

CURRICULUM VITAE

John Allman Barnard, M.D.
Ann I. Wolfe Endowed Chair

Personal Data

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Education and Training

Chemistry, Bachelor of Science University of South Alabama Mobile, Alabama Summa cum laude	1973 – 1976
Doctor of Medicine Alpha Omega Alpha University of Mississippi Jackson, Mississippi	1976 - 1980
Intern and Resident in Pediatrics Vanderbilt University School of Medicine Nashville, Tennessee	1980 - 1983
Fellow in Pediatric Gastroenterology and Nutrition Vanderbilt University School of Medicine Nashville, Tennessee	1983 - 1986

Academic Appointments

Assistant Professor of Pediatrics Division of Gastroenterology and Nutrition University of South Alabama College of Medicine Mobile, Alabama	7/1986 - 8/1987
Assistant Professor of Pediatrics Division of Gastroenterology and Nutrition Vanderbilt University School of Medicine	8/1987 - 7/1992

Nashville, Tennessee

Associate Professor of Pediatrics 7/1992 - 7/2000
 Division of Gastroenterology and Nutrition
 Vanderbilt University School of Medicine

Professor of Pediatrics 7/2000 – present
 Division of Gastroenterology, Hepatology and Nutrition
 The Ohio State University College of Medicine

Administrative Appointments

Chief 1995 – 2000
 Division Pediatric Gastroenterology and Nutrition
 Department of Pediatrics
 Vanderbilt University School of Medicine

Associate Director, NIH Clinical Nutrition Research Unit 1995 – 1997
 Vanderbilt University School of Medicine

Chair 2000 – 2004
 Institutional Review Board
 Nationwide Children’s Hospital
 (formerly Columbus Children’s Hospital)

Vice-President for Scientific Affairs 2000 – 2010
 The Abigail Wexner Research Institute at
 Nationwide Children’s Hospital
 (formerly, Columbus Children’s Research Institute)

Director 2002 - 2010
 Center for Cell and Developmental Biology
 The Research Institute
 Nationwide Children’s Hospital

Interim President 11/2004 – 10/2005
 The Research Institute
 Nationwide Children’s Hospital

Interim Vice-Chair for Research 11/2004 - 9/2005
 Department of Pediatrics
 The Ohio State University College of Medicine

President 10/2005 - present
 The Abigail Wexner Research Institute at
 Nationwide Children’s Hospital

Vice-Chair for Research Department of Pediatrics The Ohio State University College of Medicine	2005 – 11/2014
Interim Chair Department of Pediatrics The Ohio State University College of Medicine	11/2014 – 7/2015
Chair Department of Pediatrics The Ohio State University College of Medicine	7/2015 – present
Chief of Pediatrics Nationwide Children’s Hospital	7/2015 – present
Chief Executive Officer Pediatric Academic Association	7/2015 – present
Physician-in-Chief Nationwide Children’s Hospital	7/2015 – present

Significant Roles and Responsibilities as President, The Abigail Wexner Research Institute at Nationwide Children’s Hospital (2005 – Present)

Strategy

Participate in Nationwide Children’s Hospital 5-year strategic planning exercises with McKinsey and Company and Boston Consulting Group

Finance

Managed annual research budget at Nationwide Children’s Hospital (~ 200 million internal + external funding in 2019)

Oversee more than doubling of external NIH research funding since 2005

Develop annual Research Institute budget in collaboration with Nationwide Children’s Hospital Chief Financial Officer and Board of Trustees

Partner with Nationwide Children’s Hospital Foundation for philanthropic, media, and marketing activities related to The Research Institute

Research Faculty

Recruited > 120 new, tenure-track research faculty members, including 8 new research Center of Emphasis directors since 1/1/2005

Formally evaluate The Research Institute's Center of Emphasis directors annually

Support, nurture and cultivate faculty at The Research Institute

Research Facilities and Scientific Infrastructure

Participated in development and execution of 25-year campus master facilities plan

Developed and executed plan for an Adeno Associated Virus (AAV) Good Manufacturing Facility at The Research Institute (2007 with major expansion in 2017)

Planning and construction of 250,000 square ft Research Building III (open third quarter 2012)

Planning construction Research Building IV beginning fall 2020

Cultivate state-of-the art infrastructure (shared resources) in support of research

Initiated Office of Technology Commercialization at The Research Institute

Specialty Certification and Licensure

American Board of Pediatrics, #32693	1985
Tennessee License, #17989	1987 - 2000
American Board of Pediatrics Sub-board of Pediatric Gastroenterology/Nutrition, #024	1990
Recertification American Board of Pediatrics Sub-Board of Pediatric Gastroenterology/Nutrition	1999
Ohio Medical License, #78351	2000
Recertification American Board of Pediatrics Sub-Board of Pediatric Gastroenterology/Nutrition	2004

Society Memberships

American Gastroenterological Association	1986 – present
North American Society for Pediatric Gastroenterology Hepatology and Nutrition (NASPGHAN)	1987 - present
American Society for Parenteral and Enteral Nutrition (ASPEN)	1991 - 1996
Society for Pediatric Research	1991 – present
Crohn’s and Colitis Foundation of America	1997 - present
American Pediatric Society	2003 – present

