

ELIZABETH MUMPER, MD, FAAP, IFMCP

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Current Professional Position

President & CEO & practicing pediatrician Advocates for Children,
Advocates for Families & Rimland Center for Integrative Medicine

Training

Bridgewater College: graduated 1976 Magna cum laude General Science
Medical College of Virginia: graduated 1980 MD
University of Massachusetts: internship 1980-81
University of Virginia: pediatrics residency 1981-83
University of Virginia: pediatrics chief residency 1983-84

Credentialing

Board certified in Pediatrics 1987
Medical License 0101036534
DEA # AM2603947
NPI # 1871557959

Teaching/education

- Adjunct Faculty teaching 6 session courses on Clinical Pediatrics for the Ateneo School of Medicine and Public Health Center for Research and Innovation, Philippines (virtual) spring and summer 2022
- Clinician Mentoring, Institute for Functional Medicine, 2019 - present
- Institute for Functional Medicine: ACTPEDS 2017 External Lead organizing first pediatric conference for IFM, Annual International Conference 2018 speaker, AFMCP facilitator July 2017 & October 2018; Steering Committee Annual International Conference 2019; Moderator, Pediatric tract, Institute for Functional Medicine AIC 2019
- Lynchburg College Physician's Assistant Program Advisory Board – 2013 – 2018; also taught case-oriented patient management series

- Medical Academy of Pediatric Special Needs – serving as faculty developing a clinician training series with certification and mentoring – 2012 to present
- Intersect4Kids – Integrative Medicine conferences and webinars for DCs 2010 to 2015
- International Mentoring:
 - Sydney, Australia:
BioBalance –physicians from Australia and New Zealand
2011, 2012, 2103, 2014, 2015, 2106, 2017, 2018
 - Copenhagen, Denmark
Nordic Clinic Physicians & Staff 2009
 - Rome, Italy – summer, 2006
- Rimland Center mentoring: Nurse Practitioner students, Medical Assistant students, Physician Assistant students, DO students, Nursing students, 2007 – present
- Medical Director, Autism Research Institute, 2004-2009
Included organization of Clinician’s Training series, two think tanks and two conferences per year

Selected Honors & Awards

- Appreciation Award, The Autism Community in Action, 2018
- El Autismo de Hoy award, Congreso Centroamericano, Costa Rica, 2015
- Best Bedside Manner, Silver, Our Health Magazine, Lynchburg & Southside, 2014
- Best Pediatrician, Our Health Magazine, Lynchburg & Southside, 2014
- Distinguished Alumnus Award, Bridgewater College, 2012

- Honorable Mention, Best Bedside Manner, Pediatrics, Our Health Magazine, Lynchburg and Southside edition 2011
- Inspiring Change Award, Australia, 2009
- YWCA Woman of the Year for Health and Sciences in Central Virginia, 1998
- William D. Littleford Award for Corporate Public Service, Second Place National Award, National Press Club, 1998
- Certificate of Appreciation, Exemplary Service - Victim/Witness Program, Lynchburg Commonwealth Attorney's Office, 1997
- Certificate of Special Recognition, Volunteer Services - Lynchburg City Schools, 1997
- Children's Miracle Network Miracle Maker Award for Central Virginia, 1996
- Best Teacher Award (chosen by residents from among 80 physician teachers), 1990
- Douglas Powers Award for Child Psychiatry, Medical College of Virginia, 1980

- **Invited lectures:**
 - COVID vaccine adverse events: Analyzing risks versus benefits in pediatric patients, Medical Academy of Special Needs, September, 2022
 - Covid and kids, Front Line COVID Critical Care Alliance webinar, January 2022
 - Ages and Stages: MINDD Forum Master class, Australia, September 2021(virtual)

- A Systems Approach to the Management of Mental Health Issues, Philippine Society for Developmental and Behavioral Pediatrics, July 2021 (virtual)
- Fostering resilience in childhood in the Age of COVID, Institute for Functional Medicine, May 2021 (virtual)
- Vaccine intensive course, National University of Natural Medicine, May 2021(virtual)
- Vaccination practices and chronic disease status in a cohort of pediatric patients in the US, International Autoimmunity Congress, Athens, Greece (virtual)
- Fostering Immunity in Childhood, Ashland, Oregon, April 2021
- Mighty mitochondria, The Autism Community in Action conference, Costa Mesa, CA, October 2019
- Detox in clinical practice: biotransformation & Elimination, Medical Academy of Special Needs, Costa Mesa, CA, Sept 2019
- Chronic pain, Medical Academy of Special Needs, Costa Mesa, CA, Sept 2019
- *Saccharomyces boulardii*: potential applications for treating self-injurious behavior, Medical Academy of Special Needs, Costa Mesa, CA, Sept 2019
- Allergic triad case, Medical Academy of Special Needs, Costa Mesa, CA, Sept 2019
- Stress, Addiction, Pain & the Young Mind, Plenary session, Institute for Functional Medicine, San Antonio, TX, May 30, 2019
- *Saccharomyces Boulardii*: potential applications for treating self-injurious behavior, Autism Research Institute, Think Tank, Dallas TX, April 2019
- Autoimmunity 2019, MINDD Foundation, Sydney, Australia, March 2019
- Why Cerebral folate deficiency and folate antibodies are important, MINDD Foundation, Sydney, Australia, March 2019
- How ages and stages affect migraines, MINDD Foundation, Sydney, Australia, March 2019

- Alopecia, Vitiligo and Cutaneous Mastocytosis, MINDD Foundation, Sydney, Australia, March 2019
- Unlocking the Allergic Triad, MINDD Foundation, Sydney, Australia, March 2019
- Autoimmunity, Autism, & Cerebral Folate Deficiency, Institute for Functional Medicine Annual International Conference, Hollywood, FL, June 1, 2018
- Vaccine Decisions: Lynchburg Family Practice Residency Program, Lynchburg, VA, June 2018
- Research Update, Biobalance Annual Conference, Melbourne, Australia, March 2018
- Case Management Treatable Medical Problems in Autism, Biobalance Annual Conference, Melbourne, Australia, March 2018
- ADHD & Learning Problems: New approaches, Biobalance Annual Conference, Melbourne, Australia, March 2018
- Expert Roundtable Discussions, Biobalance Annual Conference, Melbourne, Australia, March 2018
- The New Normal, IFM, Advanced Clinical Training: Pediatrics, Miami, December 2, 2017
- Acquired Mitochondrial Dysfunction, IFM, Advanced Clinical Training: Pediatrics, Miami, December 2, 2017
- Visual Diagnosis, IFM, Advanced Clinical Training: Pediatrics, Miami, December 2 & 3, 2017
- ADD, Learning & Behavioral Problems, IFM, Advanced Clinical Training: Pediatrics, Miami, December 3, 2017
- Integrating Gut, Immune and Metabolic Strategies in Autism, IFM, Advanced Clinical Training: Pediatrics, Miami, December 3, 2017
- Preconception & Prevention Strategies, Frankfurt, Germany, November 2017
- Vaccine Update, Frankfurt, Germany, November 2017
- Strategies to Prevent Neurodevelopmental Disorders in Children, Biobalance Annual Conference, Gold Coast, Australia, April 2017

