

Curriculum Vitae for James Jeffrey Bradstreet, MD, FAAFP

Florida Lic. : #0044408

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The International Child Development Resource Center

1688 West Hibiscus Blvd, Melbourne, Florida 32901

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Florida Hospital, Celebration, Suite A240

Practice Phone # 321-953-0278

Present Position: Founder and Director of Clinical Programs, ICDRC (The International Child Development Resource Center) a 501c3 not-for-profit. President of Creation's Own, Inc. I have held a Florida medical license without restriction since 1984. Director of the Child Development Center at Florida Hospital, Celebration.

Education:

College: University of South Florida, BA Natural Science, with honors 76.

Medical School: University of South Florida College of Medicine 79.

Residency: PGY-1 & 2 Wilford Hall USAF Medical Center, Lackland AFB, Texas 79-81. OB/GYN

Post Grad: Aerospace Medicine, Brooks USAF/School of Aerospace Medicine 81. Included Special Training in Hyperbaric Medicine, Toxicology, ENT, Neurology and Cardiology.

Flight School: Randolph AFB 81

Teaching, Research and Academic Positions:

Current Faculty

Visiting Professor of Child Development, Department of Pediatrics, Southwest College of Naturopathic, Tempe, Arizona

Clinical Positions & Investigations (Past and Present)

Researcher: Department of Medical Virology University of South Florida College of Medicine 1974-76.

Clinical Instructor: USAF Medical Center Lackland/Uniformed Service Medical School 1980-81

Clinical Instructor: University of Texas Health Sciences Center, San Antonio 1980-81

Clinical Supervisor, Scott USAF Family Practice Residency Program 1981-84

Clinical Instructor (Externships) Tallahassee Family Practice Residency Program 1993.

Clinical Instructor (Externship Program) Halifax Medical Center Family Practice Residency Program (1992).

Advisor, Surgeon General MAC on Aeromedical Evacuation of Critically Ill patients 1982-84
Advisor, Inspector General of the Air Force, Lt Gen Lief 1983. Appropriate use of aeromedical evacuation of critical patients.

Primary Researcher: USAF F-15 human systems survival and enhanced physiology protection systems for the School of Aerospace Medicine 1981-84 leading to the development of automated cockpit physiology monitoring and enhancing technology for the Strike Eagle.

Director of Clinical Research: Autism Research Center, now ICDRC, Palm Bay and Melbourne FL 1996 – present

Advisor: University of Florida College of Medicine, Secretin Research Program 1998 Ralph Mauer, MD and Charlie Williams, MD directors.

Advisor: National Institute of Child Health and Human Development 1998, Secretin Research Group, Formulating the Guidelines for Secretin Research

Co-researcher with Professor Jane El-Dahr, MD Tulane University Medical Center, The effects of high-dose IVIG in children with autism. 1999.

Co-researcher with Professor V.K. Singh, PhD, the Utah State University Biotechnology Center and University of Michigan Department of Pharmacology, 1998-1999. The effects of secretin on serotonin and antibrain autoantibodies. Chief Clinical Investigator

Chief Clinical Investigator, Neuroscience and Spine Institute, Ft Meyers, Double Blind Controlled Study of the Effects of Secretin on Behavior, Serotonin and Autoimmunity in Autism 1999-present. (With Dr Kandell and Dr Singh)

Co-researcher with Professor Vas Aposhian, University of Arizona on the Level of Glutathione in Autism and Normal Children (comparison of identical twins with discordant symptoms).

Co-researcher with University of Indonesia Studying the autoimmune aspects of autism in Indonesian Children

Co-researcher with Anne Connolly, MD, Washington University Hospital on the Autoimmune disorders associated with pediatric developmental disorders.

Co-researcher and Senior Investigator, with Walter O. Spitzer, MD, McGill University on the first multinational epidemiology of childhood developmental disorders following vaccines study

Lecturer: Department of Psychiatry, University of Florida on secretin and autism research, 2000, Ralph Mauer, MD Assoc. Prof.