Local Committees

Pediatric Housestaff Recruitment Committee Department of Pediatrics, University of South Alabama	1987
Amos Christie Pediatric Alumni Society Steering Committee Vanderbilt University School of Medicine	1987 - 2000
Housestaff Recruitment Committee Vanderbilt University School of Medicine	1989 - 1993
Pediatric Resident’s Curriculum Committee Vanderbilt University School of Medicine	1993 – 2000
Medical Center East Executive Committee Vanderbilt University Medical Center	1995 – 2000
Pediatric Clinic Governance Committee Vanderbilt University Medical Center	1995 – 1998
President, Amos Christie Pediatric Alumni Society Vanderbilt University School of Medicine	1996 – 1998
Advisory Committee, East Tennessee Chapter, CCFA Crohn’s and Colitis Foundation of America	1998 – 2000
Operating Room Committee New Children’s Hospital Design Team Vanderbilt University Medical Center	1999 – 2000

Executive Committee New Children's Hospital Design Team, Vanderbilt	1999 - 2000
Chairperson Institutional Review Board Nationwide Children's Hospital	2000 - 2004
Member, Promotion and Tenure Committee Department of Pediatrics The Ohio State University College of Medicine	2001 - 2005
Member, Promotion and Tenure Committee The Ohio State University College of Medicine	2005 - 2008
Member, Office of the Chief Executive Officer Nationwide Children's Hospital	2005 - present
Standing Member, Board of Trustees Nationwide Children's Hospital Nationwide Children's Hospital Foundation The Research Institute at Nationwide Children's Hospital	2005 - present
Member, Patents and Copyright Committee Nationwide Children's Hospital	2005-2013
Member, Graduate Medical Education Leadership Committee	2005 - present
Corporate Compliance Committee Nationwide Children's Hospital	2007- present
Member, Research Building III Planning Committee	2008 – 2012
Co-Chair, Promotion and Tenure Revision Task Force The Ohio State University College of Medicine	2009 – 2010
Member, Oversight Committee, Comprehensive Center for Autism Spectrum Disorders	2011 - 2013
Member, Advisory Board for the Ohio Supercomputer Center	2011 - 2013
Member, Juvenile Diabetes Research Foundation Board of Directors	2011- 2017
Chair, Ohio Children's Hospital Association (OCHA) Research Collaborative Task Force	2011- 2018

Promotion and Tenure Review Committee The Ohio State University (Main Campus)	2011- 2014
Member, The Ohio State University Technology Review Board	2012 – 2014
Member, Executive Committee Medical Scientist Training Program The Ohio State University College of Medicine	2012 – 2015
Member, Faculty Advisory Board, The Ohio State University Discovery Themes Initiative	2013 - 2015
Member, Capital Budget Committee Nationwide Children’s Hospital	2015 - present
Member, Executive Steering Committee Nationwide Children’s Hospital Web Content Management System	2016-2017
Member, Behavioral Health Hospital Operations Planning Executive Committee	2019-present
Member, Ohio State University Comprehensive Cancer Center Internal Advisory Board	2018 – present
Member, US News and World Report Steering Committee	2015 - present

Search Committee Membership and Chairmanship

Member Adolescent Medicine Division Director, Vanderbilt University School of Medicine Recruited: Lynn Walker, PhD	1998
Member Nephrology Division Director, Vanderbilt University School of Medicine Recruited: Kathy Jabs, MD	1999
Chair Hematology-Oncology Division Director, Nationwide Children’s Hospital Recruited: Tom Gross, MD, PhD	2002

Chair Gastroenterology Division Director, Nationwide Children's Hospital Recruited: Carlo Di Lorenzo, MD	2004
Member Chief Information Officer, Nationwide Children's Hospital Recruited: Search aborted	2004
Member Chief Executive Officer, Nationwide Children's Hospital Recruited: Steve Allen, MD, MBA	2006
Chair Center for Childhood Cancer, The Research Institute at Nationwide Children's Hospital Recruited: Peter Houghton, PhD	2009
Committee Chair, Division Hematology, Oncology, Bone Marrow Transplantation Nationwide Children's Hospital Recruited: Timothy Cripe, MD, PhD	2011
Member Surgeon-in-Chief, Nationwide Children's Hospital Recruited: Larry Moss, MD	2011
Member Dean, The Ohio State University College of Medicine Recruited: Charles Lockwood, MD, MHCM	2011
Member Chief of Neurosurgery, Nationwide Children's Hospital: Recruited: Jeffrey Leonard, MD, PhD	2011
Member Director, Center for Perinatal Research The Research Institute at Nationwide Children's Hospital Recruited: Irina Buhimschi, MD	2011
Chair Chair, Department of Pediatrics The Ohio State University College of Medicine and Nationwide Children's Hospital Recruited: J. Philip Saul, MD	2012

Chair Director of Institute for Genomics Research The Research Institute at Nationwide Children's Hospital Recruited: Co-Directors Elaine Mardis, PhD and Richard Wilson, PhD	2015
Member Director, Division Child Abuse Pediatrics, Nationwide Children's Hospital Recruited: Megan Letson, MD, Med	2015
Member Chief, Division of Transplantation, Director of Abdominal Transplantation Nationwide Children's Hospital Recruited: W. Kenneth Washburn, MD	2016
Member Dean, The Ohio State University College of Medicine Recruited: K. Craig Kent, MD	2016
Member Chair, Department of Internal Medicine The Ohio State University College of Medicine Recruitment: Rama Mallampalli, MD	2018
Chair Director, Division of Cardiology, Nationwide Children's Hospital Recruited: Catherine Krawczeski, MD	2018
Member Chief Executive Officer, Nationwide Children's Hospital Recruited: Tim Robinson	2018
Member Surgeon in Chief, Nationwide Children's Hospital Recruited: Dr. Oluyinka Olutoye, MChB, PhD	2018
Co-Chair Department of Family Medicine, The Ohio State University College of Medicine Recruited: Dr. Nwando Olayiwola	2018
Member Chief Medical Officer, Nationwide Children's Hospital Recruited: Dr. Rustin Morse	2020

