CURRICULUM VITAE Burris Duncan, MD

EDUCATION

Premedical: Washington University, St. Louis, MO AB Degree Medical: University of Kansas, Kansas, City, KS MD Degree Internship: District of Columbia General Hospital, Washington, DC		1951-1954 1954-1958 1958-1959
Residency:	Pathology	1959-1960
Pe Si	University of Maryland, Baltimore, MD Pediatrics St. Christopher's Hospital for Children. Philadelphia, PA	1962-1964
	Chief Resident	1964-1965

ACADEMIC AND OTHER APPOINTMENTS

Instructor, Department of Pediatrics University of Colorado Medical Center	1965-1967
Associate Director, Birth Defects Center Department of Pediatrics, U of Colorado Medical Center	1965-1967
Director, Community Pediatrics	1967-1970
Eastside Neighborhood Health Center, U of CO Medical Center	
Director, Pediatric Outpatient Department	1970-1975
University of CO Medical Center Assistant Professor, Department of Pediatrics	1967-1972
Associate Professor, Department of Pediatrics	1972-1975
Director of Project HOPE's Land-based Program, Natal, Brazil	1975-1978
Visiting Professor, Department of Pediatrics	1975-1978
Federal University of Rio Grande do Norte, Natal Brazil	
Associate Professor, Department of Pediatrics	1978-1984
Arizona Health Sciences Center	
Primary Care Physician, Children's Clinic for Rehabilitative Services	1997-2005
Section Chief, General Pediatric Section	1981-1986
Dept. of Pediatrics, AHSC	
Professor, Department of Pediatrics, AHSC	1984-present
Professor, College of Public Health, AHSC	1997-present
Arizona Health Sciences Center	
Professor Emeritus	2006-present

LICENSES, CERTIFICATES AND PROFESSIONAL SOCIETIES

Diplomate of the National Board of Medical Examiners, 1959 State License in Colorado, No. 15243, 1966; in Arizona No. 2210, 1978. Certified by the American Board of Pediatrics, 1966 Fellow, American Academy of Pediatrics, 1967-present Ambulatory Pediatric Association, 1971-present Western Society for Pediatric Research, 1974-present Sociedade Brasileira de Pediatria, 1976-78 American Public Health Association, 1978-present American Pediatric Society, 1980-present

AWARDS AND HONORS

- Duncan, B.R., and Schmitt, B.D.: Teaching Award, Western Society for Pediatric Research, Ross Laboratories, Carmel, California, January 1973.
- Silver, H.K., and Duncan, B.: Dedication of Book, Pediatric Physical Diagnosis for Nurses by Alexander, M.M., and Brown, M.S. 1974.
- Homenagem from the Residentes e Faculdade de Pediatria of the Universidade Federal do Rio Grande do Norte (Natal Brasil, July 11, 1978).
- Diploma de Socio Honarario, Sociedade de Pediatria do Rio Grande do Norte (Natal, Brasil, July 28, 1978).
- Medalha de Merito Universitario Grau de Grande Conselheiro from the Universidade Federal do Rio Grande do Norte (Natal, Brasil, August 10, 1978).
- Otitulo Honorifico de Cidadao Natalense from the Camara Municipal do Natal (Brasil, 8/78)
- Homenagem from the Departamento de Enfermagem (Nursing) of the Universidade Federal do Rio Grande do Norte (Natal, Brasil, August 11, 1978).
- Homenagem, Secretario de Saude do Rio Grande do Norte (Natal, Brasil, August 11, 1978).
- Certificate of Recognition by the Arizona Occupational Therapy Association. (Phoenix, Arizona, April, 1988)
- One of 16 Clinical Faculty nominated by U. of Arizona Medical School Class of 1989 & 1990 for Clinical Teacher of the Year.
- Community Recipient: International Good Human Relations Award Carnegians, (Tucson, 7/90). Dean's List for Excellence in Teaching in the Clinical Sciences October, 1992.
- Certificate of Appreciation to Medical Education of the Class of 1995 U. of Arizona, College of Medicine
- Certificate for Outstanding Service to Children. Presented as part of the recognition of St. Andrew's Crippled Children's Clinic: A Jubilee Ministry. Nogales, AZ. 9/93
- "Golden Glove" Award. Presented by the UMC/UPI Infection Control Liaisons. 10/93.
- Nominated, but not selected, by the College of Medicine Class of 1994 for the Clinical Science Educator of the Year.
- Dean's List for Excellence in Teaching in the Clinical Sciences. April 27, 1995
- In Appreciation for Service to Children-St. Andrew's Crippled Children's Clinic. 6/95.
- Listed in the International Who's Who of Professionals. 1995
- Honored at the Fall Reception "Advocating for Health Care Rights: Making a Difference. Arizona Center for Disability Law: 11/12/98
- Outstanding Provider from Arizona Department of Economic Security Comprehensive Medical and Dental Program, 1998
- American Academy of Pediatrics Arizona Achievement Award, 2003: Exceptional Work to Increase Access to Health
- Rosa Award: Tucson Health Care Provider of the Year for Disabled Persons: 2003 Arizona Medical Association's Humanitarian Award, 2004
- American Academy of Pediatrics Senior Section's "Child Advocacy Award", 2004.
- Garden Dedicated to Duncan at Children's Clinic for Rehabilitative Services 2006
- One of several finalists for the 2007 Tucson Citizen of the Year Award from the Volunteer Center of Southern Arizona.
- Academy of Pediatrics AZ Chapter's Achievement Award 2003-Exceptional work to increase Access to Health.

Assoc. of U. Centers on Disabilities 2011 Multicultural Council Award for Leadership in Diversity presented to the Sonoran UCEDD's Disability and Border Communities Workgroup Border Conference on Disabilities (Chair of this working group)

The 2011 Vernon and Virginia Furrow Award for Excellence in Clinical Science Teaching for Medical Students

Andy Nicols Award from Arizona Mexico Commission to ARSOBO June 8, 2012

2012 Lifetime Service Hillman Award for Lasting Contributions to Global Child Health presented by the AAP's Section on International Child Health, October 20, 2012

SERVICE/OUTREACH

U.S. Public Health Service	1960-1962
"Research Pathology"	
Occupational Health Division	
Cincinnati, Ohio	
Inactive Reserves	1962-1998
Grade: Captain	1980
Medical Consultant of Colorado Migrant Council	1967-1975
Head Start Program	

Planning meeting for Migrant Head Start Medical Consultants, Provo, Utah, 1969.

Medical Consultant for Colorado Outward Bound, Winter session in Chihuahua, Mexico, 1969. Video presentation for Boulder, Colorado, School Districts: The Pre-School Years. Selected

Aspects of Physical and Psychological Growth and Development, 1974.

