



2023 American Pediatric Society Election Candidate

Position: President-elect

Candidate: Clifford W. Bogue, MD

Candidate Institution(s): Yale School of Medicine
Yale New Haven Health
Yale New Haven Children's Hospital

Candidate Subspecialty: Pediatric Critical Care

Personal Interest Statement for an American Pediatric Society Council Position:

Service to others and improving the lives of children are the overarching goals of my entire career in academic medicine. Achieving these goals has taken various forms throughout my professional life, such as caring for critically ill children in the PICU, mentoring trainees, making new discoveries in the laboratory, leading programs and a department, or advancing the goals of international pediatric organizations such as the APS. In that vein, I am honored to have served the APS as Secretary-Treasurer for the past four years. Serving as President would enable me to continue to advance the mission of the APS. There are several important initiatives on which I would focus. They include:

- Continuing the important work of the Council and the Committee on Diversity, Equity and Inclusion to increase the diversity of our membership, to expand the geographic regions from which our membership derives and increasing our society's impact in the mentorship and sponsorship early- and mid-career child health leaders, especially those from underrepresented in medicine groups.
- Supporting and expanding our partnership with the Society for Pediatric Research to develop joint programming that enhances value for the membership of both societies (joint webinars, PAS plenaries, training/mentoring programs and advocacy).
- Increasing opportunities for members to engage with our Council and committees
- Developing a strategic plan for developing philanthropy to help expand the programs we support, such as the Howland Award Endowment, Pediatric Scientist Development Program, RAPID, New Century Scholars and the Career Coaching Program
- Expanding the influence of our "voice" on important child health advocacy issues through the Advocacy Policy Committee, Pediatric Policy Council and the APS Issue of the Year.

I look forward to continuing to improve child health through the great work of the APS!

Clifford W. Bogue, MD

Waldemar von Zedtwitz Professor and Chair of Pediatrics, Yale School of Medicine

System Chief of Pediatrics, Yale New Haven Health

Chief Medical Officer, Yale New Haven Children's Hospital

Clifford W. Bogue, MD, a pediatric critical care specialist, is the Waldemar Von Zedtwitz Professor and Chairman of Pediatrics at Yale School of Medicine, where he has been on the faculty since 1993. In 2014, he was also named the inaugural Chief Medical Officer of Yale-New Haven Children's Hospital, where he provides strategic and operational leadership for the Children's Hospital's clinical delivery systems. Dr. Bogue was named Chairman of the Department of Pediatrics in August 2017.

Medical Education

1981 B.A., *With Distinction*, University of Virginia
1985 M.D., School of Medicine, University of Virginia
2015 Certificate, Emerging Leaders in Healthcare Executive Education Program, Yale School of Management
2016 Certificate, Advanced Emerging Leaders in Healthcare Executive Education Program, Yale School of Management

Housestaff Training

1985 – 1988 Resident, Pediatrics, Vanderbilt University Medical Center
1988 - 1989 Chief Resident, Pediatrics, Vanderbilt University Medical Center

Fellowship

1989 - 1993 Post-doctoral Fellow, Critical Care Medicine, Dept. of Pediatrics, Yale School of Medicine

Faculty Positions

1993 – 1994 Instructor of Pediatrics, Yale School of Medicine
1994 – 2000 Assistant Professor of Pediatrics, Yale School of Medicine
2000 – 2003 Associate Research Scientist, Pediatrics, Yale School of Medicine
2003 – 2013 Associate Professor of Pediatrics, Yale School of Medicine
2013 – 2017 Professor of Pediatrics, Yale School of Medicine
2017 – present Waldemar Von Zedtwitz Professor and Chair of Pediatrics, Yale School of Medicine

Current Positions

Waldemar Von Zedtwitz Professor and Chair of Pediatrics, Yale School of Medicine
System Chief of Pediatrics, Yale New Haven Health
Chief Medical Officer, Yale New Haven Children's Hospital

Professional Organizations

International Pediatric Research Foundation (owner of the journal *Pediatric Research*)
2020 Past President, Board of Trustees
2017 – 2019 President, Board of Trustees
2013 – 2017 Secretary-Treasurer, Board of Trustees
2012 – 2020 Member, Board of Trustees

Society for Pediatric Research

2010 – 2014 Co-Chair, Philanthropy/Finance Committee
2006 – 2008 Chair, Medical Student and Housestaff Award Committee
2005 – 2008 Critical Care Representative, Council (elected)
2005 – 2008 Member, Finance Committee
2004 Member, Nominating Committee

Eastern Society for Pediatric Research
2003 – 2008 Member of Council (elected)
2002 – 2008 Member, Program Committee

American Academy of Pediatrics
2016 – 2021 Chair, Committee on Pediatric Research
2016 – 2021 Member, Pediatric Research in Outpatient Settings Network (PROS) Steering Committee
2013 – 2021 Member, Committee on Pediatric Research
2008 – 2012 Chair, Subcommittee on Resident Research Grants, Committee on Pediatric Research

Federation of Pediatric Organizations (FOPO)
2013 Participant, FOPO Visioning Summit
2012 – 2014 Member, Child Health Research and Training Workgroup
2018 – present Member, Board of Directors

Pediatric Academic Societies' (PAS) Annual Meeting
2012 – 2015 Chair-elect, Pediatric Academic Societies' Program Committee
2015 – 2017 Chair, Pediatric Academic Societies' Meeting Program Committee

APS Activities

2018 – present Executive Council and Secretary-Treasurer
2018 – present Member, Committee on Diversity, Inclusion and Equity
2018 – present Chair, Program Committee for PAS Meeting
2018 – present Member, PAS Program Committee
2018 – present Chair, Finance Committee
2018 – present Co-chair, APS-SPR Board of Directors
2018 – present APS Trustee, Pediatric Research Foundation

Areas of Research Focus

Dr. Bogue's research focused on the developmental biology of the lung, liver and cardiovascular system. In particular, he has studied the role that homeobox genes play in early embryogenesis. His earliest work included the discoveries that Hox genes are expressed in an antero-posterior gradient in the developing lung and that their expression is modulated by retinoic acid, butyrate and maternal diabetes. This work led to the discovery of a novel homeobox gene, *Hhex*, that is expressed in several cell types, including hematopoietic stem cells, endothelial cells, pulmonary epithelium and hepatic stem cells. His lab was the first to report the genomic structure, cDNA mapping and chromosomal localization of murine *Hhex*. The Bogue lab was the first group to develop a strain of mice with a conditional mutation of *Hhex* that demonstrated, for the first time, that *Hhex* plays an essential role in the development of the extrahepatic biliary system. His lab also discovered that absence of *Hhex* in early hepatoblasts results in polycystic liver disease due to alterations of apical-basal polarity in biliary cells. Dr. Bogue's research, in collaboration with others, demonstrates a key role for *Hhex* in other important developmental processes, including definitive erythropoiesis, lymphopoiesis, cardiogenesis, and vascular development. Dr. Bogue has also maintained an interest in patient-based research focused on the effects of hyper- and hypoglycemia in critically ill children.