Member	2020
Dean, The Ohio State University College of Medicine	
Recruited: to be announced	

National Committees, Boards and Elected Positions

Member	1992
NIH Review Panel	
Perinatal Emphasis Research Center (PERC)	
Member	1999 - 2006
Data Safety Monitoring Board	
Cystic Fibrosis Foundation	
Member	2002
NIH Review Panel	
Development and Cell Biology of Epithelium, NIDDK	
Chair	2002 - 2004
NASPGHAN Research Committee	
Member	2003 - 2004
NIH Review panel	
Multiple instances ad hoc service General Medicine A2	
Member	2004
NIH Consensus Panel on Celiac Disease	
President-Elect, President and Past-President	2004 – 2010
North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN)	
Member	2005 – 2008
NIH Review Panel	
Gastrointestinal Cell and Molecular Biology, Study Section	
Member	2006 - 2010
Executive Committee	
Federation of International Societies of Pediatric Gastroenterology, Hepatology and Nutrition (FISPGHAN)	
Member	2006 - 2008
World Congress III Planning Committee	
FISPGHAN	

Chair Pediatric Acute Liver Failure Data Safety Monitoring Board National Institute Diabetes and Digestive and Kidney Diseases	2006
Chair Publications Committee NASPGHAN	2007 - 2009
Chair NIH Special Emphasis Panel Childhood Liver Disease Research and Education Network	2009
Member NIH Special Emphasis Panel Child Health Research Career Development Award Program	2010
Chair NIH Special Emphasis Panel Ancillary Studies to Major Ongoing Clinical Research Studies to Advance Areas of Scientific Interest within the Mission of the NIDDK	2010
Member GI Nutritional Advisory Group Early Nutritional Growth, and GI Outcomes in Infants with CF Cystic Fibrosis Foundation	2010
President-Elect NASPGHAN Foundation	2010 - 2012
President NASPGHAN Foundation	2012 - 2016
Head Faculty 1000 Section of Pediatric Gastroenterology and Hepatology	2012 - 2013
Chair Childhood Liver Disease Research and Education Network NIDDK review panel	2013
Member NICHD Institutional T32 Training Award Study Section, Chevy Chase, MD	2014
Steering Board Member PEDSnet Consortium: A Pediatric Learning Health System	2014 - present
Member	2015 - present

Pediatric Gastroenterology Subboard, American Board of Pediatrics	
Chair	2017 – present
Pediatric Gastroenterology Subboard, American Board of Pediatrics	
Member	2016 – present
Canadian Child Health Clinician Scientist Program Selection Committee; The Hospital for Sick Children, Toronto, ON	
Board of Directors	2017 - present
Improve Care Now (ICN) 501(c)3 Organization, “Transforming the Model for IBD Care”	
Trustee	2018 – present
Georgia Tech Research Corporation Georgia Tech University, Atlanta GA	
Board of Directors	2019 - present
American Board of Pediatrics	

Honors and Awards

Outstanding Graduating Chemistry Student University of South Alabama	1976
Summa Cum Laude Graduate University of South Alabama	1976
Alpha Omega Alpha University of Mississippi School of Medicine	1980
Young Investigator Award Southern Society for Pediatric Research	1985
American Gastroenterological Association/Pharmacia Scholar	1988 – 1991
Young Investigator Award North American Society for Pediatric Gastroenterology, Hepatology and Nutrition	1990
Lifetime Achievement Award Vanderbilt University Pediatric Residency Program	2000
Best Doctors	2003 – present

Executive of the Year Ohio TopCAT (Top Contributors to the Advancement of Technology)	2007
March of Dimes Champion for Babies Central Ohio March of Dimes	2009
Ann I Wolfe Endowed Chair in Pediatric Research Leadership	2012
Career Contribution Award Awarded by the Medical Staff Office Nationwide Children's Hospital	2017
Harry Shwachman Award North American Society of Pediatric Gastroenterology, Hepatology and Nutrition	2018

Research Funding as Principal Investigator (completed)

"Regulation of Intestinal Epithelial Cell Growth by TGF β "
NIDDK Clinical Nutrition Research Unit Center (P30)
Total costs: \$100,000 (1987-1989)
Role: Principal Investigator

"Regulation of Growth and Differentiation of the Enterocyte"
American Gastroenterological Association/Pharmacia
Scholar Award;
Total costs: \$90,000 (1988 – 1990)
Role: Principal Investigator

"Role of Transforming Growth Factors in the Intestine";
NIDDK KO8 DK01893
Total costs: \$429,410 (1989 – 1994)
Role: Principal Investigator

"Induction of Intestinal Gene Expression by Butyrate"
NIDDK Clinical Nutrition Research Unit Core Center
(P30) Pilot Project
Total costs: \$30,000 (1994-1995)
Role: Principal Investigator

"Regulation of Colonocyte Growth and Differentiation by Butyrate"
American Institute for Cancer Research Investigator Award
Total costs: \$110,000 (1994 – 1996)
Role: Principal Investigator

“Regulation of Intestinal Epithelial Growth by EGF-related Peptides”