Medical Consultant for Montview Pre-School. (Denver, Colorado) Professor Visitante with Project Hope and Faculdade de Medicine,

Universidad Federal de Alagoas, Maceio, Brasil. (Feb.-April, 1973).

Developed Pediatric component of St. Andrew's Children's Clinic, 1978

Volunteered at the Clinic, 1978-2000

Medical Consultant for Tucson Unified School District I, 1979-1981.

Visiting Professor: Universidad Autonoma de Guadalajara, Guadaajara, Mexico, 1980, 1981. Editorial Consultant/Reviewer for

- Clinical Pediatrics
- American Journal of Diseases of Children
- Pediatrics
- Ambulatory Pediatrics
- Journal of Child Neurology

Reviewer for National Research Council

Panel Member to Review Health Proposals under Agency for International Development

Research Program for Historically Black Colleges and Universities. National Research Council, January, 1988.

Instructor for Pediatric Advanced Life Support Course. 1989

Development of Data Base for Fellows of the American Academy of Pediatrics who are interested in International Health. Fall 1989.

Instigator for the American Academy of Pediatrics' role in a world- wide campaign to eliminate measles. Fall 1989.

Consultant for Project HOPE

Fortaleza, Brasil. Primary Health Care Project, 3 months 1988 Malawi, Africa. Child Survival Project, 1 month - 1989 Maternal Mortality Community Survey Dominican Republic. Feasibility and Appropriateness of a New Children Hospital 1990.

Dominican Republic. Development of Child Survival Program in Peri-urban Slum Area of Santo Domingo, Nov. 1991.

Editores Contribuyentes. Texto de Reanimacion Avanzada Pediatrica. Traduccion al Espanol. American Heart Association and American Academy of Pediatics.1993.

Faculty - Commitment to Underserved Populations. 1989-present

- Peer Reviewer AAP and AAFP and AAO-HNS for the Clinical Practice Guidelines on Otitis Media.January, 1994.
- Reviewer Family Health International (FHI) for the National Institute of Allergy and Infectious Disease/National Institutes of Health. 1994-present
- Member of Special Review Committee for Family Health International for "Subcontract for prepartory AIDS Vaccine Evaluation Studies and Non-Vaccine Preventive Intervention Trials. 6/1994.
- Visiting Professor: Maternal and Child Health Hospital in Wuhan, Hubei Provinence, People's Republic of China Wuhan Children's Hospital in Wuhan, Hubei Provinence, People's Republic of China. Zhengzhou Children's Hospital in Zhengzhou, Henan Provinence, People's Republic of China Anhui Children's Hospital in Hefei, Anhui Provinence, People's Republic of China. Canada China Child Health Foundation. August 1994

Organized and directed the Border Disability Conference in Nogales, Sonora 10/10 and 4/11 Developing an NGO in Nogales, Sonora to construct wheel chairs and other medical devices for individuals with disabilities

A Section Editor for the journal: "American Academy of Pediatrics Grand Rounds" 2009-present

Tucson, Arizona

ACCORD Board Member	1980-1981
ACCORD Chairman	1981
Directors' Council: Tucson Pre-Hospital Care Committee	1981-1983
University of Arizona's Sports Development Program	
Advisory Board	1981
Medical Records Committee, Kino Community Hospital	1983
Secretary/Treasure, Medical Executive Committee	
Children's Rehabilitation Service	1991-1993
Vice President, Medical Executive Committee	
Children's Rehabilitative Services	1933-1995
President, Medical Executive Committee	
Children's Clinics for Rehabilitative Services	
1995-1997	
Medical Director for Tu Nidito Children's Hospice	1996-1997
Member: Advisory Board for Tu Nidito	1996-present
Chairman, Board of Directors for Common Unity	2001-present
Member, Family Builders Advisory Committee	
Our Town Family Center	2001-present
Member, Board of Directors: Little Chapel of All Nations	2007-present
Member, Board of Directors: Human for Children	2007-present
Member, Board of Directors: Children's Success Academy	2008-present
Arizona	
State Liaison Representative (Arizona) to the	
American Academy of Pediatrics Committee on Practice	
& Ambulatory Practice	1981
Arizona/Mexico Commission	1982-1984

4

1982

Ad Hoc Committee to Establish Rules and Regulations for Arizona's Cost Containment Health Care Bi11.

Secretary: Arizona State Chapter of AAP Associate Staff: Children's Rehabilitative Services Active Staff: Children's Rehabilitative Services Chairperson - International Health Committee of AZ Chapter of AAP Executive Board Member: AZ Consortium for Chronically III Children	1984-1986 1986-1987 1987-present 1989 1992-1994
National	
Member: Committee of Ambulatory Pediatric Association	4070
to Develop National Guidance for Pediatric Ambulatory Fellowship Member: Section Council of the International Health	os 1972
Section of American Public Health Association	1979-1982
Member: Committee on International Interest Group of Ambulatory Pediatric Association	1979-1982
Member: U.S. Mexican Border Health Committee for American	1001 1002
Academy of Pediatrics (Invited Member) Member: Nominating Committee for Section on Community Pediatrics	1981-1983
of American Academy of Pediatrics	1993
Member: National Council for International Health Member: Executive Committee of the Section on Community	1983
Pediatrics of the American Academy of Pediatrics	1984-1988
Member: Task Force for International Child Health: AAP Chairman: Task Force for International Child Health AAP	1987-1988 1988-1989
Chairman: Provisional Committee for International	1000 1000
Child Health AAP Chairman: Committee for International Child Health AAP	1989-1993 1993-1996
Chairperson: Section on International Child Health AAP	1996-2000
Arizona Chapter Co-ordinator for AAP's Pediatric	
Research in Office Settings	1987-1989
Member: Board of Medical Directors, Project HOPE AAP Representative to International Maternal & Child Health	1989-1990
Committee of Am Public Health Association	1989-1993
Chairman: Steering Committee of the AAP's	1993-1997
Pediatric Division of Health Volunteers Overseas (HVO)	
US co-ordinator for HVO's Program in Uganda	1995-1998
Advisory Board Peter Pan Foundation	1997-1998
Member: Board of Directors, International Hospital for Children	1999-2001
Standing Committee of the International Pediatric Association	1999-2004
Co-Editor Newsletter for the Section on International Child Health	
American Academy of Pediatrics	2001-present
Co-Editor Newsletter for the International Pediatric Association	2001-2002
Member: Editorial Board AAP Grand Rounds	2008-present
COMMITTEE MEMBERSHIPS	
University of Colorado Medical Center	
Outpatient Department Committee	970-1975