Florida Atlantic University, Department of Education, Medical Supervisor, “Risperdal therapy and Mand training for children with autism.” Denise Ross, PhD

ONGOING RESEARCH

Co -Investigator: Safety, Efficacy and Pharmacokinetic Profile of Oral Chelation with Meso-2,3-Dimercaptosuccinic Acid and Alpha Lipoic Acid in Children with Autism and Mercury Exposure. Department of Pediatrics, UMDNJ – Robert Wood Johnson Medical School

Principal Investigator: Effects of Hyperbaric Oxygenation Therapy on Adaptive, Aberrant and Stereotyped Behaviors in Children with Autism. Center for Autism Related Disorders. Headquarters, Tarzana California.

Principal Investigator: A Double Blinded Placebo Controlled Trial of the Effect of Spironolactone on Inflammation, Oxidative Stress, and Behavioral Markers in Children with Autism. Center for Autism Related Disorders. Headquarters, Tarzana California.

Principal Investigator: Chelation Therapy for Children with Autism and Elevated Atypical Urinary Porphyrins. Center for Autism Related Disorders. Headquarters, Tarzana California.

Principal Investigator: The Effect of Hyperbaric Therapy on Markers of Oxidative Stress in Children with Autism: A Pilot Study, IRB Approved October 2005. www.clinicaltrials.gov

Principal Investigator: Oral Human Immunoglobulin in Autism: A randomized phase II trial to evaluate the safety and efficacy of oral human immunoglobulin in the treatment of gastrointestinal dysfunction associated with Autistic Disorder in pediatric patients from 2 to 18 years of age. www.clinicaltrials.gov

Principal Investigator: Genetic Polymorphisms and Antioxidant Capacity in Children with Autism, in association with Jill James, PhD University of Arkansas, Department of Pediatrics.

Co-investigator: Detection and sequencing of measles viral gene. Wake Forest, Steve Walker PhD.

Co-Investigator, Southwest College of Naturopathic Medicine with Jim Adams PhD (Arizona State University), Evaluation of biomarkers in children with autism from the ICDRC database. “DMSA Treatment Study for Children with Autism and Heavy Metal Toxicity” Human Subjects Committee: #08045-05

Hospital and Special Practice Privileges:

Celebration Health – Florida Hospital (Outpatient Only - Child Development Center) 2003 to present. Certified Continuing Medical Education Instructor Harvard, McLean University (Autism Education for Physicians, Open Windows Program and DAN!)

Wilford Hall USAF Medical Center –OB-GYN and Internal Medicine 1979-81

Scott USAF Medical Center 1981-84 OB-GYN and Internal Medicine, Family Practice w/ICU-CCU and OR privileges

St. Elizabeth's Medical Center, 1982-85 Granite City Illinois ER/ICU
Spectrum Emergency Medicine Group 1982-86
Barnes/Washington University Hospital St.Peters, MO. 1982-86 ER/ICU (Intensivist)
5th MASH Director of Emergency Services 1983
Indian River Memorial Hospital Vero Beach Florida 1984-1988 ER
Sebastian River Medical Center, Family Practice 1988-96 Family Practice

Papers, Publication:

Spironolactone might be a desirable immunologic and hormonal intervention in autism spectrum disorders Bradstreet JJ, et al. *Med Hypotheses* (2006), doi:10.1016/j.mehy.2006.10.015.

Metabolic endophenotype and related genotypes are associated with oxidative stress in children with autism. James SJ, Melnyk S, Jernigan S, Cleves MA, Halsted CH, Wong DH, Cutler P, Bock K, Boris M, Bradstreet JJ, Baker SM, Gaylor DW. *Am J Med Genet B Neuropsychiatr Genet.* 2006 Aug 17

The Potential of a Store and Forward Tele-Behavioral Platform for Effective Treatment and Research of Autism. *Proceedings of the 26th Annual International Conference of IEEE EMBS, San Francisco, CA Sept 1, 2004.*

Detection of Measles Virus Genomic RNA in Cerebrospinal Fluid in Children with Regressive Autism by TaqMan RT-PCR: A Report of Three Cases. *Journal of American Physicians and Surgeons Volume 9 Number 2 Summer 2004.*

TaqMan RT-PCR Detection of Measles Virus Genomic RNA in Cerebrospinal Fluid in Children with Regressive Autism. *IMFAR May 2004. paper –presentation*

Biological Evidence of Significant Vaccine Related Side-effects Resulting in Neurodevelopmental Disorders. *Invited Paper presented and submitted to the National Academies of Science Institute of Medicine, February 9, 2004, Washington DC.*

Case Controlled Study of Mercury Burden in Children with Autism. *Journal of American Physicians and Surgeons, Vol.8, #3, Fall 2003.*

“pH Mediated Inhibition of Cell to Cell Spread of Herpes Simplex Virus Infection” Lancz GJ, Bradstreet JJ. *Arch Virol.* 1976;52(1-2):37-46.