- Case Presentations, Biobalance Annual Conference, Gold Coast, Australia, April 2017
- Expert Roundtable Discussions, Biobalance Annual Conference, Gold Coast, Australia, April 2017
- Breastfeeding & Nutrition, Lynchburg Physician's Assistant Program, Lynchburg, VA, Spring 2017
- Developmental Milestones, Lynchburg Physician's Assistant Program, Lynchburg, VA, Spring 2017
- Pediatrics Cased based lecture, Lynchburg Physician's Assistant Program, Lynchburg, VA, November 2016
- Pediatrics Critical Thinking: Celiac, Lynchburg Physician's Assistant Program, Lynchburg, VA, November 16, 2016
- Obstructive Pulmonary Disease, Lynchburg Physician's Assistant Program, Lynchburg, VA, November 2016
- Appendicitis, Lynchburg Physician's Assistant Program, Lynchburg, VA, November 16, 2016
- Pertussis, Lynchburg Physician's Assistant Program, Lynchburg, VA, November 2016
- RSV & Croup, Lynchburg Physician's Assistant Program, Lynchburg, VA, November 2016
- Community Acquired Pneumonia, Lynchburg Physician's Assistant Program, Lynchburg, VA, October 2016
- Strep, Rheumatic Fever & PANDAS, Lynchburg Physician's Assistant Program, Lynchburg, VA, October 2016
- Pediatrics Hypertension, Lynchburg Physician's Assistant Program, Lynchburg, VA, October 2016
- Pulmonary Infectious Diseases, Lynchburg Physician's Assistant Program, Lynchburg, VA, October 2016
- Critical Thinking Cases, Lynchburg Physician's Assistant Program, Lynchburg, VA, September 2016
- Hypertrophic Cardiomyopathy, Lynchburg Physician's Assistant Program, Lynchburg, VA, September 2016
- Immunology Clinical Applications, MAPS, Atlanta, GA, September 2016

- Autism, Lynchburg Physician's Assistant Program, Lynchburg, VA, September 2016
- Measles and Mumps, Lynchburg Physician's Assistant Program, Lynchburg, VA, September 2016
- Leggs Calves Perthes & Slipped Capital Femoral Epiphysis, Lynchburg Physician's Assistant Program, Lynchburg, VA, August 2016
- Radial head injuries, Lynchburg Physician's Assistant Program, Lynchburg, VA, August 2016
- Immunology Overview, MINDD, Sydney, Australia, May 20, 2016
- Immunodeficiencies, MINDD, Sydney, Australia, May 20, 2016
- Case Studies, MINDD, Sydney, Australia, May 20, 2016
- Novel Pharmacological Interventions, MINDD, Sydney, Australia, May 21, 2016
- Research Potpourri, MINDD, Sydney, Australia, May 21, 2016
- Case Studies, MINDD, Sydney, Australia, May 21, 2016
- Advanced Clinical Cases, Medical Academy of Special Needs, Costa Mesa, CA, April 30, 2016
- Cases in Environmental Medicine, Medical Academy of Special Needs, Costa Mesa, CA, April 30, 2016
- Foundations of Metabolism, Medical Academy of Special Needs, Costa Mesa, CA, April 28, 2016
- Normal Detoxification, Environmental Toxicology & Children, Medical Academy of Special Needs, Costa Mesa, CA, April 29, 2016
- Developmental Progress in First Year of Biomedical Treatments, Autism Research Institute Think Tank, April 3, 2016
- Cerebral Folate Deficiency, Biobalance, Gold Coast Australia, March 2016
- New Developments in Mitochondrial Dysfunction in Neurodevelopmental Disorders, Gold Coast Australia, March 20, 2016
- Complicated Case Management, Gold Coast Australia, March 17, 2016
- Integration of Gut & Immune Function in Neurodevelopmental Disorders, Gold Coast Australia, March 15, 2016

- Case History: Integration of Multiple Medical Problems, Walsh Institute Training, Irvine, CA, January 26, 2016
- Mitochondrial Cases, Walsh Institute Training, Irvine, CA, January 25, 2016
- Metabolic Cases, Walsh Institute Training, Irvine, CA, January 25, 2016
- Gut Cases, Walsh Institute Training, Irvine, CA, January 24, 2016
- Immune Case Correlations, Walsh Institute Training, January 24, 2016
- The Role of the Gut & Immune Dysregulation in Autism, Walsh Institute Training, Irvine, CA, January 23, 2016
- Management of Prenatal & Postnatal Risk Factors for Autism Spectrum Disorders, Walsh Institute Training, January 23, 2016
- Recognizing & Treating Medical Problems of Children with Autism, Heidelberg, Germany, October 3, 2015
- Autism as a Multi-System Disorder, Heidelberg, Germany, October 4, 2015
- Autisms: Research Update, American Association of Naturopathic Physicians, Oakland, CA, August 7, 2015
- Autisms: a paradigm of genetic susceptibility, environmental triggers, and timing, American Association of Naturopathic Physicians, Oakland, CA, August 7, 2015
- Evidence Based Treatments in Autism, July 29, 2015
- Autisms: genetic susceptibility & environmental triggers, San Jose, Costa Rica, July 15, 2015
- Role of the Gut in Autism, San Jose, Costa Rica, July 15, 2015
- Immune Dysregulation in Autism, San Jose, Costa Rica, July 16, 2015
- Methylation & Transulfuration Biochemistry in Autism, San Jose, Costa Rica, July 17, 2015
- How to Evaluate Common Gastrointestinal Problems in Autism, TACA webinar, July 8, 2015
- Immune Dysregulation in Autism, Monterrey, Mexico, April 23, 2015
- The Role of the Gut in Autism, Monterrey, Mexico, April 22, 2015