NIDDK RO1 DK40637

Total costs: \$539,361 (1996 – 1999)

Role: Principal Investigator

“TGF β Regulation of Intestinal Epithelial Cells”

NIDDK RO1 DK59656-09

Total costs: \$1,512,000; (2005-2010)

Role: Principal Investigator

“Regulation of TGF β Receptors in Intestinal Cells”

Vanderbilt-Ingram Cancer Center Pilot Project

Total costs: \$30,000; (1999 – 2000)

Role: Principal Investigator

“Institutional Training Grant for Pediatricians”

NICHD T32HD043003

Total costs: \$906,021 (2003-2007)

Role: wrote grant in its entirety (PI status required assignment to Department Chair, Thomas Hansen/Michael Brady)

“Child Health Research Career Developmental Award”

NICHD K12 HD043372-09

Total Costs: \$2,023,850 (2008 – 2012); Role: wrote the most recent competitive renewal grant in its entirety (PI status required assignment to Department Chair, Michael Brady); served as Program Director

“TGF β Regulation of Intestinal Epithelial Cells” – Supplement

NIDDK RO1 DK59656-09S1

Total Costs: \$58,444 (2009-2011)

Role: Principal Investigator

“The Ohio State University Center for Clinical and Translational Science” (CTSA)

NCRR UL1RR025755

Costs subcontracted to Nationwide Children’s ~ \$500,000 annually (2008-2013)

Role: Co-Principal Investigator

“Communicating Health Sciences: Emerging Challenges and Opportunities for Public Engagement”

Battelle Endowment BETHA Funding

Total costs: \$44,766 (2012 – 2014)

Role: Principal Investigator

“Institutional Training Grant for Pediatricians”

NICHD T32 HD043003

Total costs: \$1,022,548 (2010 – 2015)

Role: Principal Investigator

“Governor’s Research Collaborative Fund”

G-1213-07-0561

Total cost: \$2,000,000 (2012 – 2015)

Role: Principal Investigator

“OSU Center for Clinical and Translation Science Award (UL1) – Administration”

1 UL1 RT 001070-01

\$2,127,445.00 (2014-2015) Subcontracted cost to Nationwide Children’s ~ \$500,000 annually

Role: Co-Principal Investigator

External Scholarly Activities and Presentations

Invited Speaker, University of Mississippi “New Developments in Pediatric Gastroenterology”	1992
Invited Speaker, Cincinnati Children’s Hospital Medical Center “Regulation of Intestinal Epithelial Growth by $TGF\beta$ ”	1993
Invited Speaker, University of Missouri Health Sciences Center “New Developments in Inflammatory Bowel Disease”	1993
Invited Speaker, University of Tennessee, Chattanooga “Evaluating Chronic Diarrhea in Children”	1993
Invited Speaker, University of Iowa “Regulation of Intestinal Epithelial Growth by EGF-related peptides”	1994
Invited Speaker, American Institute for Cancer Research “Regulation of Intestinal Proliferation by Short Chain Fatty Acids”	1997
Invited Speaker, University of Mississippi “Helicobacter Pylori Infection in Children”	1997
Invited Speaker, Children’s Hospital of Philadelphia “Regulation of $TGF\alpha$ Receptor Expression by Oncogenic Ras”	1997
Guest Editor, “Common Gastrointestinal Problems”, Pediatric Annals	1997

Visiting Professor, New York University, Department of Pediatrics “New Developments in Intestinal Polyposis Syndromes”	1997
Invited Speaker, NASPGHAN: Meet the Professor Breakfast “Growth Factor Regulation of Intestinal Epithelial Growth”	1998
Invited Speaker, University of Illinois in Peoria “New Insights into Recurrent Abdominal Pain”	1999
Invited Speaker, South Carolina Chapter of the AAP “What is New in Pediatric Gastroenterology?” “Neonatal Cholestasis” “Practical Approach to Constipation”	1999
Invited Speaker, Children’s Hospital, Columbus, OH “Regulation in Intestinal Epithelial Growth by TGFβ ”	2000
Invited Speaker, British Society for Immunology, Congress Harrogate International Centre, London, U.K. “Regulation of the Intestinal Epithelium by TGFβ”	2000
Guest Faculty, Mead Johnson Research Forum for Pediatric Gastroenterologists; Scottsdale, Arizona	2001
Invited Speaker, Drug Information Associations, Denver “Pediatric Alliances as Models to Assure Ethical Conduct of Research in Children”	2001
Invited Speaker, North American Society for Pediatric Gastroenterology, Hepatology and Nutrition, Orlando FL “Keys to Writing a Competitive Grant”	2001
Visiting Professor, Division of Gastroenterology Children’s Hospital Medical Center, Cincinnati, OH	2002
Osler Board Review and Continuing Medical Education Courses Lectures in Pediatric Gastroenterology, 3-4 seminars annually	1993 - 2002
Organizer, NASPGHAN Post-Graduate Course, San Antonio “Pediatric Gastroenterology: Cutting Edge Medicine for the Clinician”	2002
Organizing Committee, NASPGAN Annual Meeting, Montreal Canada	2003