Invited Presentations:

The Role of Environmental Factors in the Pathogenesis of Autism: Phenotypes, Lab Markers, Clinical Interventions and Suggested Areas for Research. NIH – IACC November 17, 2006

New Paradigms in Autism Research & Treatment (NPART), Commonweal Conference, November 3-5, 2006; Bolinas, California.

HBOT: Bridging Traditional Applications and Emerging Uses in Chronic Neurological Conditions, ACAM, Palm Springs, November 2, 2006.

The Best of DAN! Advanced Biomarker Directed interventions, Seattle DAN!, October 7, 2006. Harvard Maclean (CME certifying agency)

Autism: The Clinical Picture, Neurotoxicity in Development & Aging. 23rd INTERNATIONAL NEUROTOXICOLOGY CONFERENCE. September 18, 2006. Little Rock, Arkansas. UAMS

A The Efficacy and Safety of Hyperbaric Oxygen Therapy in the Treatment of Developmental Disabilities such as Cerebral Palsy, Traumatic Brain Injury and Autism Spectrum . CME Program sponsored by the UMDNJ/Center for Continuing Outreach and Education with joint sponsorship by the American Academy of Developmental Medicine and Dentistry. September 13, 2006

Autism: Advances in Biomarker Driven Therapies for ASD, US Autism and Asperger Association, Inc. August 10, 2006 USAAA Conference Park City, Utah.

Evidence it can be treated. Florida Academy of Family Physicians, Summer CME, Orlando FL, July 29, 2006.

Advanced Biomedical Interventions for ASD. MiniDAN! Milwaukee, Wisconsin, July 15, 2006 Harvard Maclean (CME certifying agency)

Recovery is Possible with Biomedical Interventions: Autism Society of America 37th Annual Conference, Rhode Island, July 13, 2006

Biomedical Interventions for Teens and Young Adults: the Value of Persistence, Autism One Chicago.

Recovery: Making it Happen for Your Child, May 2006, Autism One, Chicago.

Recovering from Autism, Defeat Autism Now! Harvard Maclean (CME certifying agency), March 2006.

Advances in Biomedical Recovery from Autism, NAA, National Conference, Myrtle Beach, SC. November, 2005

Nutritional Neuroscience: Having a Positive Impact on ADHD and Autism, American Dietetic Association, FCNE, St Louis MO. October 2005

Nutritional Bioscience: The Science in Support of DAN! Long Beach, CA, October, 2005

Environmental Neurodevelopmental Issues in Autism: Symposium on Autism and the Environment, NIH, August 18, 2005

Integrating Genomics into Clinical Practice, American Academy of Naturopathic Physicians, Phoenix AZ, August 19, 2005.

Heavy Metal issues in Neurodevelopment of Autism, White House Briefing for Dr Raub, Undersecretary of HHS. July 2005

Intersection of Environment and Genomic Vulnerability in Neurodevelopmental Disorders. Autism Society of America, July 17, 2005, Memphis, TN.

Nutritional Neuroscience, Pediatric Society of Cyprus, July 6, 2005.

Exploring Recent Advances in Autism Research, Autism One, Chicago, IL, June 2005.

Heavy Metal issues in Neurodevelopment of Autism, Briefing for Ken Olden, PhD, Director NIEH. May 11, 2005.

Advanced Therapeutics of Autism Spectrum Disorder, Charlottesville, VA, NAA Conference. June 2005.

Research Grand Rounds on Autism, University of California, Davis, MIND Institute, March 2005

Recent Advances in the Therapy of Autism, BIAS Conference, Sarasota, FL, March 2005.

International Symposium on Autism, Geneva Centre, Toronto, Canada, To Treat or Not to Treat,
Exploring the Biology of Autism, November 2004.