- Genetics & Environment, Monterrey, Mexico, April 22, 2015
- Medical Round Table, Monterrey, Mexico, April 20 & 21, 2015
- Clinical Clues from Intake Forms, Biobalance Conference, Australia, March 22, 2015
- Environmental & Genetic Factors in Autism, Australia, March 23, 2015
- Gastrointestinal Problems in Autism, Australia, March 23, 2015
- Immune Dysregulation in Autism, Australia, March 24, 2015
- Methylation biochemistry in Autism, Australia, March 24, 2015
- Foundations of Immunology, Medical Academy of Special Needs, Costa Mesa, CA, March 12, 2015
- Advanced cases, Medical Academy of Special Needs, Costa Mesa, CA, March 12, 2015
- Advanced cases; mitochondrial dysfunction, Medical Academy of Special Needs, Costa Mesa, CA, March 12, 2015
- Normal Immunology in Children, Medical Academy of Special Needs, Costa Mesa, CA, March 13, 2015
- Clinical Pearls, Advanced clinical module, Medical Academy of Special Needs, Costa Mesa, CA, March 13, 2015
- Advanced clinical module, cases, Medical Academy of Special Needs, Costa Mesa, CA, March 13, 2015
- New Paradigms in Autism, Centra Health, Lynchburg, VA, November 12, 2014
- Nutritional and Metabolic Aspects of Autism, Walsh Institute, Chicago, IL October 19, 2014
- Management of Prenatal & Postnatal Risk Factors for Autism Spectrum Disorders, University of California, San Diego, October 8, 2014
- The New Autism Paradigm: Autism is Treatable, Vienna, Austria, September 20, 2014

- Medical Problems of Children with Autism, Vienna, Austria, September 21, 2014
- Lessons from the autism epidemic – the emerging paradigm of treatment & prevention, Sunderland, England, September 15, 2014
- Role of the Gut in Autism, Intersect for Kids, Salt Lake City, May 2-4, 2014
- Immune Imbalance, Intersect for Kids, Salt Lake City, May 2-4, 2014
- Metabolic and Mitochondrial issues, Intersect for Kids, Salt Lake City, May 2-4, 2014
- Interpretation of Lab data, Intersect for Kids, Salt Lake City, May 2-4, 2014
- The importance of immune regulation in autism treatment and prevention, Biobalance, Gold Coast, Australia, April 6, 2014
- ADHD Introduction, Medical Academy of Pediatric Special Needs, Costa Mesa, CA, March 27-28, 2014
- ADHD Case Presentations, Medical Academy of Pediatric Special Needs, Costa Mesa, CA, March 27-28, 2014
- Case Presentations, Medical Academy of Pediatric Special Needs, Costa Mesa, CA, March 27-28, 2014
- Foundations of Immunology, Medical Academy of Pediatric Special Needs, Costa Mesa, CA, March 27-28, 2014
- Clinical Pearls & Assessment, Medical Academy of Pediatric Special Needs, Costa Mesa, CA, March 27-28, 2014
- Can awareness of autism pathophysiology lead to autism prevention strategies in primary care? Compass, San Francisco, February 9, 2014

- GI testing and Clinical Pearls, Medical Academy of Pediatric Special Needs, Tampa, FL, October 2013
- Immune System and Normal Immunology, Medical Academy of Pediatric Special Needs, Tampa, FL, October 2013
- Assessment and Clinical Pearls, Medical Academy of Pediatric Special Needs, Tampa, FL, October 2013
- Children with autism: focus on gastrointestinal and metabolic, Annual Biomedical Conference for Autism, PDD, ADHD, OCD and Tourette's, Burlington, Ontario, Canada, June 15, 2013
- Medical Problems of Children with Autism, MINDD Conference, Sydney, Australia, May 18-19, 2013
- Oxidative stress and methylation biochemistry, MINDD Conference, Sydney, Australia, May 18-19, 2013
- Immunology & Inflammation in Autism, MINDD Conference, Sydney, Australia, May 18-19, 2013
- Gastrointestinal Abnormalities, MINDD Conference, Sydney, Australia, May 18-19, 2013
- Case presentations: Integrating Treatments for Oxidative Stress, Methylation and Mitochondrial Dysfunction, MINDD Conference, Sydney, Australia, May 18-19, 2013
- Research Update in Autism, Biobalance Health Association, Gold Coast, Australia, April 7, 2013
- Clinical Pearls in Autism Management, Medical Academy of Pediatric Special Needs, Costa Mesa, California, March 21-23, 2013
- Gastrointestinal Testing in Autism, Medical Academy of Pediatric Special Needs, Costa Mesa, California, March 21-23, 2013

- Case Presentations, Medical Academy of Pediatric Special Needs, Costa Mesa, California, March 21-23, 2013
- Foundations of Immunology, Medical Academy of Pediatric Special Needs, Costa Mesa, California, March 21-23, 2013
- Normal detoxification, environmental toxicology and children, Medical Academy of Pediatric Special Needs, Costa Mesa, California, March 21-23, 2013
- Gastrointestinal Abnormalities in Autism, California Integrative Hyperbarics Clinic, Irvine, California, 2/13
- Medical Problems of Children with Autism, University of California, San Francisco Pediatrics Department, 11/12
- From Bench to Bedside: Applying Emerging Research to the Medical Problems of Children with Autism, University of California, San Francisco Psychiatry Department, 11/12
- Clinical Treatment Assessment in Autism, Autism Research Institute, Anaheim, CA, 10/12
- Putting the Pieces Together: Advanced Case Studies, Autism Research Institute, Anaheim, CA, 10/12
- Medical Problems of Children with Autism, Autism Research Institute, Anaheim, CA, 10/12
- Gastrointestinal Abnormalities in Autism, Medical Academy for Pediatric Special Needs, Orlando, FL, 9/12
- GI Immune Cases Level 1 and Level 2, Medical Academy for Pediatric Special Needs, Orlando, FL, 9/12
- Oxidative Stress, Methylation, Transulfuration and Antioxidants, Medical Academy for Pediatric Special Needs, Orlando, FL, 9/12
- Gastrointestinal Inflammation and It's Connection to Neurological Function, The Osteopathic Cranial Academy, Atlanta, 6/12
- The Ultimate Storm and the Sinking Ship, Intersect 4 Kids, Chicago, 5/12