975
975
975

University of Arizona Health Sciences Center

Pediatric Student and Resident Educational Planning	
Committee, AHSC	1976-1978
Curriculum Coordinator: Pediatric Group Practice	1978-1981
Director of Pediatric Residency Program	1979-1981
Member - Pediatric House staff Committee	1981-1988
Promotion & Tenure Committee, Dept. of Pediatrics	1980-1983
Finance Committee, Department of Pediatrics	1981-1986
Educational Committee, Department of Pediatrics	1981-1984
Search Committee Neonatology Section Chief	1980
Member: Nutrition Section, Dept. of Pediatrics	1980-1987
Emergency Room Committee for Hospital	1981-1983
Ambulatory Care Committee for Hospital	1981-1986
Utilization Review Committee for Hospital	1979-1984
Admissions Committee for Medical School	1982-1983
Director, Pediatric Outpatient Department	1981-1986
Director, Normal Newborn Nursery	1983-1984
Task Force: AHSC and Kino Community Hospital	1984
Task Force - Group Practice and AHSC	1984
Chairman, Unification of Pediatric Services/Pima County	1984
Member: Search Committee for Chief of Pediatric	
Genetic/Dysmorphology Section	1985
Member: Professional Evaluation Committee	1986-1989
Member: Promotion & Tenure Committee, Dept. Ped.	1987-1990
	1991-1995
Member: Quality Assurance Committee for Department	1987-1989
Member: Quality Assurance Committee for UPI	1989-1991
Member: Search Committee for Director of Pediatric	
Residency Program	1989
Member: Search Committee for Section Chief of	
Hematology/Oncology	1990
Faculty: Committed to Underserved Populations (CUP)	1990-2000
Member: Arizona Council of Attorneys for Children	1990-1994
Member: Committee for Academic Review of Dept. of Family	
& Community Medicine	1991
Code of Scholastic Conduct for Medical School	1992
Co-Director, International Health Program, College of Medicine	1992-1993
Member: Curriculum Committee for Arizona Graduate	(000
Program in Public Health	1993
Member: Committee on Mission, Standards, Procedures &	4000
Quality Management MPH Program	1993
Faculty of the Arizona Prevention Center	1996-2000
Joint Appointment College of Public Health	2000-present

PUBLICATIONS

- Duncan BR, Schell LD, Fairchild EJ, Killens R, Graham S: Toluene Disocyanate Inhalation Toxicity: Pathology and Mortality. American Industrial Hyg Assoc J 1962:23:447-56.
- 2. Wagner WD, Duncan BR, Wright PG, et al: Experimental Study of Threshold Limit of NO2. Arch Env Health (Chicago) 1965:10;455-66.
- 3. Duncan BR, Dohner A, Priest J: Gardner's Syndrome The Need for Early Diagnosis. J Pediatr 1968:72;497-505. Abstracted in Yearbook of Pediatrics 1969, p. 420.

- 4. Frankenburg WK, Duncan BR, et al: Director of Child Health Services in Colorado (1967, Revised 1971).
- Kirsch WM, Duncan BR, Black O, Stears J: Laryngeal Palsy in Association with Myelomeningocele, Hydrocephalus and the Arnold Chiari Malformation. J Neurology 1968:28;207-214.
- 6. Frankenburg WK, Duncan BR, et al: Maternal Phenylketonuria: Implication on Growth and Development. J Pediatr 1968:73;560-570.
- 7. Duncan B, Kempe CH: Joint Education of Medical Students and Allied Health Personnel. Amer J Dis Child 1968:116;499-504.
- 8. Helfer R, Duncan B, Riley C: Community Health Projects in Pediatrics; Checklist and Pitfalls. Clin Pediatr 1969:8;537-39.
- 9. Duncan B, Smith AN, Silver HK: Comparison of the Physical Assessment of Children by Pediatric Nurse Practitioners and Pediatricians. AJPH 1979:61;1170-76.
- Duncan B: Time and Motion Study of Nurses, Pediatric Nurse Practitioners and Pediatricians in Three Different Settings. Prepared by Bureau of Sociological Research, University of Colorado, Boulder, Colorado, 1970; 60-71.
- 11. Silver HK, Duncan B: Time-Motion Study of Pediatric Nurse Practitioners: A Comparison with "Regular" Office Nurses and Pediatricians. J Pediatr 1971:79;331-36.
- 12. Duncan BR, Lubchenco LO, Hansman C: Growth Charts for Children 0-18 Years of Age. Pediatr 1974:54;497.
- 13. Todd JK, McLain L, Duncan BR, Brown M: A Non-Culture Method for Home Follow-up of Urinary Infection in Childhood. J Pediatr 1974:84;514. Abstracted in Yearbook of Pediatrics, 1976, p. 222.
- 14. Ashbach N, Duncan B, Kontnik H, Valenzuela R: Medical School and Elementary School: A Cooperative Experiment. J School Health 1974:44;458.
- 15. Kahn R, Duncan, B: Spontaneous Opening of Congenital Imperforate Hymen. J Pediatr 1975:87;768. Abstracted in Yearbook of Pediatrics, 1977, p. 228.
- 16. Barkin R, Barkin S, Duncan B, et al: The Vietnamese Orphans: A Recent Arrival. Rocky Mt Med J 1975:340.
- 17. King C, Barnett S, Duncan B: The PNP in a University Hospital Pediatric Group Practice. Pediatr Nursing. 1977: Jan-Feb.
- 18. Duncan B, Smith AN, Briese FW: A Comparison of Growth: Spanish-Surnamed with Non-Spanish-Surnamed Children. AJPH 1979:69:903.
- 19. Duncan B, Fulginiti V, Sieber O, Ryan K: Shigella Sepsis. Am J Dis Child 1981:135;151. Abstracted in International Synopsis, Dec., 1981.
- 20. Dyer JE, Duncan B: Type I Hyperlipoproteinemia: Dietary Control in the First Year. Accepted for Publication in J. Pediatr, 1982.
- 21. Boyce WT, Sprunger L, Duncan B, Soboleski S: A Survey of Physician Consultations in an Urban School District. J.School Health 1983:53;308.
- 22. Duncan B, Banner W, Ruggill J: Emergency Drills Using Animal Models. Annals Emergency Medicine 1983:12;164.
- 23. Duncan B, Puffenbarger N, Boyce T, Itami R: A Physical Fitness Program in Fifth Grade Students. J. School Health 53, October, 1983.
- 24. Duncan B, Schaefer C, Sibley B, Fonseca NM: Growth in the Exclusively Breast-Fed Infant. Am J Dis Child 1984:138;309-13.
- 25. Duncan B, Schifman R, Corrigan JJ, Schaefer C: Iron and the Exclusively Breast-Fed Infant from Birth to Six Months. J Ped Gast and Nut 1985:4;421-425.
- 26. Williams RL, Duncan B: Reduced Growth Velocity in Exclusively Breast-Fed Infants. J of Perinatology 1986:6(3);211-215.
- 27. Weiss BD, Duncan B: Bicycle Helmet Use by Children: Knowledge and Behavior of Physicians. AJPH 1986:76;1022-23.
- 28. Santosham M, Burns B, Letson B, Duncan B, et al. Glycine-Based Oral Rehydration

Solution Reassessment of Safety and Efficacy. Pediatr 1986:109; 795-801.