Organizer, NASPGHAN/ Mead-Johnson Research Forum for Pediatric Gastroenterologists; Phoenix, AZ	2004
Visiting Professor, University of Michigan “Recent Advances in Polyposis Syndromes in Children”	2004
Invited Speaker American Gastroenterological Association Annual “Epidermal Growth Factor and COX-2: Intersecting Pathways”	2004
Visiting Professor, University of Wisconsin “Recent Advances in Gastrointestinal Polyp Disorders Affecting Children”	2004
Visiting Professor, University of Iowa “Gastrointestinal Polyps in Children	2005
Organizer, NASPGHAN/Mead-Johnson Research Forum for Pediatric Gastroenterologists, Phoenix, AZ	2005
Invited Speaker, Children’s Mercy Hospital, Kansas City “Recent Advances in Gastrointestinal Polyp Disorders Affecting Children”	2005
Invited Speaker, NASPGHAN Fellow Conference, Key Biscayne, FL “Manuscripts 101”	2005
Invited Speaker, University of Louisville, Kosair Children’s Hospital “Recent Advances in the Biology of Polyp Syndromes in Children”	2006
Visiting Professor, The Hospital for Sick Children, Toronto “Recent Advances in the Biology of Polyp Syndromes in Children” “TGFβ in Intestinal Biology”	2006
Invited Speaker, ESPGHAN Symposium on Genetic Factors in Functional & Structural GI Disorders, Capri, Italy “Advances in the Molecular Biology of Gastrointestinal Polyps: Implications for Clinical Practice”	2006
Invited Speaker, Pan American Congress of GI, Cancun, Mexico New Biological Therapies for Inflammatory Bowel Disease”	2006
Visiting Professor Plateau Pediatric Grand Rounds, Tulane University “Recent Advances in the Biology of Gastrointestinal Polyps in Children”	2008

Visiting Professor, University of Pennsylvania, School of Medicine “Regulation of the Intestinal Epithelium by Transforming Growth Factor- β Signaling”	2008
Visiting Professor, Emory University School of Medicine “Regulation of Intestinal Growth by TGF β ” “Academic Careers in Pediatric Gastroenterology”	2009
Invited Speaker, Third ESPGHAN Capri Meeting "Colonic Diseases: Problems and Progress", in Capri, Italy “Genetic Screening in Childhood Polyp Disorders”	2009
Invited Speaker, NASPGHAN Plenary Session, New Orleans “Basic Science Year in Review”	2010
External Advisor, Child Health Research Center (NICHD) Department of Pediatrics, University of Iowa Carver College of Medicine	2010
Invited Speaker, NASPGHAN Plenary Session, Orlando FL “Basic Science Year in Review”	2011
Visiting Professor, Children’s Mercy Hospital, Kansas City, MO “Transforming Growth Factor β Regulation of Intestinal Homeostasis”	2012
Invited Speaker, NASPGHAN Plenary Session, Salt Laker City UT “Basic Science Year in Review”	2012
Invited Speaker, World Congress of Pediatric Gastroenterology, Hepatology and Nutrition, Taipei, Taiwan “Hamartomatous Polyp Disorders in Children”	2012
Annual David Karzon Grand Rounds Lecturer, Vanderbilt University Medical Center, Nashville, TN “Gastrointestinal Polyp Disorders in Children”	2013
Invited Consultant, Board of Directors Emory Children’s Pediatric Research Center, Atlanta, GA “Overview: The Research Institute at Nationwide Children’s Hospital”	2013
External Advisor, Child Health Research Center (NICHD) Department of Pediatrics, Emory University School of Medicine, Atlanta, GA	2013- present

Invited Speaker, NASPGHAN Plenary Session, Chicago, IL “Basic Science Year in Review”	2011
Invited Speaker, NASPGHAN Meet the Professor Breakfast “Grantsmanship” Chicago, IL	2013
T32 Consultant; University of California San Francisco “Transforming Growth Factor β Regulation of Intestinal Homeostasis”	2013
Invited Speaker, Children’s Mercy Hospital, Kansas City, MO Clinical Advances in Pediatrics Symposium “Chronic Abdominal Pain” “Management of Gastroesophageal Reflux Disease”	2013
Invited Speaker, NASPGHAN Plenary Session, Chicago, IL “Basic Science Year in Review”	2014
Invited Speaker, Raymond E. Mason Leadership Symposium Franklin University, Columbus, OH “Leadership is a Team Sport”	2014
Visiting Professor, Division of Pediatric Gastroenterology and Nutrition Morgan Stanley Children’s Hospital, Columbia University New York, NY	2014
Member, Research External Advisory Committee Alfred I DuPont Hospital for Children, Nemours Foundation Wilmington, DE	2014 - 2016
Chair, Research External Advisory Committee Children’s Mercy Hospital Kansas City, MO	2015
Member, External Scientific Advisory Committee Children’s Mercy Hospital Kansas City, MO	2014
Invited Speaker, Grand Rounds Children’s of Alabama, University of Alabama “Chronic Abdominal Pain in Children: New Insights into an Old Problem”	2015
Panelist, Second Annual Women in Bioscience Conference “Advocating for Women”	2016