- Introduction to Medical Problems of Children with Autism, Intersect 4 Kids, Chicago, 5/12
- Biochemistry of Autism and Neurodevelopmental Disorders: Methylation Biochemistry and Detoxification Issues, Intersect 4 Kids, Chicago, 5/12
- Case Studies: Detoxification, Methylation and Sulfation, Intersect 4 Kids, Chicago, 5/12
- The Role of the Gut: Pathology and Treatment Approaches, Intersect 4 Kids, Chicago, 5/12
- Case Studies: Healing the Gut, Intersect 4 Kids, Chicago, 5/12
- Immune Dysregulation: How to Recognize Imbalances and Restore Equilibrium, Intersect 4 Kids, Chicago, 5/12
- Case Studies: Immune Dysregulation and Food Sensitivities, Intersect 4 Kids, Chicago, 5/12
- Choosing Labs, Intersect 4 Kids, Chicago, 5/12
- Effective Medical Management, Autism Research Institute, Newark, 4/12
- Clinician Training Cases, Autism Research Institute, Newark, 4/12
- GI Issues in Autism, Autism Research Institute, Newark, 4/12
- Assessment and Treatment of GI abnormalities in Children with Autism, Biobalance, Sydney Australia, 3/12
- Gastrointestinal Abnormalities in Children with Autism, Medical Association of Pediatric Special Needs, Las Vegas, 3/12
- Case Presentations, Medical Association of Pediatric Special Needs, Las Vegas, 3/12
- Getting Started on Treatment Strategies, National Autism Association, Tampa, FL, 11/11
- Autism: Treating the Whole Child, Las Vegas, NV, 10/11
- Effective Medical Management – Part 1, Autism Research Institute Conference, Clinician's Seminar, Las Vegas, NV, 10/11.
- Effective Medical Management – Part 2, Autism Research Institute Conference, Clinician's Seminar, Las Vegas, NV, 10/11.

- Role of the Gut: Pathology and Treatment Approaches, Intersect4Kids Conference, Oakland, CA, 10/11.
- Gut Case Histories and Lab Interpretations, Intersect4Kids Conference, Oakland, CA, 10/11.
- Metabolic Case Histories and Lab Interpretations, Intersect4Kids Conference, Oakland, CA, 10/11.
- Immune Case Histories and Lab Interpretations, Intersect4Kids Conference, Oakland, CA, 10/11.
- Role of the Gut: Pathology and Treatment Approaches, North Carolina Integrative Medicine Society, NC, 06/11
- Scientific Evidence for the Metabolic Approach for Autism and ADHD, Your Healing Retreat, Kanuga, NC, 06/11
- Daily Pearls for General Pediatrics, Your healing Retreat, Kanuga, NC, 06/11.
- Role of the Gut in Autism, Kentucky Family Medicine Scientific Assembly, KY, 06/11.
- Autism: Defined as a Behavioral Disorder, Characterized by Treatable Medical Problems, Kentucky Family Medicine Scientific Assembly, KY, 06/11.
- Immune Dysregulation: How to Recognize Imbalances and Restore Equilibrium, Kentucky Family Medicine Scientific Assembly, KY, 06/11.
- Biochemistry of Autism and Neurodevelopmental Disorders: Methylation and Detoxification, Kentucky Family Medicine Scientific Assembly, KY, 06/11.
- Case Histories and Lab Interpretations, Kentucky Family Medicine Scientific Assembly, KY, 06/11.
- Case Histories and Lab Interpretations, Kentucky Family Medicine Scientific Assembly, 06/11.
- Medical Problems in Children with Autism: Opportunities for Intervention, Spectrum Autism Conference, Dothan, AL, 04/30/11.
- Autism: Defined as a Behavioral Disorder, Characterized by Treatable Medical Problems, Autism Research Conference, Atlanta, GA, 04/29/11.

- Getting Started on Treatment Strategies, Autism Research Conference, Atlanta, GA, 04/29/11.
- Biochemistry of Autism and Neurodevelopmental Disorders: Methylation and Detoxification, Intersect4Kids Conference, Chicago, IL, 04/15-17/11.
- Role of the Gut: Pathology and Treatment Approaches, Intersect4Kids Conference, Chicago, IL, 04/15-17/11.
- Immune Dysregulation: How to Recognize Imbalances and Restore Equilibrium, Intersect4Kids Conference, Chicago, IL, 04/15-17/11.
- Medical Problems of Children with Autism, Intersect4Kids Conference, Chicago, IL, 04/15-17/11.
- Metabolic Case Histories and Lab Interpretations, Intersect4Kids Conference, Chicago, IL, 04/15-17/11.
- Treatment of Medical Problems in Children with Autism: Australia 2011, BioBalance Conference and Patient Outreach, 3/28/11
- The Role of Intestinal Pathology, Metabolic Imbalance, and Immune Dysregulation in Autism, BioBalance Conference and Patient Outreach, 3/25/11 – 4/5/11.
- Biochemistry of Autism and Neurodevelopmental Disorders: Methylation and Detoxification, Intersect4Kids Conference, Chicago, IL 02/11
- Metabolic Case Histories and Lab Interpretations, Intersect4Kids Conference, Chicago, IL, 02/11.
- Immune Case Histories and Lab Interpretations, Intersect4Kids Conference, Chicago, IL, 02/11.
- Gut Case Histories and Lab Interpretations, Intersect4Kids Conference, Chicago, IL, 02/11.
- Case History: Impaired Metabolism and Detoxification, Hope for Autism Conference, Charleston, SC, 11/10.