- 29. Rachesky I, Boyce WT, Duncan B, Bjelland J, Sibley B: Clinical Prediction of Cervical Spine Injuries in Children. AJDC. 1987:141;199-201.
- 30. Duncan B, Dalby S. Taussig L: The Pediatric Forum. A 1-Month Elective in International Health for Senior Pediatric Residents. Am J Dis Child. 1989:143;1389.
- 31. Bezerra JA, Duncan B, Udal JN: Dietary Management of Acute Diarrhea: Fast or Feed? Internat. Pedr. 1990;5(1):30-36.
- 32. Glasser L, Duncan B, Corrigan JJ. Measurement of Serum G-CSF in a Patient with Congenital Agranulocytosis (Kostmann's Syndrome). AJDC. 1991, 145:915-928. Abstracted in Extracta Paediatrica, 1991;10:15.
- 33. Galal OM, Duncan B. Travel with Children in Arab Countries. Seminars in Pediatric Infectious Diseases. March 1991.
- 34. Ey JL, Duncan B, Barton LL, Buckett G. The Influence of Preschool Pertussis Immunization on an Epidemic of Pertussis. Pediatr Infect Dis J 1991;10:576-578. Abstracted in Vaccine Bulletin Clinical Update. March 1992.
- 35. Bezerra JA, Stathos TH, Duncan B, Gaines JA, Udall JN. Treatment of Infants with Acute Diarrhea: What is Recommended and What is Practiced? Pediatr 1992;90:1-4. Abstracted in Clinical Digest Series. Fall, 1992.
- 36. Bezerra JA, Duncan B, Anderson F: Radiological Case of the Month. Hospital Practice, H.P. Publishing 1992.
- Chiphangw JD, Zamaera T, Graham W, Duncan B, Kenyon T, Chinyama R. Maternal Mortality in Thyolla District of Southern Malawi. The East African Medical Journal 1992;69:675-679.
- Duncan B, Harrison GG, Feldman CM, Gardner J: Linear Growth Patterns in Infancy and Early Childhood: A Re-Evaluation. Pediatric Reviews and Communications, 1993;7:27-31.
- 39. McAuliffe J, Falco L, Duncan B. Growth monitoring Can Illiterate Women Understand the Concept. J Trop Pediatr. 1993;39:370-372.
- Duncan B, Ey J, Holberg CJ, Wright AL, Martinez FD, Taussig LM. Exclusive Breast-Feeding for at Least Four Months Protects Against Otitis Media. Pediatr 1993;91:867-872.

Abstracted in the Office Pediatrics section of Current Opinion in Pediatrics April 1994. 41.Duncan B, Barton LL, Eicher ML, Chmielarczyk VT, Erdman SH, Hulett RL.

- Medication-induced pneumatosis intestinalis. Pediatr. 1997;99:633-636. Abstracted in the Year Book of Pediatrics. 1998.
- Duncan B, Barton LL, Lloyd J, Marks-Katz M. Dietary considerations in osteopenia in tube-fed non-ambulatory cerebral palsy children. Clinical Pediatrics. March. 1999;38:133-137.
- 43.Lee P-C, Struve MF, Bezerra J, Duncan B. Effects of protein malnutrition on liver cytochrome P450s. In press.
- 44. Torjesen K, Mandalakas A, Kahn RS, Duncan B. Survey of pediatric residency programs offering international child health electives. Archives Pediatrics & Adolescent Medicine. 1999;153:1297-1302.
- 45. Duncan B, Canfield L, Barber B, Greivenkamp J, Oriokot FO, Naluyinda F. The Night Vision Threshold Test (NVTT): a simple, instrument for testing dark adaptation in young children. Journal of Tropical Pediatrics. 2000;46:30-5.
- 46. Mauersberger K, Artz UK, Duncan B, Gurgevich S. Can children with cerebral palsy use self-hypnosis to reduce their muscle spasticity? Integrative Medicine. 1999;2:93-96.
- 47. Shrestha AK, Duncan B, Taren D, Canfield LM, Greivenkamp JE, Shrestha N, Shrestha KK. Use of night vision threshold test (NVTT) to detect vitamin A deficiency among Pregnant nepalese women. J of Tropical Pediatrics
- 48. Zawaideh MA, Duncan B, Dixit MP. Treatment of chronic hypertension by intravenous

route. Pediatr Nephrol 2000.

