

Matthew I. Baral, ND
Phoenix, Arizona

WORK HISTORY

- 2009-Current ***President and Founder***
Pediatric Association of Naturopathic Physicians
- 2009-Current ***Contributing Editor***
International Journal of Naturopathic Medicine
- 2009-Current ***Contributing Editor***
Natural Medicine Journal
- 2008-Current ***Chair, Department of Pediatric Medicine***
Southwest College of Naturopathic Medicine
- 2001-Current ***Physician, private practice, Southwest Naturopathic Medical Center***
Specializing in Autistic Spectrum Disorders and primary care pediatric medicine
- 2007-Current ***Director, Pediatric Residency Program, Southwest College of Naturopathic Medicine***
Responsible for the design, implementation, and direction of the first CNME-accredited Pediatric Residency in Naturopathic Pediatric Medicine
- 2003-Current ***Associate Professor, Pediatrics***
Southwest College of Naturopathic Medicine
- 2001-Current ***Attending Physician, Southwest Naturopathic Medical Center***
Supervising physician at Southwest Naturopathic Medical Center. Responsibilities include supervising student clinicians in patient care, and developing treatment plans with a focus on pediatric care.
- 2002-Current ***Hamilton Elementary School Clinic, Medical Director/Attending Physician***
Overseeing administrative and financial activities of the clinic. Supervising physician for students and residents of SCNM. The Hamilton Clinic provides free medical care to the children of the Murphy School District.
- 2004 ***Assistant Professor, Nutritional Diagnostics & Treatment Protocols I***
Southwest College of Naturopathic Medicine
- 2004 ***Assistant Professor, Nutritional Diagnostics & Treatment Protocols II***
Southwest College of Naturopathic Medicine
- 2001-2003 ***Adjunct Professor, Pediatric Physical/Clinical Diagnosis***
Southwest College of Naturopathic Medicine
- 2001-2002 ***East River Naturopathic Physicians, Private Practice***
Private practice in Integrative Pediatric and Adolescent medicine, Tucson, Arizona
- 2000-2001 ***HOC Centers for Progressive Medicine, Physician***
Served as medical faculty at Hyperbaric Oxygen Center in Kenmore, Washington. Naturopathic Physician specializing in Pediatric and Adolescent medicine, as well as pediatric protocol design and student clinician supervisor.
- 2000-2001 ***Bastyr University Research Department, Clinical Investigator***
Clinical investigator for Bastyr University and University of Washington's Pediatric Echinacea Study. Responsible for examining, screening, and enrolling study participants.

- 1999-2001 **Valley Children's Clinic, Intern**
Intern with pediatrician Dr. Melvin Morse, MD. Responsibilities include performing all physical exams, diagnosing illness, and interpreting lab results. Responsible for incorporating Naturopathic medicine into conventional medical treatment plans from infants to adolescents.
- 2000 **North Seattle Pediatrics, Intern**
Intern with Dr. Carol Doroshow, M.D. Responsibilities included performing physical exams, diagnosing illness, interpreting lab results and formulating treatment plans to include naturopathic medicine.

RESEARCH

- 2010 **Biomarker-Guided Interventions of Clinically Relevant Conditions Associated with Autism Spectrum Disorders and Attention Deficit Hyperactivity Disorder.** James Jeffrey Bradstreet MD, MD(H), FAAFP, Scott Smith, PA, Matthew Baral, ND, Daniel Rossignol, MD, FAAFP. *Alternative Medicine Review*, Volume 15, Number 1, 2010. AOP1-21
- 2009 **The severity of autism is associated with toxic metal body burden and red blood cell glutathione levels.** Adams JB, Baral M, Geis E, Mitchell J, Ingram J, Hensley A, Zappia I, Newmark S, Gehn E, Rubin RA, Mitchell K, Bradstreet J, El-Dahr JM. *J Toxicol.* 2009;2009:532640. Epub 2009 Aug 26.
- Safety and efficacy of oral DMSA therapy for children with autism spectrum disorders: part A--medical results.** Adams JB, Baral M, Geis E, Mitchell J, Ingram J, Hensley A, Zappia I, Newmark S, Gehn E, Rubin RA, Mitchell K, Bradstreet J, El-Dahr J. *BMC Clin Pharmacol.* 2009 Oct 23;9:16.
- Safety and efficacy of oral DMSA therapy for children with autism spectrum disorders: part B - behavioral results.** Adams JB, Baral M, Geis E, Mitchell J, Ingram J, Hensley A, Zappia I, Newmark S, Gehn E, Rubin RA, Mitchell K, Bradstreet J, El-Dahr J. *BMC Clin Pharmacol.* 2009 Oct 23;9:17.
- 2006 **Efficacy of probiotics and nutrients in functional gastrointestinal disorders: a preliminary clinical trial.**
S Kim L, Hilli L, Orłowski J, Kupperman JL, Baral M, F Waters R. *Dig Dis Sci.* 2006 Dec;51(12):2134-44.
- 2000-2001 **Efficacy and safety of echinacea in treating upper respiratory tract infections in children: a randomized controlled trial.** *JAMA*, 2003 Dec 3;290(21):2824-30.
Clinical investigator