DAN! May and September 2004. State-of-the-Art Treatment of ASD

Cysteine and Glutathione Deficiency in Autism Spectrum Disorders: Genomic, Nutritional and
Environmental Considerations. IAACN 13th Annual Scientific Symposium, 2004 Symposium,
August 28-29, 2004.

Biological Basis of Autism Spectrum Disorders, Autism One, Chicago 2004.

Evidenced Based Interventions for ASD and ADHD, National Association of Naturopathic Physicians,
Portland Oregon August 2003.

Ammonia Levels in Children with Autism, Autism One, Conference Chicago. May 2003

National Nutritional Food Association, Invited Lecture on Nutritional aspects of childhood developmental
disorders. June 2003

Practitioner perspectives of autism, 2003 DAN Philadelphia

Testimony, Government Reform Committee, Subcommittee on Human Rights and Wellness, June 23,
2003. Autism Research Update from ICDRC

Course Director and Presenter, Autism Canada 2003 June Toronto.

Neuroimaging of Childhood Development Disorders, Stetson University Feb –May

Biomedical Interventions in Autism – University of Pittsburgh Feb 2003

Nutritional Perspectives on Autism, SCNM Jan 2003

Open Windows, How Biology Influences Behavior, The gut and Altered Brain Chemistry, Vaccine
Issues, MMR and Beyond, Nutritional Supplements to Target Specific Symptoms, The Broken
Immune System, AIA Birmingham UK, Approved for CME of Physicians and Consultants by the
Royal College of Paediatrics, UK November 29 and 30, 2002

Executive Briefing provided by request: Claude Allen Deputy Secretary of Health and Human Services
June, 2002 in conjunction with Congressman Dave Weldon MD, FL

Testimony – Government Reform Committee, US Congress, June 19th, 2002, regarding the status of
ICDRC research findings in ASD as it relates to measles virus and mercury.

Innovative Neuroimaging Techniques in Children with Autism, DAN May and October of 2002.

Neuroimmunobiology of Autism, Autism Society of American, Annual Conference July 17, 2002,
Indianapolis IN.

Review of the Biology of Autism, Autism Society of American, Annual Conference, July 17, 2002,
Indianapolis IN.

Neuroimmunobiology of Autism, Grapevine Texas, FEAT Organized Conference, Sponsored by
Harvard McClean Hospital June 2-3

Serological Detection of Measles Virus in Relation to Autoimmunity in Autism, (Session 134, Paper V-5)
Singh, Jensen and Bradstreet, 102nd General Meeting of the American Society for Microbiology,
May 19-23, 2002, Salt Lake City, Utah

Course Director, University College, Dublin Ireland, Biomedical Aspects of Autism, March 21-22, 2002
(Ministry of Health Sponsored)

Course Director, (Harvard-McClean Hospital CME approved) Open Windows Autism Training Program.
Jan 2002

Immunotoxicology of Autism, Paper Presented to the MIND Institute, University of California, Davis,
Sept, 2001.

Relationship Between Vaccine Components and Risks of Heavy Metal Toxicity and Autoimmunity
Presented to the National Academy of Sciences, Institute of Medicine, in Children With
Developmental Disorders. July 14, 2001 Published in their proceedings NAS/IOM Vaccine Safety
Committee, November 1, 2001

Cutting Edge in Autism Research, Casi's Quest, Ft. Lauderdale September, 2001.

Pediatric Grand Rounds, Wilmington Hospital, Wilmington NC July, 2001.

Pediatric Neurology Grand Rounds on Autism Autoimmunity, Johns Hopkins School of Medicine,
Baltimore, June 2001

The Occurrence of Autoimmune Markers in Indonesian Children with Developmental Disorders,
University of Indonesia, Conference, Jarkarta, May 2001

Observations of Heavy Metals in both Urine and Blood in Children with Developmental Disorders, DAN
Conference, Atlanta, Georgia, May 2001

Update on Current Research in Vaccine Related Developmental Disorders and Autism, US House of
Representatives, Hearings April 24, 2001, Ref Congressional Record – Published

Occurrence of Familial Thrombophilia in Autism Spectrum Disorders, DAN October, 2000, San Diego.