- Immune System Dysfunction and Neuroinflammation in Autism Spectrum Disorders, Hope for Autism Conference, Charleston, SC, 11/10.
- Impaired Detoxification, Metabolism, and Oxidative Stress in ASD: Testing and Treatment, Hope for Autism Conference, Charleston, SC, 11/10.
- Autism Spectrum Disorders: Intestinal Health, Tampa Clinician Seminar, 02/10
- Case Histories and Lab Interpretations, Tampa Clinician Seminar, 02/10
- Biomedical Interventions for Autism: The Paradigm Shift, Tampa Clinician Seminar, 02/10.
- Clinical Roundtable (for clinicians only), Defeat Autism Now! Spring Conference, Baltimore, MD, 04/08/10-04/11/10
- Clinical Pearls about Immune Disorders in Children with Autism, Defeat Autism Now! Spring Conference, Baltimore, MD, 04/08/10-04/11/10
- Biomedical Interventions: The Paradigm Shift, Defeat Autism Now! Clinician Training Seminar, Tampa, FL, 02/05-08/10, 2010.
- Autistic Spectrum Disorders: Intestinal Disorders, Defeat Autism Now! Clinician Training Seminar, Tampa, FL, 02/05-08/10, 2010.
- Cases: Faculty & Interactive Presentations, Defeat Autism Now! Clinician Training Seminar, Tampa, FL, 02/05-08/10, 2010.
- Learning Special Techniques for Assessing Allergies, Breakspear Hospital, Hemel Hempstead, Hertfordshire, United Kingdom, 11/17-20/09
- Invited by *Autism Speaks* as pediatric representative for special symposium. Discussed GI disease in children with autism. NASPGHAN, 11/13-16/09

- Medical Problems of Children with Autism, Autism Symposium, Blank Children's Hospital, Des Moines, IA, 11/03/09
- Keynote: Changing Paradigms in Autism Spectrum Disorders, Autism Symposium, Blank Children's Hospital, Des Moines, IA, 11/03/09
- Introduction to the Defeat Autism Now! Approach, Autism Research Institute Conference, Dallas, TX, 10/10-13/09
- Clinical Seminar: Clues to Complex Illness, Autism Research Institute Conference, Dallas, TX, 10/10-13/09
- Clinical Seminar: Advanced Lab Interpretation, Autism Research Institute Conference, Dallas, TX, 10/10-13/09
- Clinical Seminar: Introduction, Autism Research Institute Conference, Dallas, TX, 10/10-13/09
- Pearls from a Pediatrician's Perspective on What to Do when Your Child Seems Ill, Save Our Kids Conference, Newark, NJ, 09/12/0
- The Metabolic System, Keynote Speaker, MINDD International Forum on Children, Sydney, Australia, 05/10-23/09
- The Immune System, MINDD International Forum on Children, Sydney, Australia, 05/10-23/09.
- The Big Picture, MINDD International Forum on Children, Sydney, Australia, 05/10-23/09
- History and Physical Exam Pearls, MINDD International Forum on Children, Sydney, Australia, 05/10-23/09
- Impact of Environment on Children's Health, Keynote Speaker, MINDD International Forum on Children, Sydney, Australia, 05/10-23/09
- Autism Is Treatable: The New Paradigm, Autism Research Institute Conference, Atlanta, GA, 04/15-20/09

- Clinical Seminar: Complex Cases, Autism Research Institute Conference, Atlanta, GA, 04/15-20/09
- Clinical Seminar: Case Presentations, Autism Research Institute Conference, Atlanta, GA, 04/15-20/09
- Clinical Seminar: Lab Interpretation, Autism Research Institute Conference, Atlanta, GA, 04/15-20/09
- Beyond the Classroom: Medical Management of Children with Autism, Lynchburg City School, April 2008
- Vaccines: How to Make Good Choices for Prevention of Illness and Vaccine Complications, Save Our Children – Heal our Planet Conference, Charlotte, NC, 09/28/2008
- Clinician Seminar: Clues to Complex Cases, DAN! Sequential Clinician Seminar, San Diego, CA 10/2008
- Clinician Seminar: Case Histories with Lab Interpretation, DAN! Sequential Clinician Seminar, San Diego, CA, 10/2008
- Vicious Cycles in Autism, Presentation at the Norwegian Parliament, Oslo, Norway, 10/2008
- Is Autism a Brain Disorder or a Disorder that Affects the Brain? Oslo, Norway, 10/2008
- Measles Virus RNA in Ileal Biopsies from Children with Regressive Autism: Results of a Blinded Case-Control Study of MMR Vaccinated Children, Autism Research Institute Think Tank, 10/20/08
- An Emerging Model of Autism, Ratna Ling Retreat, California, 06/2008
- Role of the Intestine in Health and Autism, Autism One Conference, 05/2008
- Interpretation of Labs, Autism One Conference, Chicago, IL, 05/2008
- Introduction and Integration of the Science, Autism One Conference, Chicago, IL, 05/2008

- Introduction and Integration of the Science, DAN! Clinician Seminar, Cherry Hill, PA, 04/2008
- Clinician Seminar: Lab Seminar, Anaheim, CA, 10/2007
- Case Presentation: Importance of the Gut, Anaheim, CA, 10/2007
- Defeat Autism Now! Conference, Anaheim, CA, 10/2007
- Moderator, Think Tank Clinical Presentations, Defeat Autism Now! Seattle, Washington, 10/05/2007
- Vicious Cycles in Autism: Opportunities for Intervention, Autism One, Chicago, Illinois, 05/27/2007
- Hyperbaric Oxygen Therapy in Autism: A Double-Blind Controlled Study, Hyperbaric Therapy Workshop, American College for Advancement in Medicine, Chicago, Illinois, 05/09/2007
- DAN! Physician's Training, Defeat Autism Now! Alexandria, VA, 04/23/2007
- Treating Vicious Cycles – A Paradigm for Understanding ASD, Defeat Autism Now! Alexandria, VA, 04/22/2007
- Biomedical Interventions for Autism, Virginia Tech T/TAC Autism Spectrum Disorders Conference, Blacksburg, VA, 03/22/2007
- Medical Problems in children with Autism, University of Japan, 03/05/2007
- Biomedical Interventions for Autism, Commonwealth Autism, Richmond, Virginia, 03/04/2006
- Autism Workshop (3 hours), Speech and Hearing Association of Virginia, Richmond, VA, 03/02/2007
- Biomedical Abnormalities in Autism, Keynote Lecture Speech and Hearing Association of Virginia, Richmond, VA, 03/01/2007