Invited Speaker, Grand Rounds University of North Carolina at Chapel Hill “Discovery and Innovation in Child Healthcare”	2015
Invited Speaker, Roundtable on Genomics and Precision Health National Academies of Sciences, Engineering and Medicine Washington, DC “Genomics Health Care Delivery System Specializing in Pediatrics”	2016
Invited Speaker, American College of Healthcare Executives, Ohio Chapter, “The Business Case for Research in Modern Healthcare” Columbus, Ohio	2016
Consultant, University of Arizona Academic Program Review Committee, Department of Pediatrics	2017
Invited Speaker, Phoenix Children’s “The Research Initiatives at Nationwide Children’s Hospital”	2017
External Scientific Consultant: Children Liver Disease Research Network, National Institute of Diabetes and Digestive and Kidney Diseases	2018
Invited Speaker, Grand Rounds Children’s Hospital of Montefiore; Bronx, New York “Beyond Discovery: Enhancing Innovation and Impact in Child Health Research”	2018
Invited Speaker, Mead Johnson Annual Fellow Conference Scottsdale, AZ “What Do Leaders Look for in a Physician Hire”	2017 - 2018
Panelist: Harnessing Ideas in Healthcare & Research Women in Bio and Healthcare Conference presented by BioOhio in Partnership with Healthcare Businesswoman’s Association (HBA)	2018
Invited Speaker, North American Society for Pediatric Gastroenterology, Hepatology and Nutrition Annual Meeting “Research funding: Creative Strategies You Can Bank On”	2018
Rudberg Visiting Professor, Department of Pediatrics University of Texas Southwestern, Dallas TX Grand Rounds “Cultivating Innovation in Child Health Research”	2019
Rudberg Visiting Professor, Department of Pediatrics	2019

University of Texas Southwestern, Dallas TX “Academic Pediatrics is a Team Sport”	
Rudberg Visiting Professor, Department of Pediatrics University of Texas Southwestern, Dallas TX “Recurrent Abdominal Pain in Children”	2019
Arnold Silverman Visiting Professor Colorado Children’s Hospital and the University of Colorado Health Sciences Center “Functional Abdominal Pain: Focus on the Parents”	2020
Arnold Silverman Visiting Professor Pediatric Grand Rounds Colorado Children’s Hospital and University of Colorado Health Sciences Center “Inspiring an Innovation Culture in Child Health Research”	2020

Teaching and Mentoring

Clinical Teaching and Mentoring:

Attending, Inpatient Service, Department of Pediatrics, University of South Alabama, Mobile, AL (resident and medical student teaching)	1986-1987
Attending Physician, Inpatient Service, Department of Pediatrics, Vanderbilt University Children’s Hospital, Nashville, TN (resident and medical student teaching; one month per year)	1987-2000
Teaching Physician, Pediatric Gastroenterology Nutrition Rotation, Vanderbilt University Children’s Hospital, Nashville, TN (resident and medical student teaching; three to five months per year)	1987-2000
Attending Physician, Inpatient Service, Department of Pediatrics, Nationwide Children’s Hospital, Columbus, OH (resident and medical student teaching; one month per year)	2001-2014
Alan Sacks, M.D. Fellow in Gastroenterology and Nutrition Winner, Vanderbilt University Resident Research Day Forum Vanderbilt University College of Medicine	1990 - 1993
Phyllis R. Bishop, M.D. Fellow in Gastroenterology and Nutrition	1991-1994

Michele Winesett, MD Fellow in Gastroenterology and Nutrition Vanderbilt University College of Medicine	1993-1996
John Stutts, MD, MPH Fellow in Gastroenterology and Nutrition Winner, Functional Brain/Gut Group Young Investigator Award for Clinical Research, American Gastroenterological Association	1997-2000
Carl Allen, MD, PhD Resident, Integrated Research Pathway Society for Pediatric Research House Office Research Award Recipient	2003 - 2004
Adam Yakovich, PhD Postdoctoral Fellow	2008 – 2010
Ronnie Matta, PhD Dissertation Committee	2007-2010
Alyssa Charrier, PhD Dissertation Committee	2010 - 2013
Grand Rounds in Pediatrics, University of South Alabama, Mobile Alabama “Parenteral Nutrition”	1987
Grand Rounds in Pediatrics, Vanderbilt University School of Medicine “New Developments in Pediatric Gastroenterology”	1989
Amos Christie Pediatric Alumni Society, Amelia Island, FL “Advances in Pediatric Gastroenterology”	1990
Molecular Basis for Disease, Vanderbilt University School of Medicine “ α -1-Antitrypsin Deficiency”	1992
Symposium in Neonatal Medicine, Vanderbilt University School of Medicine “Evaluation of Neonatal Cholestasis”	1992
Discussant, Pediatric Clinicopathological Conference, Vanderbilt Department of Pathology	1989, 1994, 1997, 1998
Grand Rounds in Pediatrics, Meharry College of Medicine “Peptic Ulcer Disease”	1992

Medical Physiology Clinical Correlation Conference Vanderbilt University School of Medicine “Lactose Malabsorption”	1989, 1994, 1997, 1998
Grand Rounds in Pediatrics, Vanderbilt University School of Medicine “Gastrointestinal Problems Due to Consumption of Milk”	1992
Grand Rounds in Pediatrics, Vanderbilt University School of Medicine “Gastrointestinal Problems Due to Consumption of Milk”	1993 - 1996
Nutrition Course, 1st year medical students Vanderbilt University School of Medicine “Nutrition at the Extremes of Life: Pediatric Nutrition”	1999 - 2000
Osler Board Review and Continuing Medical Education Courses Lectures in Pediatric Gastroenterology, 3-4 seminars annually	1993 - 2002
Pediatric Pearls Conference - Columbus Children’s Hospital “New Concepts in Chronic Abdominal Pain”	2001
Grand Round in Pediatrics, Columbus Children’s Hospital Research Ethics in Pediatrics	2001
Pediatric Pearls, Columbus Children’s Hospital “Functional Abdominal Pain”	2002
Grand Rounds in Pediatrics, Columbus Children’s Hospital “Inflammatory Diseases of the Esophagus”	2005
Human Development and Embryology, Department of Anatomy, OSU “Development of the Gastrointestinal Tract”	2009
Grand Rounds in Pediatrics, Nationwide Children’s Hospital “Research Advances at Nationwide Children’s Hospital”	2010
Nationwide Children’s Hospital’s Quality Improvement Essentials: Using Quality as a Business Advantage (twice a year presentation) “Diffusion of Innovation”	2011 - 2015

