. (10/14/03)
- 18. Dan Doherty.** Dr Doherty, of the Children’s Hospital and Medical Center, and the University of Washington Department of Pediatrics, “Cerebellar Disorders Database.” The proposal involved the development of a database to understand cerebellar malformations, improve diagnosis, prognosis and recurrence risk information and to provide the foundation for studies of treatment strategies and outcomes. \$20,000 awarded. (4/20/04)
- 19. Susan Neely-Barnes.** Ms Neely-Barnes, sponsored by Associate Professors Maureen Marcenko and Gunnar Almgren, all of the University of Washington School of Social Work, “ Modeling the Role of the Consumer and Family Choice in Developmental Disability Services.” The proposal would rely on 2 theoretical frameworks: the independent living perspective, and normalization/social role valorization. The proposal would use data collected through the Washington State Division of Developmental Disabilities’ involvement in the National Core Indicators Project. \$30,792 awarded. (4/20/04)
- 20. Crystal Gray.** Ms Gray, sponsored by Professor Leonard Burns, both of the Washington State University Department of Psychology, “Assessing Adaptive and Maladaptive States of School Age Children with Autism in Washington State.” The proposal would study school children identified through the Washington Office of the Superintendent of Public Instruction. \$24,264 awarded with conditions. (7/13/04)
- 21. Chris Curry and Susan Rae Banks-Joseph.** Chris Curry of Families Together and Assistant Professor Susan Rae Banks-Joseph of the Washington State University College of Education, “Identification of Successes and Needs of Indigenous Families with Children between the Ages of 3 and 11 with Developmental Delays or Specific Diagnosed Disabilities.” \$20,000 awarded with conditions. (4/19/05)
- 22. Geraldine Dawson and Amy Donaldson, et al.** Dr Dawson and Dr Donaldson, of the University of Washington Autism Center, “A Follow-Up Investigation of Early Intervention for Toddlers with Autism.” The proposal involved following and comparing two groups of children who had received early intensive behavioral intervention as toddlers as

they transition from the early program to less intensive intervention. One group received early intervention from the Center and the other through a variety of community resources. \$25,000 awarded. (4/18/06)

23. Patricia Brown and Sharan Brown. Dr Patricia Brown, of the University of Washington Department of Rehabilitation Medicine, and Dr Sharan Brown, of the University of Washington College of Education, “Meeting the Need: an assessment of the capacity of families to provide necessary supports to their family members with developmental disabilities.” The purpose of the proposal is to provide an assessment of the current support needs for families with a member with developmental disabilities, including an examination of family capacity rather than just issues of need or income; capacity could include non-financial elements as well. \$50,000 awarded. (7/11/06)

24. Patrice Eydoux. Dr Patrice Eydoux, of the University of British Columbia and Director of the Cytogenetics Laboratory of the British Columbia Children’s Hospital, “Implementation of Array Genomic Hybridization (AGH) as a clinical tool for the detection of submicroscopic chromosome abnormalities.” He observed that there are two projects in progress, using different technologies, one funded by Genome Canada for the GTDEM technology, and the other for which funds are requested from the Arc of Washington Trust Fund for the SMRT technology. The researchers are interested in determining which analytic method is more effective or whether, perhaps, a new scheme using both would be better. Thus, they wish to compare the two technologies. \$50,000 in US funds awarded with conditions. (10/10/06)

25. Gabriela Martorell. Dr Martorell, of Portland State University, “Latina Mothers and Their Children with Down Syndrome.” The proposal involves a cross-sectional study focusing on the influence of a support group on the variables, including coping, child difficulty, parental attributions, etc., associated with parenting a Down Syndrome child. The research participants will be Latino families in the Atlanta area. \$10,000 awarded. (4/10/07)

26. Marquell Johnson and Jeffrey A. McCubbin. Mr Johnson, a doctoral candidate at Oregon State University in the Department of Nutrition and Exercise Sciences, sponsored by Professor Jeffrey A. McCubbin, “The Validity for Self-Report with Assistance to Measure Physical Activity Behavior in Adults with Intellectual Disabilities.” The proposal involves the testing of the validity of self-reports of physical activity by adults with intellectual disabilities with the use of accelerometers and pedometers and measuring dietary intake. \$9,925.00 awarded. (4/10/07)

27. Brinda I. Jegatheesan. Dr Jegatheesan, of the University of Washington College of Education, “Diagnosis and Post-diagnosis Period: needs and supports reported by Asian immigrant families of young children with developmental disabilities.” The purpose of the proposal is to examine and document the experience of 25 Asian immigrant families with children with developmental disabilities with the health practice community during the diagnosis and post-diagnosis period, the different kinds of needs and supports, and the families’ conceptualization of their child’s disability. \$25,000 awarded. (4/10/07)

28. Geraldine Dawson, Jessica Greenson and Susan Faja. Dr Greenson, a research scientist, and Ms Faja, a graduate student research assistant in the Autism Center at the University of Washington, sponsored by Professor Geraldine Dawson, Center director, “System Stability of Toddlers with Developmental Delays.” The proposal involves a follow-up study of toddlers who had exhibited developmental delays when aged 18-30 months but not autism; the follow-up would occur after those same children turn 3 years of age to determine if they had developed an autism spectrum disorder. \$19,580 awarded. (7/9/07)