- Introduction and General Overview, Mini DAN! Jacksonville, Florida, 01/28/2007
- The DAN! Approach and Associated Biochemistry Made Simple, Mini DAN! Jacksonville, Florida, 01/27/2007
- Consensus Panel Participant: Gut Disease in Autism, Autism Speaks/Harvard, Boston, MA, 10/13/2006
- Integration of the Science: Essentials in Treating Children with Autism Spectrum Disorders, Defeat Autism Now! Seattle, Washington, 10/09/2006
- Moderator, DAN! National Conference, Seattle, Washington, 10/08/2006
- Immunology Update, Central Virginia Nurses, Lynchburg, VA, 10/06/2006
- Clinical Correlations to Intestinal Pathology in Autism, Swiss Virology Institute, Zurich, Switzerland, 09/22/2006
- Why Are So Many Children Sick and What Can Be Done to Help Them? Workshop, Twenty Third International Neurotoxicology Conference, Little Rock, Arkansas, 09/17/2006
- Integrating the Science, Specific Assessment Skills, and An Individualized Approach, Vermont Mini-DAN! Burlington, Vermont, 9/10/2006
- Introduction and Overview for Clinician's Training, Vermont Mini-DAN! Burlington, Vermont, 09/10/2006
- A Review of What it takes to create a Successful DAN! Practice, Vermont Mini-DAN ! Burlington, Vermont, 09/09/2006
- Autism Spectrum Disorders are Treatable, Organ Systems and Cellular Biochemistry

- Practitioner's Training, MINDD International Forum on Children, Sydney, Australia, 05/21/2006
- Making Sense of it All, MINDD International Forum on Children, Sydney, Australia, 05/21/2006
- Keynote Address, MINDD Foundation benefit dinner, Sydney, Australia, 05/20/2006
- Autism and Pediatric Illness from a Cellular Perspective, MINDD International Forum on Children, Sydney, Australia, 05/20/2006
- Physician's Training, Defeat Autism Now!, Washington, DC, 04/10/2006
- Physician Training, DAN! Europe Initiative, Bologna, Italy, 11/25-11/27/2005
- The Essentials of a DAN! Practice & Review of Biochemistry Integrating the Science, Specific Assessment Skills, and an Individualized Approach, DAN! Physician's Training, Long Beach, California, 10/31/2005
- Follow the Science: Synergy and Synchrony in Autism, Defeat Autism Now! Conference, Long Beach, California, 10/28/2005
- Physician's Training, Mini Defeat Autism Now! Conference, Toronto, Canada, 09/18/2005
- Biomedical Abnormalities in Children with Autism, Mini Defeat Autism Now! Conference, Toronto, Canada, 09/17/2005
- Integrating the Science: Case Histories of Children with ASD's, National Institute for Environmental Health Sciences, Bethesda, MD, 08/25/2005
- Clinical Correlations in Children with Autism, The Marcus Institute, Atlanta, GA, 07/18/2005

- Physician's Training, Mini Defeat Autism Now! Conference, Charlotte, NC, 07/17/2005
- The DAN! Approach and Biochemistry Made Simple, Mini Defeat Autism Now! Conference, Charlotte, NC, 07/16/2005
- L'autismo et trattabile, Defeat Autism Now ! European Conference, Bologna, Italy, 06/04/2005
- Biomedical Abnormalities in Children with Autism Lecture before Senator's Enzi's investigative staff, Health, Education, Labor and Pension Committee, Washington, DC, 05/18/2005
- Physician Facilitator, Think Tank, MINDD Foundation, Sydney, Australia, 05/18/2005
- Integration of Biomedical Issues with Clinical Problems in Children with Autism National Autism Association, Virginia Chapter, Charlottesville, VA, 04/30/2005
- Overview, Integration and Summation of Intestinal, Immune and Metabolic Problems in Autism, Physician's Training Series, Defeat Autism Now! Boston, MA, 04/18/2005
- Autism from a Cellular Perspective, Defeat Autism Now! Conference, Boston, MA, 04/16/2005
- Clinical Applications of the Science in Autism, International Conference on Childhood Developmental Disorders, Thoughtful House, Austin, TX, 04/03/2005
- Metabolic and Gastrointestinal Problems in Autism, Speech and Hearing Association of Virginia, Williamsburg, Virginia, 03/11/2005
- Clinical, Metabolic and Intestinal Abnormalities in Children with Autism, Virginia Tech Autism Conference, Abington, VA, 03/11/2005
- Integration of Clinical and Biomedical Abnormalities in Autism, Commonwealth Autism Center Conference, Richmond, VA, 03/03/2005

- Practitioner Overview of the Biomedical Model for Treating Autism, Mini-DAN! Physician Training, Auburn, AL, 11/07/2004
- Biomedical Issues and Clinical Problems in ASD, Mini-DAN! conference, Auburn, AL, 11/06/2004
- Biomedical Problems in Children with Autism, World Autism Organization Conference, Prague, Czech Republic, 11/06/2004
- Integration of Biomedical Issues with Clinical Problems in Children with ASD, Mini-DAN! Physician's Training, Los Angeles, CA, 10/04/2004
- Methylation Disorders in Autism, Mini-DAN! Physician's Training, Los Angeles, CA, 10/04/2004
- Update on Attention Deficit Disorder, Novartis lecture, Petersburg, VA, 05/18/2004
- Gut Abnormalities in Autism, Autism Conference for Parents, Danville, VA, 04/24/2004
- Vaccine Update: focus on thimerosal and MMR, Emergency Nurses Association Conference, Sweet Briar College, Amherst, VA, 4/22/2004
- Overview of Biomedical Abnormalities in Autism Defeat Autism Now! Conference for Medical Professionals, Washington, DC, 4/19/2004
- The Role of the Gut in Autism, Biomedical Interventions in Autism Spectrum Disorders, University of Pittsburg, Pittsburg, PA, 2/28/04
- Biochemical abnormalities and interventions in children with autism spectrum disorders, Center for Autism Spectrum Disorders Convention, Dallas, Texas, 11/2003
- Thimerosal and Autism, Carilion Hospital Pediatric Conference, Roanoke, VA, 10/03