“Career Development for the Young Investigator: The View from Academia” Wellstone/OSU/NCH Myology Course	2010
Medical Leadership Course, “Leadership is a Team Sport” Nationwide Children’s Hospital	2015, 2017
Pediatric Grand Rounds, “Next Generation Pediatrics: Trends in Science and Practice” Nationwide Children’s Hospital	2016
New Chair Retreat, “Faculty Performance Reviews” The Ohio State University, Office of Academic Affairs	2015, 2017
New Chair Retreat, “Group Problem Solving: Critical Friends Demonstration” The Ohio State University, Office of Academic Affairs	2016
Humanism in Medicine & Medicine and the Arts, “The Power of a Smile: Low-tech Medicine in a High-tech World” Nationwide Children’s Hospital	2016
Women in Bioscience Conference presented by BioOhio Moderator – Breakout Session “Advocating for Women” Columbus, Ohio	2016
“Women in the Department of Pediatrics” Nationwide Children’s Hospital	2018
Asian Pacific American Network (APAN) Panel Event: "Overcoming Barriers to Diversity in Leadership”	2019
Communicating Medicine: Harnessing the Power of Social Media in Healthcare (a conference at Nationwide Children’s Hospital “Social Media: How a Skeptic Became a Believer”	2019

Peer-Reviewed Publications

1. Ghishan FK, Greene HL, Halter S, **Barnard JA** and Moran Jr. Noncirrhotic portal hypertension in congenital cytomegalovirus infection. *Hepatology* 4:684-686, 1984. PMID: 6086485
2. **Barnard JA**, Cotton R and Lutin W. Necrotizing enterocolitis: Variables associated with the severity of disease. *Am J Dis Child* 39:375-377, 1985. PMID: 3919569

3. **Barnard JA**, Ghishan FK and Wilson FA. Ontogenesis of taurocholate transport by rat ileal brush border membrane vesicles. *J Clin Invest* 75:869-873, 1985. PMID: 2579978
4. Will M, **Barnard JA**, Said HM and Ghishan FK. Fetal hydantoin syndrome: Inhibition of placental folic acid transport as a potential mechanism for fetal growth retardation in the rat. *Research Comm Chem Path Pharm* 48:91-98, 1985. PMID: 3992032
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Invited Publications, Reviews and Book Chapters

1. **Barnard JA**, Greene HL and Cotton R. Necrotizing enterocolitis. In: *Nutritional adaptation of the gastrointestinal tract of the newborn* (Norman Kretchmer and Alexandre Minkowski, eds), Raven Press, New York, Volume 3, pp. 107-128, 1983.
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37. **Barnard JA**. Protected time: a vital ingredient for research career development. *J Pediatr Gastroenterol Nutr*. 2015 Mar;60(3):292-3. PMID 25564815
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Lay Press Publications – Dispatch

Published in *The Columbus Dispatch* newspaper, ~ 500 word columns on “*Pediatric Research*” in the Sunday science pages

2006

- September:* Researchers Working to Solve Puzzle of Pediatric Cancer
October: Though Theory is Intriguing, We're Better Sanitary Than Sorry
November: Bacterial 'Slime' Might Stand in the Way of Antibiotics

2007

- January:* Early Treatment of Autism Hinges on Genetic Discoveries
January: Diet-based Celiac Disease Challenging for Patients
February: Problem of Premature Births is Growing in the United States
March: Intestinal Bacteria Might Play Part in Obesity Research
May: Unknowns of Rare Diseases Baffle Doctors, Families Alike
June: Early Years Can Pave Way for Heart Problems Later in Life
July: New Stem Cell Techniques Could Resolve Ethical Debate
August: Stomach Pain Usually Not Serious, But Can Be Chronic
September: Research Helping to Save Children with Heart Defects
October: More Children Need to Get Annual Flu Vaccinations
November: Physicians, Patients Do Not Always Adhere to Advances
December: RNA Cellular Switches Might Help Turn Off Diseases

2008

- January:* Cutbacks in Federal Grants Stymie Critical Research
February: Children Can Show Signs of Future Obesity Problems
March: Public Policy Can Lessen Effect of Doctor Shortage
April: When Child Has Sore Throat, Test Before Using Antibiotics
May: Personalized Sequencing of Genes Holds Promise
June: Brain Imagery Might Show Why Teens Can Be So Moody
July: Growth Hormones Don't Taint Milk, Studies Suggest
August: Genetics Unlocks Part of Crohn's Disease Mystery
September: Measles on Rise as Parents Decide Against Vaccination
October: Mitochondrial Disease is Body's Own Energy Crisis
November: Children Should Double Up On Vitamin D, Research Says
December: Do Diet Soft Drinks Make People Want to Eat More?