- 49. Shrestha AK, Duncan B, Taren D, Canfield LM, Greivenkamp JE, Shrestha N, Shrestha KK A new, simple, inexpensive means of testing functional vitamin A status: the night vision threshold test (NVTT). A preliminary field-test report. J of Tropical Pediatrics. August 2000.
- 50. Sanders H, Davis MF, Duncan B, Meaney FJ, Haynes J, Barton LL. Use of Complementary and alternative therapies among special needs children. Pediatrics
- 51. Ferreira J, Duncan B. Biofeedback-assisted hypnotherapy of warts in an adult with developmental disabilities: a case report. Alternative Therapies in Health and Medicine. June, 2002;18(3).
- 52. Davis MF, Meaney FJ, Duncan B. Factors influencing the use of complementary and alternative medicine in children with special needs. J.Alternative & Complementary Medicine. 2004;10(5):740-2.
- 53. Duncan B, Barton L, Edmonds D, Blashill BM. Parental perceptions of the therapeutic effect from osteopathic manipulation or acupuncture in children with spastic cerebral palsy. J Clinical Pediat. 2004;43:349-553.
- 54. Elliott SP, Villar R, Duncan B. Evaluation and management of bacteriuria in patients with spina bifida and neurogenic bladder: a multicenter survey. Accepted for publication in J Urology.
- 55. Taren D, Duncan B, Shrestha K, Shrestha N, Genaro-Wolf D, Schleicher RL, Pfeiffer CM, Sowell AL, Greivenkamp J, Canfield L. NVTT failure is a better predictor of low serum vitamin A concentration than self-reported night blindness in pregnant women. accepted for publication in J Clin Nutr.
- 56. Davis MF, Meaney FJ, Duncan B. Factors influencing the use of complementary and alternative medicine in children. Journal of Alternative & Complementary Medicine. 2004;10(5):740-2.
- 57.Davis MF, Worden K, Clawson D, Meaney FJ, Duncan, B. Confirmatory Factor Analysis in Osteopathic Medicine: Fascial and Spinal Motion Restrictions as Correlates of Muscle Spasticity in Children With Cerebral Palsy. J Am Osteopath Assoc 2007 107:226-232.
- 58.Duncan B, Harris G, Reedy J, Krahe S, Gillis R, Laguna L. Common/Unity: an innovative program to address three root causes of many of the social ills seen in adolescents. Clinical Pediatrics 2008;47(3):280-288.
- 59. Duncan B, McDonough-Means S, Andrews J, Worden K, Schnyer R, Meaney FJ. The effectiveness of cranial sacral osteopathic manipulation or acupuncture as complementary treatments for children with spastic cerebral palsy. J Am Osteopath Assoc 2008;108 559-570.
- 60.McGibbon N, Benda W, Duncan B, Su Y. Role of hippotherapy in the management of adductor spasticity in children with spastic cerebral. Accepted for publication in Arch Phys Med Rehabil 1-09.
- 61. Han T-L, Gray N, Vasquez M, Zou L-P, Shen K, Duncan B. Comparison of the GMFM-66 and the PEDI Functional Skills Mobility Domain in a Group of Chinese Children with Cerebral Palsy. *Child: Care, Health & Development. Child Care Health Dev. 1;37(3):398-403.*
- 62.Duncan B, Zou L-P, Han T-L, Shen K, Zhegh-L L, Zheng H, Walsh M, Venker C, Su Y, Schnyer R, Caspi O. Evaluating intensive rehabilitation therapies with and without acupuncture for children with cerebral palsy: a randomized controlled trial. Accepted for publication in the Archives of Physical Medicine and Rehabilitation December 2011.
- 63. Makhoul Z, Taren D, Duncan B, Pandey P, Thomson C, Winzerling J, Muramoto M, Shrestha R. Risk factors associated with anemia, iron deficiency and iron deficiency anemia in rural Nepali pregnant women. Southeast Asian J Trop Med Public Health. 2012;43:735-746.
- 64. Hanson M, Englberger L, Duncan B. Taren D, Mateak H, Johnson E. An Evaluation of a

Nutrition Intervention in Kapinga Village on Pohnpei, Federated States of Micronesia. Pacific Health Dialog. 2011;17:173-184.

ABSTRACTS-LETTERS-REVIEWS-PUBLICATIONS IN UNREFERRED JOURNALS

- 1. Frankenburg WK, Duncan B: Maternal Pheylketonuria: Implications on Growth and Development. Pediatr Res 1968;2:301.
- 2. Silver HK, Duncan BR: Evaluation of the Pediatric Nurse Practitioner. Pediatr Res 1969;3:347.
- 3. Duncan BR, Barnett S: Pediatric Group Practice: An Educational Simulation Model for House Officers. Pediatr Res 1972;6:327.
- 4. McLain L, Todd J, Duncan B, Brown M: A Significant New Method for Detection of Bacteriuria in Children. Clin Res 1974;22:232a.
- 5. Barkin RM, Duncan B: Broken Appointments: Questions, Not Answers. Pediatr 1975;55:747.
- 6. Katz FH, Duncan B: Entry of Prednosone into Human Milk. Letter to the Editor, Lancet. 1975; Nov. 27, p 1145.
- 7. Duncan B, Smith AN, Bricse FW: A Comparison of Growth, Spanish-Surnamed with Non-Spanish-Surnamed Children. Annual Meeting APHA, 1978.
- 8. Boyce WT, Sprunger LW, Duncan B, Sobolewski S: A School Health Consultation Program: The First Year. Twenty-First Annual Meeting of Ambulatory Pediatric Association, 1981.
- 9. Duncan B, Boyce WT, Itami R, Puffenbarger N: Fifth Grade Physical Fitness Program. Twenty-First Annual Meeting of Ambulatory Pediatric Association, 1981.
- 10. Banner W, Duncan B, Jackson J: An Animal Model for Teaching the Diagnosis and Treatment of Pediatric Poisoning. I982 International Congress of Clinical Toxicology, August I982.
- 11. Sprunger LW, Boyce WT, Duncan B: Consultants to Schools. Letter to the Editor. Pediatr 1983;71:146.
- 12. Duncan B, Schifman R, Corrigan JJ, Schaefer C: Serum Ferritin in Exclusively Breast-Fed Infants from Birth to Six Months: Pediatr Res 1983;I7:I86A.
- Duncan B, Schaefer C, Fonseca NM: Growth in the Exclusively Breast-Fed Infant: Twenty-Third Annual Meeting of Ambulatory Pediatric Association, I983.Am J Dis Child. 1984;138:309-13.
- 14. Duncan B: Book Review: Basic Clinical Parasitology by Brown HW and Neva FA. Ed. 5. Am J Dis Child 1983;I37:704.
- Rachesky IJ, Boyce WT, Duncan B, Bjelland J, Sibley B: Clinical Prediction of Cervical Spine Injuries in Children. Program and Abstracts of Ambulatory Pediatric Association, May 1985.
- 16. Duncan B: Book Review. The State of the World's Children I984 edited by James P. Grant. Am J Dis Child 1985;139:45.
- 17. Duncan B: Book Review. Manual of Emergency Pediatrics edited by Robert M. Reece. Am J Dis Child. 1985;139:I26.
- 18. Duncan B: Article. Pediatric Clinic in Douglas. AZAHEC LINK, January, 1986.
- 19. Duncan B: Book Review. Infectious Diarrheal Diseases, Current Concepts and Laboratory Procedures. Edited by Paul D. Ellmer, Ped Gast and Nut. 1987;6: 487.
- 20. Klein M, Duncan B: Identification and Intervention with Pediatric Feeding Disorders. Submitted to Annual Ambulatory Pediatrics Meeting, 1988.
- Duncan, B: Book Review. Food Allergy edited by R.K. Chandra. Nutrition Research Education Foundation, St. John's, Newfoundland, Canada, 1987, 387 pages. For J. Perenteral and Enteral Nutrition.
- 22. International Health: Opportunities for Involvement. AAP News, July 1988 International

Health Committee of Arizona Chapter of AAP. Chapter Newsletter, Spring, 1989.