- “Clinical Science Behind the Thimerosal/MMR Hype”, Central Virginia Training Center, Madison Heights, Virginia, 6/11/03
- “Paradigm Shifts in Autism”, From Research to Practice Conference, Central Virginia Autism Action Group, Lynchburg, Virginia, 5/24/2003
- Biomedical Problems in Attention Disorders, Carilion Pediatrics, Roanoke, Virginia, 5/7/03
- Biomedical Issues in Autism, The Autism Program of Virginia Annual Conference, Richmond, Virginia, 4/2/2003
- Management of Attention Problems in Children, Carilion Family Practice, Christiansburg, Virginia, 11/19/02
- Stimulant Options for ADHD, Lewis Gale Pediatrics, Salem, Virginia, 9/18/02
- Update on ADHD Therapies, Hopkins Pediatrics, Lynchburg, Virginia, 9/4/02
- Child Advocacy in the New Millennium, Pediatric Grand Rounds, University of Virginia Medical Center, Charlottesville, Virginia, 10/2001
- “Domestic Violence- The Unrecognized Epidemic”, McLemore Birdsong Pediatric Conference – UVA, Domestic Violence Workshop, Hot Springs, Virginia, 5/2001
- “Recognition of Child Abuse”, Emergency Nurses Association, Virginia Baptist Hospital, 10/2000
- Federal Hill Forum; Marginalized Children, Lynchburg Public Library, Lynchburg, VA; Taped and shown on six different television airings, 3/2000
- YWCA Women of Achievement Dinner, Lynchburg College, Lynchburg, VA, 3/2000

- Bike Helmet Safety Campaign Lecture, University of Virginia, Charlottesville, VA, 2/2000
- CPC – Occult Malignancy Presenting as a Limp, Lynchburg General Hospital, Lynchburg, VA, 2/2000
- “Recognition and Reporting of Child abuse”, Project Daniel Staff, Lynchburg, VA, 2/2000
- “Pediatric Pearls for the Millennium”, Cedars Sinai Medical Center, Los Angeles, CA, 1/2000
- “Fostering Resiliency in Children Who Live in Domestic Violence” UVA Pediatric Grand Rounds, Charlottesville, VA, 12/99
- “Bike Helmet Safety: Community Collaboration and Success”, Lynchburg Rotary Club, 10/99
- “Collaboration in Medicine”, Seven Hills Medical Society, Lynchburg, VA, 7/99
- “Strategies for Community Collaboration”, University of VA Family Practice Residency, Charlottesville, VA, 6/99
- “Management of Burns”, Virginia Baptist Hospital, Lynchburg, VA, 2/99
- “Domestic Violence”, Lynchburg Academy of Medicine Alliance, Lynchburg, VA, 1/99
- “An Effective Local Bike Helmet Safety Campaign” Lynchburg Academy of Medicine, Lynchburg, VA, 10/98
- “Domestic Violence”, Regional Perinatal Coordinating Council, Lynchburg, VA, 9/98
- “The Miracle of Healing”, Centra Health Unit Coordinators Retreat, Lynchburg, VA, 9/98
- “Bike Helmet Safety: A Collaborative Community Campaign”, Lynchburg Academy of Medicine, Lynchburg, VA, 11/97

- Poster Session “Developing an Effective Bike Helmet Safety Campaign”, American Academy of Pediatrics, New Orleans, LA, 11/97
- “Achieving Balance in Professional and Personal Work”, Department of Health Unit Coordinators, Centra Health, Lynchburg, VA, 9/97
- “Developing an Effective Bike Helmet Safety Campaign”, McLemore Birdsong Pediatric Conference, Hot Springs, VA, 4/97
- “Well Child Care”, Grand Rounds, Roanoke Community Hospital, Roanoke, VA, 3/97
- “Domestic Violence Forum”, Lynchburg Academy of Medicine, 1/97
- “Developmental Approach to well Child Care”, Department of Pediatrics Marshall University, Huntington, West Virginia, 5/96
- “Breast Milk Colitis”, “Update on Breastfeeding Research”, Lactation Education in Focus: Conference presented by Lactation Education Department, Virginia Baptist Hospital, 3/96
- “Developmental Approach in Pediatric Practice”, Cedars Sinai, Department of Pediatrics, UCLA School of Medicine Los Angeles, CA, 12/95
- “How to Counsel the Breastfeeding Mother”, Department of Pediatrics University of Virginia, Charlottesville, Virginia, 2/95
- “Developmental Approach to Well Child Care”, Department of Pediatrics University of Virginia, Charlottesville, Virginia, 4/94
- Promotion of Breastfeeding in the Newborn Nursery: Virginia Baptist Hospital, Lynchburg, VA, 12/93
- “Preventive Pediatrics”, Local Lynchburg area hour long television show (Channel 6), 11/92
- Career Day Keynote Speech, University of Virginia Health Sciences Center School of Medicine, 9/92

- “Getting Your Child ready for School”, Local Lynchburg area half hour radio show, 8/92
- “Mothers and Daughters”, Public Seminar sponsored by Centra Health, Lynchburg, VA, 10/91
- “Nutrition” Maternity Medley, Symposium for public sponsored by Virginia Baptist Hospital, Lynchburg, Virginia, 10/90
- “Ritalin”, Public Lecture for Lynchburg Area Learning Disabilities, Association Lynchburg Public Library, 10/89
- “Pediatric Pearls”, Cedars Sinai, Department of Pediatrics, UCLA School of Medicine, Los Angeles, CA, 12/88

Scholarly Activity

Publications

Abstracts

- “Developing an Effective Bike Helmet Safety Campaign”, Pediatrics, No. 3, Part 2, 09/1997

Editing & local articles

- Contributing Editor, Autism, Effective Biomedical Treatments, Pangborn and Baker, Institutional, 2005
- “Advocates for Children”, LAMLight, 9/2000
- “Lynchburg Coalition Against Domestic Violence”, LAMlight, Vol. 13, No. 10, 10/1998
- Lactation Education Booklet, Virginia Baptist Hospital, 4/1994
- “Debunking the Stereotype: Women Physicians Battle Myths”, LAMLight, Vol 6, No. 2, 10/1992

Journal Articles

- Reduction in Obsessive Compulsive Disorder and Self-Injurious Behavior with *Saccharomyces boulardii* in a Child with Autism: A Case Report, Integrative Medicine, Vol 17, No. 6, December 2018
- “Can awareness of medical pathophysiology in autism lead to primary care autism prevention strategies?” The North American Journal of Medicine and Science July 2013 Vol 6 No 3
- “A call for action: recognizing and treating medical problems of children with autism” The North American Journal of Medicine and Science July 2012, Vol 5, No 3
- “Hyperbaric oxygen treatment in autism spectrum disorders” Medical Gas Research 15 June 2012, 2:16
- “Urinary porphyrin excretion in neurotypical and autistic children” Environ Health Perspect **118**(10), 2010.
- “Hyperbaric treatment for children with autism: a multicenter, randomized, double-blind, controlled trial” BMC Pediatrics Vol. 9, No. 21, 03/2009
- ” Neurodevelopmental disorders, maternal rh-negativity, and rho(d) immune globulins: a multi-center assessment” Neuro Endocrinology Letters 29(2), 03/2008
- “Low natural killer cell cytotoxic activity in autism: the role of glutathione, IL-2, and IL-15”, Journal Neuroimmunology 12/15/08
- “The effects of hyperbaric oxygen therapy on oxidative stress, inflammation, and symptoms in children with autism: an open-label pilot study” BMC Pediatrics Vol. **7**(36), 11/2007
- “Hats off to Helmets” Contemporary Pediatrics **14**(10): 123-134, 10/1997