COMMITTEES

- 2011 Chair, Organizational Enhancement Grant, Virginia Piper Foundation
 - Southwest College of Naturopathic Medicine
- 2010 Chair, Clinical Subcommittee
 - Southwest College of Naturopathic Medicine
- 2009 American Association of Naturopathic Physicians
 - Convention Content Committee
- 2005-2008 Integrative Pediatrics Council,
 - Executive Board Member

- Pangea Pediatric Integrative Medicine Conference
 - Steering Committee
- 2004-2007 Southwest College of Naturopathic Medicine:
 - Ethics Committee
 - Core Elective Committee
 - Curriculum Committee
 - Student Services Subcommittee of the CNME
- 2004 Arizona Head Start program
 - South Region Health Advisory Committee

PUBLIC SPEAKING, PUBLICATIONS
1998-Current

Environmental Toxicants and Children

2011 Texas Association of Naturopathic Physicians annual conference, Austin, Texas

The Tones of Healing (Closing Keynote Speech)

2011 American Association of Naturopathic Physicians annual conference, Phoenix, Arizona

How Does Current Pediatric Research Relate to Naturopathic Pediatric Medicine?

2010 American Association of Naturopathic Physicians annual conference, Portland, Oregon

Biomedical Treatments for Autism

Melmed Center for Developmental Pediatric Medicine, 2010

Naturopathic Approach to the Conventional Vaccination Schedule

Arizona Naturopathic Medical Association, Annual Conference, 2010

Introduction to the Biomedical Approach to Autism and ADHD,

Lauren's Institute for Education, Quarterly Conference for therapists and parents, 2010

American Health Journal, PBS, 2009

The program, which reaches 30 million viewers, currently airs in 158 cities across the United States on Turners Healthy Living Channel and on PBS.

Navigating Through the Childhood Immunization Schedule

2009 AANP annual conference, Tacoma, Washington

The Use of Botanical Therapies in Autistic Spectrum Disorders

American Society of Autism meeting, 2009

Panelist for Physician's Panel, American Society for Autism annual conference

2007, 2008, 2009

American Chiropractic Association, Pediatric Symposium 2009

Naturopathic Pediatric Care

The Hamilton Elementary School Clinic: A Model for the Naturopathic Approach to Community Health

Washington DC Federal Legislative Initiative (DC FLI) 2008, Washington, D.C.

Integrative Medicine for Children, 1st Ed. Elsevier Publishing

Co-author, 2008. ISBN: 978-1-4160-2299-2

Integrative Pediatrics, Senior Editor: Andrew Weil, MD, Oxford Press

Chapter Co-author, "Specific Approaches: Naturopathy" ISBN: 9

SCNM Open House 2005-Current
Pediatrics at SCNM

Phoenix Magazine, "The Hamilton Elementary School Clinic"
Published Summer 2008

Where Should Services be Provided?
Arizona Public Health Association Annual Meeting, Sept. 2007

Results of "DMSA in the Treatment of Children with Autism and Heavy Metal Toxicity" Case Presentation & Panel Discussion of Naturopathic Treatments for ADHD & Autism Podcast, Southwest College of Naturopathic Medicine: Autism Research and Chelation
American Association of Naturopathic Physicians Conference Palm Springs 2007

DMSA in the Treatment of Children with Autism and Heavy Metal Toxicity
AANP Conference Portland 2006
Pangea Pediatric Integrative Medicine Conference 2006
Phoenix Autism Conference 2006