Comprehensive View of the Biology of Autism, International Conference on Autism, Quebec, Canada,
March 2001

The Role of Secretin and IVIG in Autism Treatment, Biological Aspects of Autism Symposium, Irvine
California with Dr Sudhir Gupta, Chief of Medicine University of California – Irvine. June, 2000

Biological Aspects of Autism – HART, Hawaii Autism Conference, Kapioloni Children's Hospital,
Hawaii, April 2000

High Dose Intravenous Immunoglobulin Improves Symptoms in Children with Autism, J. Bradstreet, J.
El-Dahr, V.K. Singh submitted to the 56th Annual Meeting of the AAAAI 2000

High Dose Intravenous Immunoglobulin Improves Symptoms in Children with Autism, J. Bradstreet, J. El-Dahr, V.K. Singh presented at the International Symposium on Autism, Arnhem Holland Dec 1999.

The Biology and Treatment of Autism, International Symposium on Autism, Arnhem Netherlands, Dec 1999.

The Role of Secretin in Autism, International Symposium on Autism, Arnhem Netherlands, Dec 1999.

Biological Interventions in Autism, Nova Medical School, Nov 1999

Successful Biological Treatment of Autism, 1st Annual Biological Basis of Autism Conference, Orlando Florida May 1999

Clinical Outcomes in ASD children treated with Secretin, National Institutes of Health, Marie Bristol Power chair, Presented to Committee reviewing research into ASD. May 1999.

Managing the Difficult Child, Florida Home Educators Conference 1998

Reviewer for Medical Journals

International Journal of Toxicology, US

Autism, an International Journal of Research and Practice, Sage, UK

Journal American Physicians and Surgeons, US

Awards:

Outstanding Student Researcher: Cancer Division - Robert Wood Johnson Foundation 1976

Outstanding Student OB/GYN: South Atlantic OB/GYN Association 1979

American Cancer Society Research Recognition Award 1975

Outstanding Clinical Researcher Award – Lederle Hypertension Research Project.

Phi Kappa Phi National Honor Society (USF)

Nom. Flight Surgeon of the Year 1982

Humanitarian Service Medal USAF 1983

Divine Servant Award – the Christian Care Ministry

Practice Experience Beyond Residency:

Director of 1st Aeromedical Staging Facility, Scott USAF Medical Center 1981-84

Officer in Charge of Flight Medicine USAF Scott AFB 1981-84

Director Scott USAF AFB, AFOSH Environmental Health and Safety, USAF 1982-1984 (Included Special Training in Toxicology)

OIC Emergency Medical Services 5th MASH USA RDF 1983

Emergency Medicine Physician, Barnes Hospital, Washington University, and St Peters Mo, and St Elizabeth's Granite City IL, Indian River Memorial Hospital, FL, Sand Lake Hospital FL 1983-1986.

Family Practice: 1984 to present

Founder, Health Care Associates Medical Group

Founder, The Good News Doctor Foundation (not-for-profit) medical research and treatment for autism
1996-present

Medical Director – Health South Comprehensive Ambulatory Rehabilitation Center 1991-94

National Associate Medical Director, Travelers and then MetroHealth Insurance Companies 1994-97

National Medical Advisor – United Health Care 1997-99

ICDRC: Autism Clinical Research and Treatment, 1997 to present

Special Training:

ACLS, & ATLS USAF (1981-84)

ACLS 1986, 1989 and 1993

Combat Casualty Care Course: Surgery Lab USAF 1983

Passed Written Board Exam in Chelation Therapy October. 2000

Prolotherapy and Orthopedic Medicine Preceptorship, Thomas Dorman 1982 (one month)

EEG, QEEG and Biofeedback, training, Society for Neuronal Regulation, 2000 - 2002

Fellow: American Academy of Family Physicians

Fellow, American Back Society

Membership: Current and Advisory Positions

American College of Toxicology

American Academy of Family Physicians

Florida Academy of Family Physicians

Autism Society of America – Lifetime

ACAM in process November 2006

International Hyperbaric Association: Scientific Advisory Board

Integrative Therapeutics – Enzymatic Therapy: Scientific Advisory Board

American Association of Orthopedic Medicine

American Diabetes Association

States Licensed to Practice:

Current: Florida

Applying for: Arizona Homeopathic

**Previously while in USAF (not renewed): Colorado 1984 to 1986, Illinois: 1982-1986 & Missouri:
1984 - 1986**