29. Kathleen Watson. Dr Watson, of the University of Washington Center on Human Development and Disability, “Changes in Bone Mineral Density and Fracture Incidence of Residents in a Residential Habilitation Center Following Initiation of an Osteoporosis Screening and Treatment Standard.” The purpose of the proposal is to examine and document bone density, treatments and fracture rates through collecting data from the subject population retrospectively and analyzing them. The data would be obtained from the remarkably complete medical records at Rainier School. \$24,997 awarded. (7/9/07) *

30. Sherrie Brown. Professor Brown, a Research Professor of the College of Education at the University of Washington, “Juvenile Justice and Youth with Intellectual/Developmental Disabilities: Investigating the Special Education Connection.” The proposal looked to answer questions related to how youth with intellectual/developmental disabilities become involved in the system, how to prevent such involvement, and if youth are incarcerated, how to ensure appropriate interventions to maximize successful outcomes. \$10,000 awarded. (4/2/12)

31. Patricia Korzekwa Hampshire. Assistant Professor in the Department of Special Education & Early Childhood Studies at Boise State University, “Middle school students with Autism Spectrum Disorders (ASD) that struggle with homework routines.” The proposal focused on middle school students with Autism Spectrum Disorders (ASD) that struggle with homework routines and used an intervention that combined the use of technology, self-management strategies and parents as interventionists. (10/10/12)

32. Pat Brown. Pat Brown of the UW Employment Program at the University of Washington, “Assistive Technology and Employment: A case study of the efficacy of assistive technology in community employment settings for individuals with intellectual disabilities.” The proposal involved an in-depth case study approach to describe the demands in community employment settings for individuals with intellectual disabilities and how assistive technology may (or may not) mitigate these demands. \$10,000 awarded. (4/2/13)

33. Colleen Harker. Ms Harker is a Clinical Psychology Graduate Student at the University of Washington Research in Early Autism Detection & Intervention (READI) Lab, under the advisement of Dr. Wendy Stone, “Evaluate the effectiveness of the Parent-to-Parent (P2P) program in the state of Washington, particularly for ethnic minority families.” The proposed research project will evaluate the strengths of the existing P2P model, and also provide information about new areas of need in the community and ways in which the program can be improved. This project will provide valuable pilot data, which can inform future grant submissions for larger research projects. \$10,000 awarded. (10/15/2013)

34. Pat Brown. Pat Brown of the UW Employment Program at the University of Washington, “Parenting with Intellectual/Developmental Disabilities”. The proposal was to 1) provide the preliminary data needed to more accurately determine the prevalence of involvement with CPS at the birth of their child for parents with I/DD, 2) describe the self-reported issues encountered by parents with I/DD, their support network (including case resource managers) and CPS investigators to parenting with intellectual disabilities and 3) summarize the current state of the science in supporting parenting with I/DD. \$10,000 awarded. (12/9/2014)

35. Marilisa Elrod, MD, PhD. Dr. Elrod is a Developmental and Behavioral Pediatrics Fellow at Madigan Army Medical Center, “The Impact of Residential and School Mobility on Children with Autism Spectrum Disorders”. This project aims to describe the impact of residential and school mobility on academic achievement and provision of academic and community services for children with autism spectrum disorders (ASD). \$10,000 awarded. (10/22/2014) *

36. Carly A. Roberts, PhD. Dr Roberts is a junior faculty member at the University of Washington, “Using Lesson Study to Improve Preservice Teachers’ Capacity for Implementing Evidence-Based Practices for Students with Significant Disabilities”. \$10,000 awarded. (10/19/2015)

37. Elizabeth Karp, Elizabeth Karp is a Clinical Psychology Graduate Student at the University of Washington, “Factors contributing to parents’ fidelity in implementing intervention with toddlers at risk for ASD”. The project looks at the effects of high levels of stress on successful implementation of intervention by parents of children with ASD have not yet been examined, yet have important implications for designing parent-friendly interventions that will improve parents’ well-being as well as optimize their child’s progress. \$10,000 awarded. (10/19/2015) *

38. Rachel Follmer, MD Rachel Follmer is a Developmental Behavioral Pediatric Fellow at the University of Washington, “Providing Primary Care for Adolescents and Young Adults with Intellectual and Developmental Disabilities including Autism Spectrum Disorders–Needs Assessment”. In an attempt to better understand the needs of adult serving providers, she created an online needs assessment, to identify specific gaps in knowledge and skills important for successful transition from the pediatric to the adult health care setting for individuals with IDD/ASD and their families. \$10,000 awarded. (10/18/2016) *

39. Ariane N. Gauvreau, PhD, BCBA-D Ariane Gauvreau is a Teaching Associate, Special Education, University of Washington, “Preparing Family Centered Early Childhood Special Educators: Understanding the Importance of Authentic Field Experiences”. Findings will shed light on alternative and perhaps more authentic and meaningful ways of preparing pre-service teachers to effectively partner with families. It is possible that hands-on field experiences such as the Families as Mentors Program may be powerful ways of facilitating family centered beliefs and practices that enable pre-service teachers to support a wider range of diverse children and families. \$10,000 awarded. (10/18/2016) *