Who are our Children's Allies? (Panelist)
Pangea Pediatric Integrative Medicine Conference 2006

Hamilton Elementary Clinic: A Model for the Naturopathic Approach to Community Health
American Association of Naturopathic Physicians 2nd Annual Naturopathic Medical Student's conference 2006

NBC Dateline: feature on DMSA/Autism Study
Aired on national television July 2006

Probiotics and its use for Pediatric Conditions
St. Joseph's Hospital Pediatric Residency Grand Rounds February 2006

The National Epidemic of Childhood Obesity
Guest speaker, Imhotep Circle, Southwest College of Naturopathic Medicine, Summer 2006

Voice America Internet Radio Show, Spring 2006
Guest: DMSA treatment in Autistic Children

Radio Campesina, March 2006
Guest speaker on childhood Asthma

A to Z Morning Show, Channel 3 Arizona, Fall 2006
Special guest speaker on childhood obesity

Maricopa Integrated Health System-Public Health Conference
Panelist for Discussion on childhood obesity

North American Vegetarian Society annual Summerfest 2005
Vegetarian Nutrition in Children and Adolescents

Alternative Therapies for Autism
Presented to Tucson's Families for Early Autism Treatment (FEAT) group.

Wellness for Children: Nutrition and Lifestyle for Optimal Health
Bastyr University Staff's Healthy Living Group

Radio Show: "Healing Naturally With Dr. Walter Crinnion, ND" KGNW 820AM

Served as weekly guest speaker on pediatric alternative medicine.

ARTICLES

- 2011 **Chlorine Pools and Children**
CNN.com (recent interview, published soon)
- 2011 **Preventing Athlete's Foot**
Experience Life Magazine/Lifetime Fitness (recent interview, published soon)
- 2011 **Natural Cold Remedies**
Kiwi Magazine (recent interview, published soon)
- 2011 **Proactive Pediatrics**
Latino Perspectives Magazine
- 2011 **Building Healthy Bodies...Naturally**
Westside Today Magazine
- 2010 **Prenatal Folate and hyperactivity Abstract and Commentary**
Natural Medicine Journal
- 2010 **Prenatal probiotic supplementation and its effects on obesity Abstract and Commentary**
Natural Medicine Journal
- 2004 **"Going Naturopathic"**
The Tribune, May 2004
- 2004 **"Open Wide: How to feed your baby the best at every stage"**
Delicious Living Magazine, May 2004
- 2004 **"Alternative therapies for Attention Deficit Disorder"**
Vegetarian Times, June 2004
- 2003 **"ADHD: Top Therapies"**
Let's Live magazine—General Nutrition Center (GNC) publication
- 2003 **"Naturopathic Medicine For Children"**
Raising Arizona Kids magazine, Fall 2003 issue
- 2003 **"Autism: A Holistic Approach"**
Southwest College of Naturopathic Medicine Newsletter
- 2003 **"The National Epidemic of Childhood Obesity: Part 2"**
Southwest College of Naturopathic Medicine Newsletter
- 2002 **"The National Epidemic of Childhood Obesity: Part I"**
Southwest College of Naturopathic Medicine Newsletter
- 2001 **"Taking the 'Ouch' out of Ear Infections!"**
Southwest College of Naturopathic Medicine Newsletter

EDUCATION

Bachelor of Arts in Biology, Castleton State College, 1994
Doctor of Naturopathic Medicine, Bastyr University, 2000

MEMBERSHIPS

American Association of Naturopathic Physicians
Pediatric Association of Naturopathic Physicians

CERTIFICATIONS

- Cardiopulmonary Resuscitation/ Basic Life Support (CPR/BLS) Certified
 - ACLS Certified
 - Pediatric Advanced Life support (PALS) Certified
 - Audiometry Testing Certified, Maricopa County
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ADDITIONAL TRAINING

- Defeat Autism Now: Training Seminar for Physicians with Dr. Jaquelyn McCandless
- Defeat Autism Now Clinician Training: 2003, 2006, 2007, 2008, 2009 Conferences
- In-house clinical training in the treatment for Autistic Spectrum Disorders with Dr. Jeff Bradstreet, MD
- Media Training for Television, Media-Wise, Los Angeles, 2011