- 23. Duncan B, Harrison CG, Feldman CM: Is Length/Height Velocity Smooth or Does it Shift During Infancy. Abstract for Poster Session APS/SPR, Washington D.C., May 1989. Invited to present same Poster Session, AAP Annual Meeting, Chicago. Oct, 1989.
- 24. Duncan B: Book Review. Linear Growth Retardation in Less Developed Countries, edited by JC Waterlow. Am J Dis Child. 1989;143:1279.
- Ey J, Duncan B, Buckett G: The Fifth DPT-To Be or Not To Be? Abstract and Poster Session. Western Society for Pediatric Research, Carmel CA, Feb 1990. Clinical Research. 1990;38:182A.
- 26. Duncan B, McAuliffe J, Falcao L: Growth Monitoring, Can Illiterate Women In N.E. Brazil Understand The Concept? Abstract APA, Spring 1990.
- Stathos T, Bezerra J, Duncan B, Udall JN. Treatment of Acute Gastroenteritis. What's Recommended and What is Practiced. Am Soc Ped Gastro and Nutr. Poster Session. Nov., 1990.
- Glasser L, Duncan B, Corrigan JJ. Use of Serum G-CSF and GM-CSF Levels in the Diagnosis of Neutropenias. Am Soc Hematology. Poster Session. Boston, December 1990.
- 29. Stathos T, Bezerra J, Duncan B, Udall JN. Treatment of Infants with Acute Gastroenteritis: What's Recommended and What's Practiced. Poster presentation at APA, APS, SPR. New Orleans, May 1991.
- 30. Ahearn D, Duncan B, Udall JN, McNamara DJ, Hutter J, Jeter M. The Effect of Marine Oils on Plasma Lipids and Fibrinolytic Activity in Sisters with Type I Hyperlipoproteinemia. Submitted for presentation at APA, APS, SPR. New Orleans. May 1991.
- 31. Brann A, Duncan B, Ey J, Goldhagen J, Hill R, Pust R. Integration of International Child Health Training into Undergraduate and Graduate Pediatric Programs. Accepted as workshop for APA meeting, New Orleans, May 1991.
- 32. Brannon P, Duncan B, Salem S, Kunz S, Scott D, Gabr A, Park DL, El-Tobgy M. Effects of Protein Energy Malnutrition and Aflatoxin on the Exocrine Pancreas. FASEB 1992.
- 33. Duncan B, Ey J, Holberg C, Wright A, Martinez F, Taussig L. Breast Feeding and Recurrent Otitis Media in the First Year of Life. Ambulatory Pediatric Assoc. 1992.
- 34. Duncan B. Needed Vitamin. Editorial Tucson Citizen, January 1992.
- 35. Duncan B. In the better interest of the child. HAPPENINGS. Arizona Consortium for Children with Chronic Illness. Summer/Fall 1992.
- 36. Ey JL, Holberg CJ, Duncan B, Aldous MB, Wright AL, Martinez FD, Taussig LM, and GHMA. Passive Smoke Exposure and Its Relationship to Otitis Media in the First Year of Life. Presented at the Western Society for Pediatric Research, Carmel, California, March, 1994. Presented at the Ambulatory Pediatric Association Meetings in Seattle, Washington, May, 1994.
- 37. Duncan B, Ey J: Breast feeding decreases recurrent otitis media. Clinical Research News for Arizona Physicians. 1994;5.
- 38. Duncan B, Ey J: Immunologic advantages of human milk. Clinical Research News for Arizona Physicians. 1994;5.
- 39. Duncan B: Patient and parent education in Office Pediatrics, Ed. by J. Ey section of Current Opinion in Pediatrics, Ed. by DG Nathan & FA Oski. 1994;6(6):720-22.
- 40. Duncan B: How often do high fevers cause brain damage in children? Hospital Medicine. 1994; October:58.
- 41. Ey JL, Holberg CJ, Duncan B, Aldous MB, Wright AL, Martinez FD, Taussig LM, GHMA: Passive smoke exposure and its relationship to otitis media in the first year of life. Platform presentation by J Ey, Ambulatory Pediatric Association meeting, Seattle, WA, May, 1994.
- 42. Ey JL, Aldous MB, Duncan B, Williams RL. Office laboratory procedures, office economics, Patient and parent education and urinary tract infection. In Office Pediatrics

Section of Current Opinion in Pediatrics, Ed. by DG Nathan & FA Oski. 1994;(6):717-728.

- 43. Ey JL, Aldous MB, Duncan B, Williams RL. Office laboratory procedures, office economics, Patient and parent education and urinary tract infection. In Office Pediatrics Section of Current Opinion in Pediatrics, Ed. by DG Nathan & FA Oski. 1995;(7):741-754.
- 44. Duncan B. The state of children's health in the United States 1995. International Child Health: A Digest of Current Information. 1996;7:55-68.
- 45. Ey JL, Aldous MB, Duncan B, Williams RL. Office laboratory procedures, office economics, Patient and parent education and urinary tract infection. In Office Pediatrics Section of Current Opinion in Pediatrics, Ed. by DG Nathan & FA Oski. 1996;(8):639-649.
- 46. Miller M, Taren D, Duncan B. Are heart rates useful in determining caloric expenditures for non-ambulatory children with cerebral palsy? Poster presentation at the Western Society for Pediatric Research. Carmel, CA. February, 1996.
- Duncan B, Lloyd J, Marks-Katz M, Barton LL. Osteopenia and subsequent fractures in non-ambulatory children with cerebral palsy. Presentation at the Western Society for Pediatric Research. Carmel, Ca. February, 1996.
 Abstract submitted for presentation at the Ambulatory Pediatric Association Annual Meeting. April 1996. Published in Archives of Pediatrics & Adolescent Medicine. 1996:150:111.
- 48. Duncan B, Bezerra JA, Lee PC. Protein malnutrition differentially modulates hepatic cytochrome P450s in rats. Poster Presentation American Association for the Study of Liver Disease. Nov., 1996. Chicago, IL.
- 49. Duncan B. Notes from the Section Chair. The Newsletter for the AAP's Section on International Child Health. Spring 1997, Fall 1997, Spring 1998.
- 50. Wahl R, Aldous MB, Duncan B, Williams RL. Office laboratory procedures, office economics, Patient and parent education and urinary tract infection. In Office Pediatrics Section of Current Opinion in Pediatrics, Ed. by DG Nathan & FA Oski. 1997;(8):639-649.
- 51. Torjesen KA, Mandalakas A, Kahn RS, Duncan B. International child health electives during pediatric residency. Accepted for poster presentation. Accepted for presentation, 7th Annual IHMEC Conference. February, 1998
- 52. Torjesen KA, Kahn RS, Duncan B. International child health electives during pediatric residency. Poster presentation. Ambulatory Pediatric Association. May, 1998
- 53. Wahl RA, Ball TM, Duncan B, Shapiro E. Office laboratory procedures, patient and parent education and urinary tract infections. Current Opinions in Pediatrics 1998;10:641-650.
- 54. Duncan B. Pilot Parents' Education Newsletter: Alternative Therapies for Children with Cerebral Palsy. 1998.
- 55. Shrestha AK, Duncan B, Taren D, Canfield LM, Greivenkamp JE, Shrestha N, Shrestha KK. Night vision threshold test (NVTT): a new, simple, inexpensive means of testing functional vitamin A status. Poster presentation. Ambulatory Pediatric Association. May, 1999.
- Wahl RA, Ball TM, Duncan B, Shapiro E. Office laboratory procedures, patient and parent education and urinary tract infections. Current Opinions in Pediatrics 1999;11:641-650.
- 57. Davis MF, Haynes J, Meaney FJ, Duncan B. What predicts the use of alternative medicines among families of children with disabilities? Poster Presentation at the 11th World Congress of the International Association for the Scientific Study of Intellectual Disabilities. August 2000, Seattle, WA. Published in J Intellectual Disability Research 2000; 44:257.
- 58. Use of complementary and alternative medicine by families of children with developmental disabilities. Duncan B, Davis MF, Haynes J, Reed H, Meaney FJ. Use of complementary and alternative medicine by families of children with developmental disabilities. Poster Presentation at the 11th World Congress of the International