2009

- March:* Concussions Can Cause Long-term Health Risks
May: It Takes Money to Make 'Big Science'
July: Large-scale Study Will be Worth Time, Cost
September: Studies Vital to Patient Survival
November: Teaching Biology Course Inspiring

2010

<i>January:</i>	Biobanking Could Change Genetic Treatments
<i>February:</i>	Asthma No Small Matter to Children
<i>April:</i>	It's Time to Get Realistic About Our Obese Children
<i>June:</i>	Ohio Leads Nation in Research Dollars
<i>August:</i>	Gene Copy Number Key to Understanding Human Diversity
<i>September:</i>	Experts Agree: Get Your Flu Shot
<i>October:</i>	Improved DNA Tests Will Push Medicine
<i>December:</i>	Antibiotic Resistance Getting Worse, Spreading Globally

2011

<i>January:</i>	Sham Study a Blight on Autism Research
<i>February:</i>	Type of Stem Cell Shows Promise
<i>April:</i>	Registry Matches Patients, Scientists
<i>May:</i>	Seeking An Artificial Pancreas
<i>July:</i>	Targeted Suicide Prevention Effective
<i>August:</i>	Scientists Want to Know More About Placebo Effect
<i>October:</i>	Meningitis Research Paid Off, Saved Lives
<i>November:</i>	FDA Drug Approvals Bode Well for Nation
<i>December:</i>	Santa Needs a Good Doctor

2012

<i>January:</i>	Analysis Method Tracks Drug Risks
<i>March:</i>	You Might Think It's Funny, But It's SNOT
<i>April:</i>	Study Sees Nature Nurture at Play
<i>May:</i>	Medical Conferences Showcase Discoveries
<i>July:</i>	Study Aims to Prevent Type I Diabetes
<i>August:</i>	Research Cuts Would Hurt Ohio's Economy
<i>September:</i>	A Healthy Gut Is Rife with Germs
<i>October:</i>	Sugary Drinks One Contributor to Obesity
<i>November:</i>	Area Camp Gives Kids Healing Experience
<i>December:</i>	Progress with Gene Therapy Is Remarkable

2013

<i>February:</i>	Changes Continue to Amaze Researcher
<i>March:</i>	Scientists Eager to Listen in on Cell Communication
<i>April:</i>	Worms, Weightlifters and Lessons in Nutrition
<i>May:</i>	Probiotics Show Potential in Preventing Disease
<i>July:</i>	Mail-order Genetic Tests Are Not for Everyone
<i>August:</i>	Lots to Think About While Genetic Test Is Pending
<i>September:</i>	Genetic Testing Gives Glimpse of Future
<i>October:</i>	United States at Risk of Losing Research Leadership

November Artificial Pancreas Could Revolutionize Diabetes Treatment
December Overuse of Antibiotics is Harming Health Care

2014

February: Study Suggests Probiotic Might Aid Colicky Babies
March: Rotavirus Vaccine's Benefits Outweigh Its Risks
April: Genetic Editing Promises to Correct DNA Mistakes
May: Doctor Learns that Simple Smile is Good Medicine
June: Good and Bad Study Results Must Be Made Public
July Deeper Study is Needed to Reduce Infant Deaths
August Infant Tolerance Could Reveal Secrets about Illness
October Ice Buckets Can't Make Up for NIH Funding Cuts
November Microbiome Research Exploding with New Revelations
December NIH Grant Process Boosts Science Through Peer Review

2015

January: 'Team science' Approach Has Changed Research
February: Cards Seem Stacked Against Women in Science
March: How Engineering Can Help Improve Our Health
April: Registry Matches Patients, Scientists
May: Tiny Cilia Determine Body Symmetry
June: Doctors' Own Disease Experiences Can Shape Care
July: Gene Tests Can Tell Bacterial From Viral Infections
August: Long-term Studies Needed on Autism Screenings
September: Hospitals' Database Will Push Pediatric Research
November: Genomics Opens Up Research Into Cerebral Palsy
December: There's Nothing Jolly About Holiday Weight Gain

2016

January: Poverty Adversely Affects Pediatric Brain Growth
February: To Save Babies, Columbus Should Snuff Out Cigarette Smoking
March: Funding for Child Health Studies Must Be Increased
April: Researchers Now Think Fibrosis Can Be Reversed
May: Too Much Noise a Problem for Premature Babies
July: The Long, Complicated Road to a Hepatitis C Cure
August: Program Encourages Better Health Care by Doing Less
September: Confessions of a Long-Time Vaccination Advocate
November: Thanksgiving the Time to Talk Turkey about Family Health History
December: Cures Act Promises to Boost Funding to Strengthen Programs Nationwide

2017

March: Understanding Brain-Stomach Connection Might Help Curb Obesity

April: Proposed NIH Funding Cuts Would Hurt Health Science for Years
May: Questions Must Be Asked to Reduce Suicide Risk
June: Tissue Engineering Represents a Step Forward in Disease Management
July: Autistic Gahanna Teen Revels in Day of Air National Guard Experiences
July: Camper's Question Shows Toll That Muscular Dystrophy Takes
August: Public Health Advances Important, If Not Always Glitzy
September: Cbus Next Podcast: Health Care, Medical Advancements in Columbus
October: Biological Research: Discovery of Immune System's Link to Heartbeat Startling
November: Teamwork Fules Breakthrough in Fight Against Fatal Genetic Disorder
December: Scarlet Fever Comes Back in England, China

2018

January: Tiny, Lab-Grown 'Organoids' Have Huge Potential
February: Data-Driven Care Improving Lives of Kids with Bowel Disease
March: Growth in Electric Cars Will Help Environment, Our Health