Medical Education Materials

- Pediatric Curriculum and Rotation Requirements - Lynchburg Family Practice Policy Manual, 1989 – 2000
- Newborn Nursery Intern Handbook - Pediatric Inpatient Survival Guide, 1989

Textbook Chapters

- Allergy & Immunology, BRS Pediatrics, Lippincott Williams & Wilkins, 2004
- Behavioral & Developmental Pediatrics, BRS Pediatrics, Lippincott Williams & Wilkins, 2004

Book Forwards:

- The UnPrescription for Autism, Amacom, 2016
- The ADHD and Autism Nutritional Supplement Handbook, Laake and Compart, 2013
- Hope for the Autism Spectrum, Kirk, Jessica Kingsley Publishers, 2008

Book Chapters

- Methylation, The ADHD and Autism Nutritional Supplement Handbook, Laake and Compart, 2013

Journal Reviewer: American College of Physicians and Surgeons
Translational Psychiatry
Journal of Translational Medicine

Research Projects

Currently underway: Vaccination status & chronic disease in an integrative pediatric practice.

- Can some cases of autism be prevented by integrative pediatric strategies? 2013
- Comparison of urinary porphyrins in patients with autism spectrum disorders vs. neurodevelopmentally normal controls 2010
- Evaluation of the reliability of multiple labs utilizing split samples, 2009
- Evaluation of hyperbaric oxygen therapy in children with autism and ADHD 2007, 2008
- Methylation and glutathione abnormalities in autistic patients compared to controls, 2005
- Natural Killer cell function in children with autism spectrum disorders correlated with endoscopic abnormalities and glutathione levels, 2004
- Viral studies utilizing RT-PCR for measles identification and Avian Retroviral Analysis in gut biopsies of children with autism spectrum disorder, 2002

Community Service

- Pediatric Advisor, Front Line COVID Critical Care Alliance, 2021 - present
- Medical Advisor, Children's Health Defense, 2020 - present
- Board Member, The Motherhood Collective, January 2015 - 2017
- Chief Medical Officer, Healthee You, January 2014 to February 2015
- National Co-Chair, Defeat Autism Now! 2005-2009
- Board Member, Defeat Autism Now! Europe, 2005-2009
- Medical Director, Physician Training, Autism Research Institute, 2004-2009
- State Medical Advisor, National Autism Association, 2004-2006

- Virginia Medical Services Organization Board Member, Lynchburg, VA, 2004 – 2008
- Children's Miracle Network Allocation Committee, 1993-1999
- Medical Advisor, Lactation Education Services, Virginia Baptist Hospital, 1990-2000
- Emergency Department Committee, Lynchburg General Hospital, 1995-2000
- Lynchburg Domestic Violence Coalition Representative, Lynchburg, VA, 1995 – 2000
- Master Partnership in Education with Paul Munro School, Lynchburg, VA, 1997 – 1999
- Pediatric Renovations Committee, Lynchburg, VA, 1997 – 1999
- School Health Committee, Virginia, 1997-1999
- Medical Advisor, Parents of Multiples, Lynchburg General Hospital, 1994-1999
- Chair, Ad Hoc Committee: Pediatric Conscious Sedation Protocol, Lynchburg, VA, 1994
- Medical Advisor, Healthy Mother Healthy Baby Coalition, Lynchburg General Hospital, 1990-1992
- Medical Advisor, SHARE (Support group for perinatal Bereavement), Lynchburg General Hospital, 1989-1992
- City School Partnership in Education Committee, Lynchburg, VA, 1992
- Quality Assurance Committee, Lynchburg, VA, 1991, 1992
- Developmental Leadership Series – Chosen by peers to train physicians in state about Developmental Disabilities, Virginia, 1991
- Pediatric Resuscitation Revision Task Force, Lynchburg, VA, 1991
- Infection Control Committee, Lynchburg General Hospital, 1989-1990
- Executive Committee, Lynchburg General Hospital, 1989
- Tumor Board, Lynchburg General Hospital, 1987-89
- Chair, Pediatrics, Lynchburg, VA, 1987
- Childbirth Advisory Committee, Lynchburg General Hospital, 1985
- Medical School Representative to the Southern Medical Association, National, 1982

Legal Consultations

- Pendergrass divorce vaccine dispute (pending)
- Bradley divorce vaccine dispute (pending)
- Hazelhurst deposition

- Madaga vs. Wciorka, May 2018
- Kubik, expert witness, Roanoke, VA, December 2013
- Kaufman, legal consultations, Cleveland, 2013
- Autism Omnibus Cases, witness for plaintiffs - King, Mead, Dwyer, Washington, DC, 2009, arguing that mercury in vaccines exacerbated medical problems in a sub-set of children with autism
- Cunningham, expert witness, Kansas City, MO 2009
- Carson, expert witness, Texas 2009
- Blackwell, expert witness, Baltimore, MD Feb 2007
- Hayes, expert witness, Louisiana 2007

Professional Affiliations

- Institute for Functional Medicine
- American Academy of Pediatrics
- Virginia Pediatric Society
- Medical Society of Virginia
- Lynchburg Academy of Medicine
- TEDMED delegate 2014, 2016

Personal information

- Spouse: Alan Michael Cooper, MD, Psychiatrist, Faculty Lynchburg Family Practice Residency Program, Lynchburg VA
- Son: William James Cooper, Summa cum laude graduate, Politics and English, Washington and Lee University, Honors Graduate, Stanford University Law School, Attorney, San Francisco
- Daughter: Elizabeth Leigh Cooper, Summa cum laude graduate, Anthropology and Biology, Wake Forest University, Served in City Year & Teach for America, Master's Degree in Education, University of Washington, Seattle, WA, Teacher, Grandview, WA