Association for the Scientific Study of Intellectual Disabilities. August 2000, Seattle, WA. Published in J Intellectual Disability Research 2000; 44:257.

- 59. Sharon McDonough-Means, Burris Duncan, F John Meaney, Kate Worden, Joe Balensi, Rosa Schnyer, Iris Bell. Assessment of children with cerebral palsy using evaluations from allopathy and two non-conventional modalities: searching for a "common language". Poster Presentations at the International Scientific Conference on Complementary, Alternative and Integrative Medicine Research in San Francisco, CA. May 17-19, 2001.
- 60. Sharon McDonough-Means, Iris Bell, Burris Duncan, Rosa Schnyer, Kate Worden. Evolution of pediatric integrative medicine research methodology: the interface between complementary-alternative medicine and conventional pediatric developmental research. Poster Presentations at the International Scientific Conference on Complementary, Alternative and Integrative Medicine Research in San Francisco, CA. May 17-19, 2001.
- 61. Sharon McDonough-Means, Iris Bell, Burris Duncan, John Meaney, Rosa Schnyer, Kate Worden. A "common language": methodological dilemmas and solutions for incorporating two different complementary therapeutic modalities in pediatric integrative medicine research: cerebral palsy study as a model. Poster Presentations at the International Scientific Conference on Complementary, Alternative and Integrative Medicine Research in San Francisco, CA. May 17-19, 2001.
- 62. Diane Clawson, Burris Duncan, Christian Peters. Osteopathic manipulation and its role in the realization of health potential. Poster Presentations at the International Scientific Conference on Complementary, Alternative and Integrative Medicine Research in San Francisco, CA. May 17-19, 2001.
- 63. Heather Sanders, Burris Duncan, F John Meaney, Mende Davis, Julie Haynes. Past use of complementary/alternative medicine by families of special needs children. Poster Presentations at the International Scientific Conference on Complementary, Alternative and Integrative Medicine Research in San Francisco, CA. May 17-19, 2001.
- 64. MF Davis, K Worden, DO Clawson, FJ Meaney, B Duncan. Pediatric structural exam: validation of a new osteopathic research tool. International Scientific Conference on Complementary, Alternative and Integrative Medicine Research. Boston, MA April 12-14, 2002.
- 65. Medlin L, Taren D, Campbell B, Gibson S, Araiza D, Duncan B. A portable dark room (PDR) for dark adaptation and to assess night blindness. University of Arizona, Tucson, Arizona, EIDE Industries, Cerritos, California. Submitted to the XXI International Vitamin A Consultative Group Meeting in Marrakech, Morocco, 3-7, February 2003.
- 66. Duncan B, Genaro-Wolf, Shrestha K, Shrestha N, Schleicher R, Pfeiffer C, Sowell A, Greivenkamp J, Taren D. Reported night blindness, the night vision threshold test and serum retinol concentrations as indicators of vitamin A deficiency: How do they compare? University of Arizona, Tucson Arizona, Tribhuwan University, Kathmandu Nepal, National Eye Hospital, Kathmandu Nepal, U.S. Centers for Disease Control and Prevention (US CDC), Atlanta Georgia. Submitted to the XXI International Vitamin A Consultative Group Meeting in Marrakech, Morocco, 3-7, February 2003.
- 67.Caspi O, Duncan B, Han TL, LP. Z. MRI findings and cerebral palsy.[comment]. JAMA 2007;297:466; author reply -7

BOOKS & CHAPTERS

- Schmitt BD, Duncan B, Riley CM: Ambulatory Pediatrics. Current Pediatric Diagnosis and Treatment. Editors Kempe CH, Silver HK, O'Brien D. Lange Medical Publications, 1972, 1974, 1976.
- 2. Duncan BR: Management of Gardner's Syndrome. Current Dermatologic Management. Editor Maddin S. C.V. Mosby Co., St. Louis, 1975.
- 3. Duncan B: Malaria. Practice of Pediatrics. Editor Kelley VC. Volume 4 Chapter 52D, pp.

I-I7, Harper and Row, Hagerstown, MD, I98I. Revised 1984. Chapter 60. Malaria. Infections in Children. Editors Wedgewood RJ, Davis SD, Ray CG, Kelley VC. Chapter 100, pp I420-I436. Harper and Row, Philadelphia,I982.

- Duncan B: American Trypanosomiasis (Chagas' Disease). Practice of Pediatrics. Editor Kelley VC. Chapter 52E, pp. 1-9, Harper and Row, Hagerstown, MD, 1981. Revised 1984. Chapter 61.
- American Trypanosomiasis (Chagas' Disease). Infections in Children. Editors Wedgwood RJ, Davis SD, Ray CG, Kelley VC. Chapter 101, pp. 1437-1445. Harper and Row, Philadelphia, 1982.
- Duncan B: African Trypanosomiasis (African Sleeping Sickness). Practice of Pediatrics. Editor Kelley VC. Chapter 52F, pp. 1-6, Harper and Row, Hagerstown, MD, 1981. Revised 1984. Chapter 62. African Trypanosomiasis (African Sleeping Sickness). Infection in Children. Editor Wedgwood RJ, Davis SD, Ray CG, Kelley VC, Chapter 102, pp. 1446-1451, Harper and Row, Philadelphia, 1982.
- Duncan B: Leishmaniasis. Practice of Pediatrics. Editor Kelley VC. Chapter 52G, pp. 1-8, Harper and Row, Hagerstown, MD, 1981. Revised 1984. Chapter 64. Leishmaniasis. Infections in Children. Editors Wedgwood RJ,Davis SD, Ray CG, Kelley VC. Chapter 103, pp. 1452-1459. Harper and Row, Philadelphia, 1982.
- Duncan B: Scabies. Practice of Pediatrics. Editor Kelley VC. Chapter 56I, pp. 1-8, Harper and Row, Hagerstown, MD, 1982. Revised 1984. Chapter 74. Scabies. Infection in Children. Editors Wedgwood RJ, Davis SD, Ray CG, Kelley VC. Chapter 107, pp. 1558-1565. Harper and Row, Philadelphia, 1982.
- Duncan B: Pediculosis. Practice of Pediatrics. Editor Kelley VC. Chapter 56J, pp. 1-4, Harper and Row, Hagerstown, MD, 1982. Revised 1984. Chapter 75. Pediculosis. Infections in Children. Editors Wedgwood RJ,Davis SD, Ray CG, Kelley VC. Chapter 108, pp. 1566-1570. Harper and Row, Philadelphia, 1982.
- Duncan B: Helminthic Infection of Man. Practice of Pediatrics. Editor Kelley VC. Volume 4 Chapter 54, pp. 1-58, Harper and Row, Hagerstown, MD, 1982. Helminthic Infections. Infections in Children. Editors Wedgwood RJ, Davis SD, Ray CG, Kelley VC. Chapter 104, pp. 1460-1517. Harper and Row, Philadelphia, 1982.
- 11. Duncan B: Disease Caused by Intestinal Protozoa. Practice of Pediatrics. Editor Kelley VC. Volume 4, Chapter 54, pp. 1-23. Harper and Row, Hagerstown, MD, 1984.
- 12. Duncan B: Infections with Free-Living Amoebae. Practice of Pediatrics. Editor Kelley VC. Volume 4, Chapter 55, pp. 1-9. Harper and Row, Hagerstown, MD, 1987.
- 13. Duncan B. Giardiasis. Chapter in Textbook of Adolescent Medicine. Ed. McAnarney ER, Kreipe RE, Orr DF, Comerci GD. pp 917-923, WB Saunders 1992.
- 14. Duncan B. Enuresis. The 5 Minute Clinical Consult. Eds. Griffith HW & Dambro MR. Williams & Wilkins, Philadelphia. 1993. Revised 1994, 1995, 1996, 1997, 1998.
- 15. Duncan B. Encopresis. The 5 Minute Clinical Consult. Eds. Griffith HW & Dambro MR. Williams & Wilkins, Philadelphia. 1993. Revised 1994, 1995, 1996, 1997, 1998.
- 16. Contributing Editor: Spanish Translation of the Pediatric Advance Life Support Course. 1993.
- 17. Feldhausen J, Duncan B, Thomas D. Pediatric Clerkship. Nutrition Handbook. 1994. Revised 1996.
- 18. "Cerebral Palsy." In: Merlin G. Butler & F. John Meaney, eds. Genetics of Developmental Disabilities. Marcel Dekker, Inc. Forthcoming publication.
- 19. Global Child Health. Advances in Pediatrics. 2009
- 20. Duncan B. Prebiotics and probiotics and health promotion, an overview. Chapter in Bioactive Foods in Chronic Disease States. 2011.
- Slums are not places for children to live: vulnerabilities, health outcomes, and possible interventions. Kacey Ernest, Beth Phillips, Duke Duncan. Ed. Michael Kappy Advances in Pediatrics 2013

22. Local Pediatricians Are the Best Advocates for Children Under Their Care. Duke Duncan, Anna Mandalakas, Donna Staton, Bron Anders, Ann Behrmann, Mirzada Kurbasic. 2013

GRANTS:

- Bustamante S, Duncan B: Quality of Carbohydrates in Rehydration Solutions and Formulas: Effects and Tolerance. Ross Laboratories, 1981. \$ 30,600
- Duncan B: Project Director for Continuation of Primary Care Grant for Residency Training in Pediatrics (1982) - Original and current grant submitted by Anita Stafford, M.D. and Helen Johnson, M.D. \$226,000
- Canfield LM: Effectiveness of Endogenous Dietary Carotenoids in Prevention of Vitamin A Deficiency in Guatemalan Children. Consultant.
- Kenyon T, Duncan B: Maternal Mortality in Thyollo District of Southern Malawi, Africa. 1989, Project HOPE \$16,500
- Canfield LM: Beta-Carotene in Human Milk: Quantitation & Transport Kinetics. Consultant 1990
- Duncan B, Oriokot FO, Canfield LM: Validation of a simple, low cost, non-invasive method to detect vitamin A deficiency in young children. Conservation, Food & Health Foundation, Inc. PI \$14,600
- Prevention Center Canyon Ranch Funds. PI \$15,000
- Center for Complementary and Alternative Medical Research: \$5 million
 - Evaluation of the effectiveness of cranial sacral manipulation and acupuncture in the treatment of children with spastic cerebral palsy. PI on a portion Center Grant
 - Effect of hippotherapy on muscle activity in children with spastic cerebral palsy. NIH. \$100,000. June, 2003-June, 2004. Co-PI
- Maternal & Child Health and American Academy of Pediatrics. Healthy Tomorrows Partnership for Children Program: PI \$50,000/year for five years. 5/99
- Evaluation of the Night Vision Threshold Test (NVTT) as a simple non-invasive instrument for the detection of night blindness, the first clinical sign of vitamin A deficiency. '00-'01. Centers for Disease Control. Co-PI
- Taren, D (PI) 2004-'06 Vitamin A Distribution for Night Blind Pregnant Women \$200,000 Role: Investigator
- Acupuncture as Complementary Therapy for Cerebral Palsy. A joint project with the Beijing Children's Hospital in Beijing, China. Arizona Disease Control Research Commission. \$500,000. 2004-2007. Pl.
- Decreasing MCH Health Disparities Through Graduate Education. PI Dr. Douglas Taren. July 2005-2010 \$1,879,000.
- University Center of Excellence in Developmental Disabilities Grant (from ADD); PI Tamsen Bassford, MD. \$500K/year for up to 5 years
- Duncan B, Fragomeni M. A feasibility study to determine if families with a child with cerebral palsy are able to comply with an intensively administered physiotherapy program 2009
- International Rotary: \$38,500 to establish a wheel chair construction and repair shop in Nogales, Sonora, Mexico. 2009.